

INTEROFFICE MEMORANDUM

Sensitivity: COMPANY CONFIDENTIAL

Date: 13-Nov-2000 02:54pm

From: Yi Zhu TAL
ZHU_Y

Dept: Air Resources Management

Tel No: 850/921-9558

To: Jonathan Holtom TAL (HOLTOM_J)

Subject: Re: ARMS upload

This is to let you know that the upload is complete. Sorry it took so long.

*Here is another EARS application ready for your review and upload:

* Gulf Power - Crist - DEP.

*

*EARS has been a real pain today. It has given me 'run-time' errors repeatedly.

*Most often when at the pollutant level attempting to get to the 'emission factor unit code' by pressing the next page button. Over and over and over again. It has been a very frustrating day!

*

*Thanks for the upload and unload, Jonathan.

*



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

RECEIVED

MAY 10 1999

BUREAU OF
AIR REGULATION

4APT-AEEB

MAY 05 1999

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Karl R. Moor
Vice President and
Associate General Counsel
Southern Company
1130 Connecticut Avenue, N.W., Suite 830
Washington, DC 20036

Re: Requirement for Southern Company to Provide Records Relevant to the Operation, Maintenance, and Modification of Coal-Fired Electrical Generating Units Pursuant to Section 114 of the Clean Air Act

Dear Mr. Moor:

The United States Environmental Protection Agency (EPA) has been conducting an investigation of a number of coal-fired power plants in an effort to determine whether modifications at those facilities were subject to New Source Review (NSR) requirements or New Source Performance Standards (NSPS) under the Clean Air Act (Act). To avoid undue burden to the industry, our initial inquiries were focused largely on publicly available records and certain accounting information retained by companies in the normal course of business. Our investigation has now reached the point that additional information is needed from Southern Company (Southern). We recognize that this information request is lengthy. However, the emissions associated with activities at Southern electrical generating stations are significant, and NSR provisions provide for a number of exemptions that require a detailed factual analysis. Thus, we believe that to protect the public interest and, at the same time to be fair to Southern, a thorough review is required.

The EPA is hereby seeking information pursuant to its authority under Section 114 of the CAA, 42 U.S.C. §7414 *et seq.* As we discussed during EPA's visit to Southern's corporate office on March 25, 1999, we would be pleased to work with you and hear any suggestion you may have regarding how to provide EPA with the information it needs to fully evaluate these issues with minimal disruption of Southern activities. If you have suggestions, please call Christopher Hockett or Sean Barron at (404)562-9195 or (404)562-9216, respectively. If you have any suggestions or questions related to the Alabama Power Plants, please call Luis Troche at (202) 564-2008.

Unless otherwise specified, the information and documents requested are for the period from January 1978 to the present. For the purposes of this letter, the instructions and definitions set forth in Appendix A of this letter shall apply and should be considered carefully by you in preparing your responses to this Information Request letter.

INFORMATION REQUESTS

1. General System-wide Information (for all fuel types unless otherwise noted)

- a. List and provide any feasibility or engineering studies, evaluations, or any other documents originated by, or for, Southern that concern the following:
 - (i) for all coal-fired units, documents regarding the capacities of equipment, the condition of equipment, the rehabilitation of equipment (including upgrades), the modification of equipment, and station electrical generating capacity;
 - (ii) documents regarding increasing the availability of any of the Southern coal-fired generating units, whether by the repair and/or replacement of existing boiler equipment, by a change in ancillary support systems (i.e., such as the fuel supply delivery system, the post-combustion waste handling/disposal system, etc.), or by any other means; and/or
 - (iii) for all coal-fired units, documents that discuss the life extension, or similar projects, of the plant.
- b. Provide any documents related to physical changes to, or replacement of all, or any part of, Southern coal-fired electrical generating units made with the intent of meeting future Southern electrical generating demand. This request includes documents concerning capitalized projects, intended to reclaim generating capacity that was diminished, or expected to be diminished by the deterioration of boiler equipment and/or systems. Additional examples of these documents include, but are not limited to, the following: applications to state Public Service Commissions or other regulatory agencies, shareholder reports, reports to the Southern Chief Executive Officer and/or Board of Directors, multi-year Business Plans, Budget Planning sessions and Senior Management presentations.
- c. Provide a detailed narrative description of each methodology used by Southern since 1978 to define the difference between "maintenance" and "capital" costs for internal budgetary purposes or for purposes of reporting costs to the state Public Service Commission or other regulatory agency. Include a copy of any documents explaining these methodologies with your response.

- d. Identify and provide any tracking system that documents the instances when the Dispatcher calls for electricity generation at a generating station, and the generating station cannot deliver the electricity.
- e. Describe the decision-making process used by Southern to evaluate whether a boiler component is limiting the ability of the boiler to generate steam and the decision-making process used by Southern to evaluate whether to maintain, repair or replace components identified as limiting the ability of the boiler to generate steam. Identify and provide any documents which describe the decision-making process related to the above.
- f. Provide the availability and capacity factor (on a monthly basis) at each Southern coal-fired generating unit. Provide, in megawatt hours (MWH), the rated capacity and actual, monthly generation (gross) at each Southern coal-fired electrical generating unit. Additionally, list the monthly hours of generation lost, including the date, at each Southern coal-fired electrical generating unit, and the reasons; such as lost generation due to an outage, lost generation to ensure the facility would comply with an emissions standard, including opacity, and/or lost generation to repair a major piece of equipment (i.e., repair boiler waterwall tubes, repair superheater leaks, etc.). Additionally, provide the monthly MWH that were available to be generated at Southern electrical generating units that were not utilized due to reduced system load demand.
- g. Identify all instances when Southern coal-fired electrical generating units have operated in a de-rated mode due to equipment limitations (e.g., economizer degradation, etc.). Additionally, identify each instance where the boiler(s) operated in a de-rated mode for a period of more than thirty (30) days, how long they operated in this mode, and what corrective action was accomplished to return the unit(s) to their rated capacity (i.e., nameplate or permanent rating).
- h. Provide a detailed narrative, by generating unit, of the Southern system-wide load growth, state-wide load growth, and the local Power Pool load growth, and describe how they were determined (methodology, protocol, forecasting method, etc.). Additionally, provide a copy of any internal procedures related to the above.
- i. Provide the historical annual load growth, both projected and actual, for each year, by Southern electrical generating units (for all fuel types).
- j. Identify all coal-fired units where flue gas recirculation (FGR) devices have been removed and the date of removal of the FGR. Please indicate if such units are still in operation, or the date they were retired. Please provide any emissions impact analyses or stack tests conducted in association with the removal of FGR.

- k. Provide the most recent results from any modeling (such as Pro-Screen) performed to predict load growth, including a description of the parameters, the decision process utilized to select a value for parameters, and the selected values.
- l. Provide the dates of forced and planned outages, a description and reason for the outage, description of all activities performed during the outage, and the associated hours (hrs), and rate (%) at Southern coal-fired electrical generating units from 1978 until the present.
- m. Provide copies of all applications for Prevention of Significant Deterioration (PSD) permits and all permits obtained for all coal-fired units (currently operating or retired).
- n. Provide copies of all major NSR permits obtained for all coal-fired units (currently operating or retired).
- o. Provide a copy of any applicability determinations sought by Southern from the U.S. EPA.

2. **Plant-wide Information**

For each plant identified in Appendix B, provide the following information or documents:

- a. An organizational chart depicting all the different departments and the heads of these departments, including the plant or station manager, engineering manager, operations manager, maintenance(s) manager, and environmental manager.
- b. A list of the names of the person(s) who since 1978 have had the primary responsibility for ensuring that the boilers and the major components of the boilers are maintained in operating condition. For each person, identify the dates which he/she held this position and what other positions this person has held for Southern or one of its subsidiaries (i.e. Georgia Power, Gulf Power, etc.). If any of the people on the list are no longer current employees of Southern or one of its subsidiaries, provide the date the person left employment with Southern or one of its subsidiaries and that person's last known address.
- c. A copy of all documents that describe the job responsibilities of employees who conduct maintenance, repair and/or replacement activities on the major components of the boilers.

d. The names of the following plant personnel for the last twenty years:

- (i) Plant (station) Manager;
- (ii) Operations Manager;
- (iii) Maintenance Manager;
- (iv) Environmental Manager; and
- (v) Engineering Manager.

State how long each person worked in the position, describe their duties, and provide their last known address if they are no longer at the plant.

3. Capital Improvement Projects

For each of the specific capital projects listed in Appendix B, plants, provide the following information or documents:

- a. The engineering justification and related reports, including a detailed description of the change and its purpose, and all associated cost/benefit analysis. Explain how capital projects are broken out into different contracts or sub-contracts.
- b. All documents which contain information such as project authorizations (PA) or improvement requisition (IR) numbers, date(s) authorized, amount of money authorized, actual expenditures to date, total projected expenditures.
- c. Copies of all purchase orders and/or contracts entered into that exceeded \$50,000.
- d. Dates of commencement and completion of physical construction for each activity which was authorized by the capital project.
- e. Any engineering or performance guarantees included in any of the purchase orders and/or contracts for any of the capital projects.
- f. Any reports or related documents regarding any post-completion project/equipment performance test or guarantee evaluation.
- g. Copies of any documentation by, or for, Southern that described that a performance guarantee test was waived, or that the equipment was accepted without the contractually bound performance test being required.

- h. Copies of any and all documents pertaining to air pollution regulatory compliance reviews or analyses conducted, either by Southern or any other entity. These documents shall include, but are not limited to, actual emissions data as well as engineering calculations pertaining to potential to emit, projected actual emissions, and netting analysis.
- i. Copies of any actual emissions data collected in accordance with the EPA test methods described in 40 C.F.R. 60, Appendix A prior to and after the project.
- j. The heat input rate (MMBtu/hr on a monthly basis) for a period of five (5) years prior to, and ten (10) years after the changes identified in Appendix B. If the change occurred less than ten (10) years prior to this letter, provide the actual heat input rate data available to date, and any projected heat input rates necessary to complete a ten (10) year period from the date of the change. Include a detailed description, with sample calculations, of how the heat input rate, both actual and projected, is determined.
- k. A copy of actual emissions data (on a monthly basis) of all pollutants subject to PSD review under 40 C.F.R. Part 52 for the time period of five (5) years prior to, and ten (10) years after the changes identified in Appendix B of this letter. If the change occurred less than ten (10) years prior to this letter, provide the actual emissions data available to date, and any projected emissions data necessary to complete a ten (10) year period from the date of the change.

4. **Fuels**

- a. Provide monthly records of as-burned coal analysis for each coal-fired unit within the Southern system. The records should include, at a minimum, a monthly average of the percent sulfur, percent nitrogen, percent volatile matter, percent fixed carbon, percent moisture, percent ash and heating value.
- b. Identify the quantity of coal burned on a monthly basis, for each unit.

5. **Emissions Data**

- a. Other than the Acid Rain CEM emission data already submitted to EPA Region 4, provide monthly summaries (on a unit by unit basis) of all continuous monitoring data that Southern electrical generating stations collected for their coal-fired units.
- b. Provide the summary portion of stack test reports of all stack tests other than those identified in Paragraph 1.j. above conducted at Southern coal-fired units.

6. Pollution Controls

- a. Describe the pollution control equipment history for the Southern coal-fired units. The description, at a minimum, should include:
- (i) type of control device (scrubber, ESP, etc.);
 - (ii) design performance criteria for the device;
 - (iii) date of installation and operation of the device; and
 - (iv) any physical/operational changes to the device.
- b. Identify any studies, evaluations or documents performed by, or for, Southern, with respect to projected modifications/upgrades in the pollution control capabilities, including ESP power saving control systems, at Southern coal-fired electrical generating stations. If any of the projected pollution controls is currently planned to be installed, identify the projected implementation schedule.

EPA requires Southern to provide the information requested in this letter in accordance with the schedule attached in Appendix C. You are entitled to assert a business confidentiality claim, covering all or part of the information which this letter requires, except that no such claim can be made with respect to "emission data" as defined at 40 C.F.R. § 2.301(a)(2). Any such claim should be made in accordance with the procedures described at 40 C.F.R. § 2.203(b). EPA will provide the public with information subject to a claim of business confidentiality only in accordance with the procedures set forth at 40 C.F.R. Part 2, Subpart B. EPA may provide the public with any information not subject to such a claim without further notice. Also, the required submission of information pursuant to Section 114 is not subject to the approval requirements of the Paperwork Reduction Act of 1980, 44 U.S.C. Section 3501, et seq.

EPA Region 4 reserves the right to issue subsequent Information Request letters pursuant to §114 of the CAA to aid in the investigation of the Southern electrical generating stations compliance with the provisions of the Act.

Please submit your response (for all companies except Alabama Power)to:


US EPA Region 4
Air, Pesticides and Toxics Management Division
12th Floor
61 Forsyth Street, SW
Atlanta, Georgia 30303
Attn: Christopher Hockett.

For Alabama Power, please submit your response to:

US EPA
1200 Pennsylvania Avenue, N.W.
South Lobby, Room 2117B
Washington, DC 20004
Attn: Luis Troche

If you have any questions regarding this request, please contact Christopher Hockett or Sean Barron of my staff at (404) 562-9195 and (404) 562-9216, respectively. If you have any questions about the Alabama power Plants, please contact Luis Troche at (202) 564-2008.

Sincerely,



Winston A. Smith
Director
Air, Pesticides, and Toxics
Management Division

Enclosures (3)

cc: Ron Gore, ADEM
Jim Pennington, FL DEP
Tony Cutrer, GA EPD
Don Watts, MS DEQ

Appendix A

For purposes of this letter, the definitions set forth in Section B shall apply and should be considered carefully by you in preparing your responses to this Information Request letter.

A. INSTRUCTIONS:

1. - Please provide a separate narrative response to each question and subpart of a question set forth in this Information Request and precede each answer with the number of the question to which it corresponds.
2. For each question, identify each person responding to any question contained in this Information Request on your behalf, as well as each person consulted in the preparation of a response.
3. For each question, identify each document consulted, examined, or referred to in the preparation of the response or that contains information responsive to the question, and provide a true and correct copy of each such document if not provided in response to another specific question.
4. Indicate on each document produced in response to this Information the number of the question to which it corresponds.
5. If requested information or documents are not known or are not available to you at the time of your response to this Information Request, but later become known or available to you, you must supplement your response to EPA. Moreover, should you find at any time after submission of your response that any portion is or becomes false, incomplete, or misrepresents the facts, you must provide EPA with a corrected response as soon as possible.
6. EPA requests, that if possible, Southern provide all data requested by this letter in an electronic format, only as long as it is in a commonly accepted/utilized computer application or format.
7. For terms such as "availability factor" and "capacity factor," provide a definition and an equation which describes the term in detail.

B. DEFINITIONS:

1. All terms used in the Information Request will have their ordinary meaning unless such terms are defined in the Act, 42 U.S.C. §7401 *et seq.*, the implementing regulations and 40 C.F.R. Part 52 (which incorporates the federally approved State Implementation

Plan). Reference is made to the EPA regulatory provisions only; however, you should apply the applicable federally-approved state provisions when appropriate.

2. The terms "document" and "documents" shall mean writings (handwritten, typed, electronic or otherwise produced, reproduced or stored) and includes, but is not limited to, any invoices, receipts, correspondence, offers, contracts, agreements, work orders, change orders, deeds, leases, manifests, licenses, permits, bids, proposals, policies of insurance, logs, books of original entry, minutes of meetings, memoranda, notes, e-mails, calendar or daily entries, agendas, bulletins, notices, announcements, charts, maps, photographs, drawings, manuals, brochures, reports of scientific study or investigation, schedules, price lists, telegrams, teletypes, magnetic tapes, recordings, discs, computer print-outs, or other data compilations from which information can be obtained or translated.
3. The terms "identify" or "identification" means:
 - (a) when used in reference to a natural person, to provide his or her full name, present or last known address, his or her present or last known employment position or affiliation and his or her positions during the time period covered by this Information Request;
 - (b) when used in reference to a corporation, to provide its name and the address of the principal place of business;
 - (c) when used in reference to a business entity that is not a corporation, to provide its name, the nature of the legal entity (e.g. partnership, joint venture, proprietorship, etc.) and the address of its principal place of business;
 - (d) when used in reference to a document, to provide the date, author, author's address, addressees, addressee's addresses, type of document (e.g. letter, memorandum, telegraph, chart, computer input or output, photograph etc.), its location and its last known custodian(s); and/or
 - (e) when used in reference to any other thing, to describe it in a complete manner.
4. The terms "person" or "persons", shall have the meaning set forth in Section 302(e) of the Act, 42 U.S.C. § 7602(e), and includes an individual, corporation, partnership, association, State, municipality, political subdivision of a State, and any agency, department, or instrumentality of the United States and any officer, agent or employee thereof.

5. The terms "relate to" or "pertain to" (or any form thereof) shall mean constituting, reflecting, representing, supporting, contradicting, referring to, stating, describing, recording, noting, embodying, containing, mentioning, studying, analyzing, discussing, evaluating or relevant to.
6. The terms "you" or "your", as used in each of the questions set forth in the attached Section 114 letter, refers to, and shall mean, the company or corporation with which each addressee of the attached Section 114 letter is affiliated, including its subsidiaries, divisions, affiliates, predecessors, successors, assigns, and its former and present officers, directors, agents, employees, representatives, attorneys, consultants, accountants and all other persons acting on its behalf.

Appendix B

Alabama Power - Barry Steam Plant:

Job Reference Number	Date in Service	Description
21082-232	1994	Unit 2 - Superheater tubes.
21080-845	1991	Combustion Controls.
21086-371	1997	Conveyors, Crushers.
21080-846	1991	Combustion Controls.
21086-345	1996	All Projects (Conveyors, Crusher).
21086-350	1996	Conveyors, Crushers.
21080-995		Insulation.
21080-040		Economizer.
21082-232	1997	Units 1 & 2 - Primary Superheater.
21080-646	1987	Units 1 & 2 - Reheat Section.
21080-049		Units 1 & 2 - Insulation.
21086-365		Units 1,2 & 3 - Coal Handling.
2108-957		Units 1,2 & 3 - Coal Handling.
21082-256	1997	Units 1 & 2 - Boiler Feed System.
21082-252	1997	Units 1 & 2 - Reheater Tubes.
21082-255	1997	Unit 2 - Condenser Section.
21082-255	1997	Unit 2 - Condenser Section.
21083-245	1996	Unit 3 - Rotor.
21083-222	1996	Unit 3 - Generator.
21083-240	1996	Unit 3 - Reheater Baskets.
21083-233	1996	Unit 3 - Boiler Controls.
21083-232	1996	Unit 3 - All Projects, Including Low NOX Burners.
21083-236	1996	Unit 3 - Super Heater Tubes.
21083-251	1997	Unit 3 - All Projects.

Job Reference Number	Date in Service	Description
21085-236	1996	Unit 3 - Super Heater.
21080-020	1991	Unit 4 - Turbine Shell.
21084-260		Unit 4 - All projects (steam generating unit).
21080-994		Unit 4 - Isolation.
21084-243	1996	Unit 4 - All Projects.
21084-236	1994	Unit 4 - All Projects.
21080-611	1988	Unit 4 - Forced Draft Fan Motors.
21084-241	1995	Unit 4 - Condenser.
21084-254	1998	Unit 4 - Condenser.
21080-107	1991	Unit 4 - Reheater.
21085-236	1993	Unit 5 - Economizer.
21085-267	1996	Unit 5 - Coal Feeders.
21085-294		Unit 5 - All Projects, Boiler.
2108-970		Unit 5 - Draft Fans.
21085-231		Unit 5 - Duct Work.
21085-255	1995	Unit 5 - Desuperheater.
21085-261		Unit 5 - Preheater Baskets.
2108-966	1990	Unit 5 - Burners, Complete Set.
21082-252	1997	Unit 2 - Reheater Tubes, Boiler Enclosure.
21083-236	1996	Unit 3 - Superheater Tubes.
21085-236	1993	Unit 5 - Economizer and Accessories.
21080-040	1991	Economizer.
2108-81-82	1982	Unit 4 - Turbine Water Induction Protection.

Alabama Power - Gaston Steam Plant:

Job Reference Number	Date in Service	Description
21115-295	1995	Unit 5 - Heater Outlet.
21110-026	1991	Unit 5 - Reheaters.
21110-112	1991	Unit 5 - Pulverizers.
21115-196	1992	Unit 5 - Coal feeders.
21115-243	1995	Unit 5 - Forced Draft Fan.
2111-84-86		Unit 5 - Weight Measuring System.
21115-181	1992	Unit 5 - Hot End Baskets.
21115-198-9		Unit 5 - Superheater Tubes, all.
2111-73-85		Unit 5 - Economizer.
21115-287	1997	Unit 5 - Heater.
21115-201-9		Unit 5 - Reheater Tubes, all.
21115-213-9		Unit 5 - Boiler Burners, all.
2111-54-81		Unit 5 - Air Heaters.
2111-738-88		Unit 5 - Air Heaters.
21115-256	1995	Unit 5 - Low Pressure Heater.
2111-73-84		Unit 5 - Economizer Tubes.
21110-026	1991	Reheat Assembly, Flame N94221.

Alabama Power - Gorgas Steam Plant:

Job Reference Number	Date in Service	Description
2102-78-85	1985	Unit 10 - Convert from forced draft to balanced draft operation.
21014-366	1997	Unit 10 - All Projects, Conveyor System.
21020-096	1987	Unit 10 - All Projects, Boiler Feed

Job Reference Number	Date in Service	Description
21020-078	1989	Unit 10 - Fan Conversion
21010-287	1997	Unit 10 - Burner Management System
21010-288	1997	Unit 10 - Boiler Feed Control.
21010-287	1997	Unit 10 - Burner Controls.
2100-41	1985	Unit 10 - Preheater Assembly.
2102-78-85	1985	Unit 10 - Conversion Forced Draft to Balanced Draft.
21010-244	1994	Unit 10 - Economizer.
21010-638	1989	Unit 10 - Performance Monitor.
21010-633	1989	Unit 10 - Performance Monitor.
21010-254	1994	Unit 10 - Air Heater.
21010-229	1994	Unit 10 - Combustion Controls.
21010-891	1990	Unit 10 - Reheater.
21010-890	1990	Unit 10 - Superheater.
21016-208	1997	Unit 6 - All Projects.
21016-201	1996	Unit 6 - Preheater.
21017-203	1997	Unit 7 - All Projects.
21017-195		Unit 7 - Boiler Plant Equipment.
21018-227	1994	Unit 8 - Preheater.
21018-186	1992	Unit 8 - Combustion Controls.
2102-47-84	1984	Unit 8 - Primary Superheater & Economizer.
2102-49-84	1984	Unit 8 - Reheater.
21018-239		Unit 8 - High Pressure Heater.
21018-243		Unit 8 - All Projects.
21018-240		Unit 8 - Secondary Superheater, Heater.
2101-17	1982	Unit 8 - Secondary Superheater.

Job Reference Number	Date in Service	Description
2109-95	1995	Unit 9 - All Projects (regulator, furnace).
21019-239	1995	Unit 9 - Superheater.
21019-241	1995	Unit 9 - Heater.
21019-238	1995	Unit 9 - All Projects, Burners/Dampers.
21010-244	1994	Unit 10 - Economizer tubes, ABB-C.
21017-185	1994	Unit 7 - High pressure turbine casing.
2102-47-84	1984	Unit 8 - Primary superheater and economizer section.

Alabama Power - Greene County Steam Plant:

Job Reference Number	Date in Service	Description
1101-40-86	1986	Unit 1 - Superheater pendants and outlet headers.
1101-98-82 1101-98-83	1982 1983	Unit 2 - Economizer.
11010-847-90	1990	Unit 2 - Reheater sections, low and high temperature.

Georgia Power - Bowen Steam Plant:

Work Order Number	Date in Service	Description
4671004581	1981	Structural metal and truss.
4700000014	1984	Economizer.
2392103163	1996	Unit 1 - Superheater.
2443103193	1997	Unit 1 - Superheater.
0400103125	1988	Unit 1 - Low pressure heater.
0358103105	1986	Unit 1 - Heater.

Work Order Number	Date in Service	Description
0422103235	1992	Unit 2 - Economizer.
0444103259	1997	Unit 2 - Superheater.
2445103282	1997	Unit 2 - Superheater tubes.
0358103204	1985	Unit 2 - Heater.
0358103206	1986	Unit 2 - Heater.
2401103369	1995	Unit 3 - Reheater.
2464103305	1997	Unit 3 - Economizer.
4734000014	1984	Unit 4 - Economizer.
4795103401	1985	Unit 4 - Boiler drum.
2407103463	1995	Unit 4 - Reheater.

Georgia Power - Branch Steam Plant

Work Order Number	Date in Service	Description
4789006740	1978	Unit 2 - Structural metal and truss.
0588104213	1988	Unit 2 - Superheater.
0615104236	1993	Unit 2 - Superheater.
0603104223	1993	Unit 2 - Heater bundles.
4700004106	1984	Unit 3 - Structural metal and truss.
4779004742	1982	Unit 3 - Heater.
4758004305	1984	Turbine spindle or shaft.
0570104311	1986	Unit 3 - Complete turbine generator rotor.
4700004163	1979	Unit 4 - Structural metal and truss.
4797006174	1982	Unit 4 - Structural metal and truss.
4700004106	1984	Unit 4 - Structural metal and truss.

Work Order Number	Date in Service	Description
4712002864	1980	Unit 4 - Turbine spindle or shaft.
0569104408	1987	Unit 4 - Stationary blading.
0597104427	1992	Unit 4 - Stationary blading.
0569104409	1987	Unit 4 - Complete stator. Complete rotor.

Georgia Power - Hammond Steam Plant:

Work Order Number	Date in Service	Description
0712105445	1994	Unit 4 - Turbine spindle or shaft. Stationary blading.
0686105421	1992	Unit 4 - Reheater.
0692105429	1992	Unit 4 - Heater bundles.
0710105317	1993	Unit 3 - Rotating blading.
4779003788	1978	Unit 4 - Structural metal and truss.
0688105424	1990	Unit 4 - Complete turbine rotor.

Georgia Power - Mitchell Steam Plant:

Work Order Number	Date in Service	Description
3422108370	1997	Unit 3 - Complete turbine rotor.

Georgia Power - Wansley Steam Plant:

Work Order Number	Date in Service	Description
3742110143	1996	Unit 1 - Reheater tubes.
1177110222	1992	Unit 2 - Heater.

Georgia Power - Yates Steam Plant:

Work Order Number	Date in Service	Description
1366111614	1993	Unit 6 - Enclosure walls.
3969111628	1996	Unit 6 - Economizer.
1299111725	1994	Unit 7 - Economizer.
4116111718	1996	Unit 7 - Set of burners.

Gulf Power - Crist Steam Plant:

GWO	PE	Date in Service	Description
1106	81	1990	Unit 6 - Reheater.
1106	80	1991	Unit 6 - Heater bundles.
1106	13	1996	Unit 6 - Modification (ECRC).
1107	52	1996	Unit 7 - Economizers.
1107	99	1992	Unit 7 - Heater bundles.
1107	26	1993	Unit 7 - Burners (ECRC).
1107	26	1993	Unit 7 - Modification (ECRC).
388	746	1981	Unit 7 - West turbine drive.

Gulf Power - Scholtz Steam Plant:

GWO	PE	Date in Service	Description
452	779	1981	Unit 1 - Economizer.

Mississippi Power - Watson Steam Plant:

GWO	ID	Date in Service	Description
112402	00004	0393	Unit 4 - Economizer.
112413	00011	1184	Unit 4 - Reheater section replacement.
112520	Ecnzr	0785	Unit 5 - Lower economizer.
112579	00001	0293	Unit 5 - Economizer.
112515	00001	1290	Unit 5 - High temperature reheater consisting of 63 tube bundles of SA213-T22 tubes.
112549	11111	0689	Unit 5 - Finishing superheaters.
11150	10034	0683	Unit 5 - Ductwork including structural steel.
11150	10037	0683	Unit 5 - Ductwork including structural steel.

Mississippi Power - Daniel Steam Plant:

GWO	ID	Date in Service	Description
113119	00002	1295	Unit 1 - Condenser tube bundles - including 4 each expansion joints and cathodic protection anodes.

Mississippi Power - Watson 5 ECO:

GWO	ID	Date in Service	Description
122506	00002	0694	ABB - Air preheater model #29.5 Ljungstrom horizontal tri sector air heater.

Savannah Electric - Kraft Steam Plant:

PE #	Date in Service	Description
1204	1985	PW #3 - Boiler, convert to balance draft.

SEGCO - Gaston Steam Plant

Location	Job	Date in Service	Description
99050	612	1987	Unit 1 - Secondary superheaters.
99050	654	1987	Unit 1 - Horizontal primary superheater.
99050	744	1989	Unit 2 - Secondary superheaters.
99050	735	1989	Unit 2 - Primary superheaters, horizontal.
99050	736	1989	Unit 2 - Economizer, 159 asy.
99050	630	1986	Unit 3 - Economizer.
99050	605	1986	Unit 3 - Superheaters.
99050	605	1986	Unit 3 - Reheaters.

Appendix C

EPA requires Southern to provide the information requested in this letter in accordance with the following schedule:

- (a) **Section 1, General System-wide Information (for all fuel types unless otherwise noted)**, by June 14, 1999;
- (b) **Section 2, Plant-wide Information**, by June 7, 1999;
- (c) **Section 3, Capital Improvement Projects**, by June 21, 1999;
- (d) **Section 4, Fuels**, by June 7, 1999;
- (e) **Section 5, Emissions Data**, by June 7, 1999; and,
- (f) **Section 6, Pollution Controls**, by June 21, 1999.

Part 70 Operating Permit

Permit Number: 4911-207-0008-V-01-0 **Effective Date:** January 1, 2000

Facility Name: Scherer Steam-Electric Generating Plant

Facility Address: 10986 Highway 87
Juliette, Georgia 31046 (Monroe County)

Mailing Address: 241 Ralph McGill Blvd. S.E., Bin 10221
Atlanta, Georgia 30308

Parent/Holding Company: The Southern Company
Georgia Power Company

Facility AIRS Number: 04-13- 207-00008 **Primary SIC:** 4911

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to or in effect under the Act, the Permittee described above is issued a Part 70 Permit for:

Electric utility plant including four steam electric generating units.

This Permit is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted or in effect under that Act, or any other condition of this Permit. Unless modified or revoked, this Permit expires five years after the effective date indicated above.

This Permit may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Title V Application No. TV-9298 which was determined to be complete on February 25, 1997; any other applications upon which this Permit is based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 35 pages, which pages are a part of this Permit.

Director
Environmental Protection Division

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Note: Citations in brackets provide underlying regulatory authority for permit requirements. Refer to Attachment C.

PART 1.0 FACILITY DESCRIPTION

1.1 Site Determination

There are no other facilities which could possibly be contiguous or adjacent and under common control.

1.2 Previous and/or Other Names

This facility is commonly known and referred to as Plant Scherer. No other names were identified.

1.3 Overall Facility Process Description

Plant Scherer burns fossil fuel to generate electricity. This facility includes four steam electric generating units which primarily burn coal. All four units exhaust through their own 1000 ft stack.

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PART 2.0 REQUIREMENTS PERTAINING TO THE ENTIRE FACILITY

2.1 Emission Limits

None.

2.2 Facility Wide Federal Rule Standards

None applicable.

2.3 Facility Wide SIP Rule Standards

None applicable.

2.4 Facility Wide Standards Not Covered by a Federal or SIP Rule and Not Instituted as an Emission Cap or Operating Limit

None applicable.

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PART 3.0 REQUIREMENTS FOR EMISSION UNITS

Note: Except where an applicable requirement specifically states otherwise, the averaging times of any of the Emissions Limitations or Standards included in this permit are tied to or based on the run time(s) specified for the applicable reference test method(s) or procedures required for demonstrating compliance.

3.1 Emission Units

Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements / Standards	Corresponding Permit Conditions	ID No.	Description
SG01	Steam Generator Unit 1	40 CFR 60 Subpart D, 391-3-1-.02(2)(d), (g), and Acid Rain	3.2.1, 3.2.2, 3.2.3, 3.2.4, 3.3.1, 3.3.2, 3.3.3, 3.3.4, 3.3.5, and Section 7.9	EP01	ESP
SG02	Steam Generator Unit 2	40 CFR 60 Subpart D, 391-3-1-.02(2)(d), (g), and Acid Rain	See SG01	EP02	ESP
SG03	Steam Generator Unit 3	40 CFR 60 Subpart D, 391-3-1-.02(2)(d), (g), and Acid Rain	See SG01	EP03	ESP
SG04	Steam Generator Unit 4	40 CFR 60 Subpart D, 391-3-1-.02(2)(d), (g), and Acid Rain	See SG01	EP04	ESP
SB01	Start-up Boiler Unit 1	391-3-1-.02(2)(d) and (g)	3.2.5, 3.4.1, 3.4.2, 3.4.3	none	n/a
SB02	Start-up Boiler Unit 2	391-3-1-.02(2)(d) and (g)	See SB01	none	n/a
CHS	Coal Handling System	40 CFR 60 Subpart Y and 391-3-1-.02(2)(n)	3.3.6, 3.4.4	none	n/a
AHS	Ash Handling System	391-3-1-.02(2)(n)	3.4.4, 3.4.5	none	n/a

* Generally Applicable Requirements contained in this permit may apply also to emission units listed above.

3.2 Equipment Emission Caps and Operating Limits

3.2.1 State Only Enforceable Condition.

The Permittee shall not fire any fuel other than coal in the steam generating units (emission unit IDs SG01, SG02, SG03, and SG04) except for the following:
[391-3-1-.03(2)(c)]

- a. No. 2 fuel oil may be burned during start-up, shutdown, to assist in achieving peak load, and flame stabilization.
- b. Small quantities of sawdust, as indicated in Condition 3.2.2(a), may be blended and fired with the coal.

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- c. Small quantities of biomass, as indicated in Condition 3.2.2(b), may be blended and fired with the coal. Biomass, as used in this permit, shall include, but not be limited to, paper, vegetative matter, or wood chips. Biomass shall not include sawdust.
- d. Small quantities of used oil, as indicated in Condition 3.2.2(c) which meets the specifications in Condition 3.2.4 and is generated on-site, may be burned.

3.2.2 State Only Enforceable Condition.

The Permittee shall not fire sawdust, biomass, or used oil, in the steam generating units (emission unit IDs SG01, SG02, SG03, and SG04), in excess of the amounts listed below. These limits apply to all steam generating units combined.

[391-3-1-.03(2)(c)]

- a. 4,000 tons per month of sawdust.
- b. 100 tons per month of biomass.
- c. 100,000 gallons of used oil during any 12 consecutive month period.

3.2.3 State Only Enforceable Condition.

The Permittee shall not burn used oil in any steam generating unit (emission unit IDs SG01, SG02, SG03, or SG04) during periods of startup or shutdown. For the purposes of this permit, startup shall be defined as the period lasting from the time the first oil fire is established in the furnace until the time that mill/burner performance and secondary air temperature are adequate to maintain an exiting gas temperature above the sulfuric acid dew point.

[391-3-1-.03(2)(c)]

3.2.4 State Only Enforceable Condition.

The Permittee may only burn used oil which meets the specifications listed below:

Constituent/Property	Allowable Level
Total Halogens	4000 ppm maximum
PCBs	50 ppm maximum

Used oil which does not meet these specifications may not be burned. Used oil may not be diluted or blended in order to meet these specifications.

[391-3-1-.03(2)(c)]

3.2.5 The Permittee shall not fire any fuel other than #2 fuel oil in the start-up boilers (emission unit IDs SB01 or SB02).

[391-3-1-.03(2)(c)]

3.3 Equipment Federal Rule Standards

- 3.3.1 Steam generating units with emission unit IDs SG01, SG02, SG03, and SG04 shall comply with all applicable requirements in 40 CFR Part 60 - Standards of Performance for New Stationary Sources, Subpart A - General Provisions.
[40 CFR 60 Subpart A]
- 3.3.2 The Permittee shall not discharge or cause the discharge into the atmosphere from any steam generating unit (emission unit IDs SG01, SG02, SG03, or SG04), or steam generating source, any gases which contain particulate matter in excess of 0.10 lb/mmBtu heat input.
[40 CFR 60.42(a)(1), 391-3-1-.02(2)(d)2(iii)]
- 3.3.3 The Permittee shall not discharge or cause the discharge into the atmosphere from any steam generating unit (emission unit IDs SG01, SG02, SG03, or SG04) any gases that exhibit equal to or greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.
[40 CFR 60.42(a)(2), 391-3-1-.02(2)(d)3]
- 3.3.4 The Permittee shall not discharge or cause the discharge into the atmosphere from any steam generating unit (emission unit IDs SG01, SG02, SG03, or SG04), or steam generating source, any gases which contain sulfur dioxide in excess of 1.2 lb/mmBtu heat input.
[40 CFR 60.43(a)(2), 391-3-1-.02(2)(g)1(ii)]
- 3.3.5 The Permittee shall not discharge or cause the discharge into the atmosphere from any steam generating unit (emission unit IDs SG01, SG02, SG03, or SG04), or steam generating source, any gases which contain nitrogen oxides in excess of 0.7 lb/mmBtu heat input.
[40 CFR 60.44(a)(3), 391-3-1-.02(2)(d)4(i)]
- 3.3.6 The percent opacity from the coal handling system (emission unit ID CHS) shall not equal or exceed 20 percent.
[40 CFR 60.252(c), 391-3-1-.02(2)(n)2]

3.4 Equipment SIP Rule Standards

- 3.4.1 The Permittee shall not discharge or cause the discharge into the atmosphere from any start-up boiler (emission unit IDs SB01 or SB02) any gases which contain particulate matter in excess of the rate derived from $E = 0.5 \times (10/R)^{0.5}$ where E equals the allowable particulate emission rate in pounds per million Btu heat input and R equals the heat input in million Btu per hour.
[391-3-1-.02(2)(d)2(ii)]
- 3.4.2 The Permittee shall not discharge or cause the discharge into the atmosphere from any start-up boiler (emission unit IDs SB01 or SB02) any gases that exhibit equal to or greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity.
[391-3-1-.02(2)(d)3]

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- 3.4.3 The Permittee shall not fire any fuel in any start-up boiler (emission unit IDs SB01 or SB02) that contains greater than 3.0 percent sulfur, by weight.
[391-3-1-.02(2)(g)2]
- 3.4.4 The Permittee shall take all reasonable precautions with the coal handling system (emission unit ID CHS) and the ash handling system (emission unit ID AHS) to prevent fugitive emissions of air contaminants.
[391-3-1-.02(2)(n)1]
- 3.4.5 The percent opacity from the ash handling system (emission unit ID AHS) shall not equal or exceed 20 percent.
[391-3-1-.02(2)(n)2]

3.5 Equipment Standards Not Covered by a Federal or SIP Rule and Not Instituted as an Emission Cap or Operating Limit

None

PART 4.0 REQUIREMENTS FOR TESTING**4.1 General Testing Requirements**

- 4.1.1 The Permittee shall cause to be conducted a performance test at any specified emission point when so directed by the Environmental Protection Division ("Division"). The test results shall be submitted to the Division within 30 days of the completion of the testing. Any tests shall be performed and conducted using methods and procedures which have been previously specified or approved by the Division.
[391-3-1-.02(6)(b)1(i)]
- 4.1.2 The Permittee shall provide the Division thirty (30) days prior written notice of the date of any performance test(s) to afford the Division the opportunity to witness and/or audit the test, and shall provide with the notification a test plan in accordance with Division guidelines.
[391-3-1-.02(3)(a)]
- 4.1.3 Performance and compliance tests shall be conducted and data reduced in accordance with applicable procedures and methods specified in the Division's **Procedures for Testing and Monitoring Sources of Air Pollutants**. The methods for the determination of compliance with emission limits listed under Sections 3.2, 3.3, and 3.4 which pertain to the emission units listed in Section 3.1 are as follows:
- a. Method 1 for selection of sampling site and number of traverse points.
 - b. Method 2 shall be used for stack gas flow rate.
 - c. Method 3 shall be used for stack gas molecular weight.
 - d. Method 3B shall be used to determine the emissions rate correction factor or excess air. For Method 3B, Method 3A may be used as an alternative.
 - e. Method 4 shall be used for moisture determination.
 - f. Method 5 or Method 17 shall be used to determine particulate matter concentration.
 - g. Method 6 or 6C shall be used for sulfur dioxide emissions.
 - h. Method 7 or 7E shall be used for nitrogen oxide emissions.
 - i. Method 9 and Section 1.3 of the Procedures Manual for the determination of the opacity of visible emissions.
 - j. Method 19 shall be used for determining particulate matter, sulfur dioxide, and nitrogen oxides emission rates.

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Minor changes in methodology may be specified or approved by the Director or his designee when necessitated by process variables, changes in facility design, or improvement or corrections which, in his opinion, render those methods or procedures, or portions thereof, more reliable.

[391-3-1-.02(3)(a)]

4.2 Specific Testing Requirements

4.2.1 The Permittee shall conduct the following performance tests on the following emissions units at the frequency specified:

- a. Particulate matter tests on Steam Generating Units 1, 2, 3, and 4 (emissions unit IDs SG01, SG02, SG03 and SG04). The tests shall be conducted annually at approximately twelve month intervals not to exceed thirteen months between tests. The Permittee may, if test results from the previous annual tests are fifty percent or less of the limitation in Condition 3.3.2, request that testing be deferred for a period no greater than twelve months from the required annual test date. Such request shall be in written form at least thirty days prior to the scheduled test.

[391-3-1-.02(6)(b)1(i)]

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PART 5.0 REQUIREMENTS FOR MONITORING (and Related Record Keeping and Reporting)

5.1 General Monitoring Requirements

5.1.1 Any monitoring system installed by the Permittee shall be in continuous operation and data recorded during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Data shall be recorded during calibration checks and zero and span adjustments. Maintenance or repair shall be conducted in the most expedient manner to minimize the period during which the system is out of service.
[391-3-1-.02(6)(b)1]

5.2 Specific Monitoring Requirements

5.2.1 The Permittee shall install, calibrate, maintain, and operate continuous monitoring systems for the measurement of the following pollutants on the following equipment. Each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. A Continuous Opacity Monitoring System on Steam Generating Units 1, 2, 3, and 4 (emissions unit IDs SG01, SG02, SG03, and SG04).
- b. A Continuous Emissions Monitoring System for the measurement of Nitrogen Oxides emissions from Steam Generating Units 1, 2, 3, and 4 (emissions unit IDs SG01, SG02, SG03, and SG04).

5.2.2 For the purposes of reporting excess emissions as required in Condition 5.3.1, the following shall be reported:

[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. Any six-minute average opacity, as recorded by the Continuous Opacity Monitoring System installed on Steam Generating Units 1, 2, 3, and 4, that exceeds 20 percent, except that one six-minute average per hour of up to 27 percent need not be reported.
- b. Any three-hour average nitrogen oxides emission rate, as measured by the continuous emissions monitoring system installed on Steam Generating Units 1, 2, 3, and 4, that exceeds 0.7 lb/mmBtu.

5.2.3 For each day or portion of a day that coal is burned in Steam Generating Units 1, 2, 3, and 4, the Permittee shall obtain a sample of as-bunkered coal for analysis for sulfur content (%S), moisture content, and Gross Caloric Value (GCV). The sample shall be acquired and analyzed using the procedures of Section 5.2.1 in Method 19 of the Division's **Procedures for Testing and Monitoring Sources of Air Pollutants**.

[391-3-1-.02(6)(b)1(i) and 40 CFR 70.6(a)(3)(i)]

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- 5.2.4 The Permittee shall monitor sulfur dioxide in Steam Generating Units 1, 2, 3, and 4 using the following procedures:
[40 CFR 60.45(b)(2) and 40 CFR 70.6(a)(3)(i)]
- a. The daily sulfur content and GCV shall be used to calculate a daily SO₂ emission rate in pounds per million BTU.
 - b. The daily SO₂ emission rate shall be used to calculate 30-day rolling averages.
- 5.2.5 For the purposes of the report required by Condition 5.3.1, the following information shall be reported;
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(iii)(A)]
- a. The daily coal sulfur analysis and sulfur dioxide emissions.
 - b. The 30-day rolling sulfur dioxide averages.
 - c. Identification of all 30-day periods during which the average sulfur dioxide emission rate exceeded the limit in Condition 3.3.4 along with the corrective action taken.
- 5.2.6 For each shipment of No. 2 fuel oil received, the Permittee shall obtain from the supplier of the fuel oil, a statement certifying that the oil complies with the specifications of No. 2 fuel oil contained in ASTM D 396.
[391-3-1-.02(6)(b)1(i) and 40 CFR 70.6(a)(3)(i)]
- 5.2.7 **State Only Enforceable Condition.**
The Permittee shall, for each lot of used oil to be burned in Steam Generating Units 1, 2, 3, and 4, obtain a sample for analysis of the constituents/property listed in Condition 3.2.4. The sample shall be obtained before the used oil is transferred to the storage tank from which oil will be drawn for burning. In lieu of the requirement to sample each lot of used oil prior to transfer, the Permittee may develop for approval by the Division a custom schedule for sampling used oil to be burned at this facility. The sample(s) shall be obtained and analyzed using the following methods;
[391-3-1-.02(6)(b)1(i)]
- a. The procedures described in U.S. Environmental Protection Agency document EPA-600/2-80-018 (*Samplers and Sampling Procedures for Hazardous Waste Streams*) shall be used to obtain the sample.
 - b. Method 6010B, contained in the SW-846 methods manual of U.S. Environmental Protection Agency's Office of Solid Waste, shall be used to determine concentrations of Arsenic, Cadmium, Chromium, and Lead.
 - c. SW-846 Method 8010 shall be used to determine total Halogens.
 - d. ASTM D 93 shall be used to determine flash point.

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- e. Polychlorinated Biphenyls (PCB) shall be determined using the test method described in U.S. Environmental Protection Agency Document EPA-600/4-81-045 (*The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oil*).

- 5.2.8 For each day or portion of a day that coal is unloaded at the facility, the Permittee shall, prior to coal being unloaded, perform an inspection of the dust suppression system to ensure that all spray nozzles are operating with adequate water pressure and flow for effective dust control. The Permittee shall record the date and time of each inspection as well as the findings of such inspection (i.e. identify if all the spray nozzles were operational and if the water pressure and flow were adequate for effective dust control).
[40 CFR 60.252(c) and 40 CFR 70.6(a)(3)(i)]

5.3 Record Keeping and Reporting Requirements

- 5.3.1 The Permittee shall submit written reports to the Division of deviations and/or excess emissions from the applicable limitations or standards as specified in Section 5.2 and malfunctions of the monitors required by Section 5.2 for each quarter ending March 31, June 30, September 30, and December 31 of each year. All reports shall be postmarked by the 30th day following the end of each reporting period. In the event that there have not been any deviations, excess emissions, or malfunctions during a reporting period, the report should state same. Otherwise, the contents of each report shall be as specified by the Division's **Procedures for Testing and Monitoring Sources of Air Pollutants** and shall contain the following:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(iii)(A)]
 - a. A summary report of deviations and/or excess emissions and monitor downtime prepared in accordance with Section 1.5(c) and (d) of those procedures, including any failure to follow required work practice procedures.
 - b. Total process operating time during each reporting period.
 - c. The magnitude of deviations and/or excess emissions computed in accordance with Section 5.2 of the permit, any conversion factors used, and the date and time of the commencement and completion of each time period of such deviations and/or excess emissions.
 - d. Specific identification of each period of such deviation(s) and/or excess emissions that occurs during startups, shutdowns, or malfunctions of the affected facility. The nature and cause of any malfunction (if known), the corrective action taken or preventive measures adopted.
 - e. The date and time identifying each period during which any required monitoring system or device was inoperative (including periods of malfunction) except for zero and span checks, and the nature of the repairs, adjustments, or replacement. When the monitoring system or device has not been inoperative, repaired, or adjusted, such information shall be stated in the report.

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- f. Certification by a Responsible Official that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
- 5.3.2 Where applicable, the Permittee shall keep the following records of required monitoring information:
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(3)(ii)(A)]
- a. The date, place, and time of sampling or measurement;
 - b. The date(s) analyses were performed;
 - c. The company or entity that performed the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of such analyses; and
 - f. The operating conditions as existing at the time of sampling or measurement.
- 5.3.3 The Permittee shall maintain files of all measurements, including continuous monitoring systems, monitoring devices, and performance testing measurements; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices. These files shall be kept in a permanent form suitable for inspection and shall be maintained for a period of at least five (5) years following the date of such measurements, reports, maintenance and records.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(3)(ii)(B)]
- 5.3.4 The Permittee shall submit written reports of the 30 day SO₂ rolling average and the analyses of the coal, fuel oil, and used oil burned in Steam Generating Units 1, 2, 3, and 4 and Start-up Units 1 and 2. Reports shall be submitted for each quarter ending on March 31, June 30, September 30, and December 31. All reports shall be postmarked by the 30th day following the end of each reporting period.
[391-3-1-.02(6)(b)1(i)]
- 5.3.5 The Permittee shall maintain a record of all actions taken in accordance with Condition 3.4.4 to suppress fugitive dust from the coal handling system (emission unit ID CHS) and the ash handling system (emission unit ID AHS). Such records shall include the date and time of occurrence and a description of the actions taken.
[391-3-1-.02(6)(b)1(i) and 40 CFR 70.6(a)(3)(i)]
- 5.3.6 The Permittee may submit, via electronic media, any report required by Section 5.0 of this permit provided such format has been approved by the Division.

PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS**6.1 General Record Keeping and Reporting Requirements**

- 6.1.1 Unless otherwise specified, all records required to be maintained by this Permit shall be recorded in a permanent form suitable for inspection and submission to the Division and to the EPA. The records shall be retained for at least five (5) years following the date of entry. [391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(3)(ii)(B)]
- 6.1.2 In addition to any other reporting requirements of this Permit, the Permittee shall report to the Division in writing, within seven (7) days, any deviations from applicable requirements associated with:
- a. Any malfunction or breakdown of process, fuel burning, or emissions control equipment for a period of four hours or more which results in excess emissions; or
 - b. Any failure to perform required maintenance, as specified in the permit, which results in excess emissions.

The Permittee shall submit a written report which shall contain the probable cause of the deviation(s), duration of the deviation(s), and any corrective actions or preventive measures taken.

[391-3-1-.02(6)(b)1(iv), 391-3-1-.03(10)(d)1(i), and 40 CFR 70.6(a)(3)(iii)(B)]

6.2 Specific Record Keeping and Reporting Requirements**6.2.1 State Only Enforceable Condition.**

The Permittee shall retain monthly records of all fuel burned in the steam generating units with emission unit IDs SG01, SG02, SG03, and SG04, for five years after the date and year of record. The records shall be available for inspection or submittal to the Division, upon request, and contain the following:

[391-3-1-.02(6)(b)1(i)]

- a. Quantity (tons) of coal burned.
- b. Quantity (gallons) of distillate oil, No. 2 fuel oil, or very low sulfur oil burned.
- c. Quantity (tons) of sawdust received.
- d. Quantity (tons) of biomass received.
- e. Quantity (gallons) of used oil burned.

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6.2.2 State Only Enforceable Condition.

The Permittee shall maintain records of representative samples of the coal and sawdust burned in the steam generating units with emission unit IDs SG01, SG02, SG03, and SG04. Should the Permittee become aware that the actual value (coal ash content or sawdust heat content) is significantly different ($> \pm 10\%$) from the most recent representative sample then the Permittee shall obtain another sample value. The records shall be available for inspection or submittal to the Division, upon request, and contain the following:
[391-3-1-.02(6)(b)1(i)]

- a. Percent ash content of coal.
- b. Heat content (Btu per pound) of sawdust.

PART 7.0 OTHER SPECIFIC REQUIREMENTS**7.1 Operational Flexibility**

7.1.1 The Permittee may make Section 502(b)(10) changes as defined in 40 CFR 70.2 without requiring a Permit revision, if the changes are not modifications under any provisions of Title I of the Federal Act and the changes do not exceed the emissions allowable under the Permit (whether expressed therein as a rate of emissions or in terms of total emissions). For each such change, the Permittee shall provide the Division and the EPA with written notification as required below in advance of the proposed changes and **shall obtain any Permits required under Rules 391-3-1-.03(1) and (2)**. The Permittee and the Division shall attach each such notice to their copy of this Permit.

[391-3-1-.03(10)(b)5 and 40 CFR 70.4(b)(12)(i)]

- a. For each such change, the Permittee's written notification and **application for a construction Permit shall be submitted well in advance of any critical date** (typically at least 90 days in advance of any commencement of construction, Permit issuance date, etc.) involved in the change, but no less than seven (7) days in advance of such change and shall include a brief description of the change within the Permitted facility, the date on which the change is proposed to occur, any change in emissions, and any Permit term or condition that is no longer applicable as a result of the change.
- b. The Permit shield described in Condition 8.16.1 shall not apply to any change made pursuant to this condition.

7.2 Off-Permit Changes

7.2.1 The Permittee may make changes that are not addressed or prohibited by this Permit, other than those described in Condition 7.2.2 below, without a Permit revision, provided the following requirements are met:

[391-3-1-.03(10)(b)6 and 40 CFR 70.4(b)(14)]

- a. Each such change shall meet all applicable requirements and shall not violate any existing Permit term or condition.
- b. The Permittee must provide contemporaneous written notice to the Division and to the EPA of each such change, except for changes that qualify as insignificant under Rule 391-3-1-.03(10)(g). Such written notice shall describe each such change, including the date, any change in emissions, pollutants emitted, and any applicable requirement that would apply as a result of the change.
- c. The change shall not qualify for the Permit shield in Condition 8.16.1.
- d. The Permittee shall keep a record describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the Permit, and the emissions resulting from those changes.
- e. **The source shall obtain any Permits required under Rules 391-3-1-.03(1) and (2).**

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7.2.2 The Permittee shall not make, without a Permit revision, any changes that are not addressed or prohibited by this Permit, if such changes are subject to any requirements under Title IV of the Federal Act or are modifications under any provision of Title I of the Federal Act.
[Rule 391-3-1-.03(10)(b)7 and 40 CFR 70.4(b)(15)]

7.3 Alternative Requirements - Not Applicable
[391-3-1-.03(10)(d)8 and White Paper #2]

7.4 Insignificant Activities
(See Attachment B for the list of Insignificant Activities in existence at the facility at the time of permit issuance.)

7.5 Temporary Sources - Not Applicable
[391-3-1-.03(10)(d)5 and 40 CFR 70.6(e)]

7.6 Short-term Activities
[see Section 4.40 of Permit application and White Paper #1]

7.6.1 The Permittee shall maintain records of the duration and frequency of the following Short-term Activities:

- a. Painting for maintenance purposes.
- b. Sand blasting for maintenance purposes.
- c. Asbestos removal in accordance with Georgia Rule 391-3-1-.02(9)(b)7.

These activities shall be conducted without unreasonably interfering with the enjoyment of life or use of property in any affected area of this State.
[391-3-1-.02(2)(a)1]

7.7 Compliance Schedule/Progress Reports - Not Applicable
[391-3-1-.03(10)(d)3 and 40 CFR 70.6(c)(4)]

7.8 Emissions Trading - Not Applicable
[391-3-1-.03(10)(d)1(ii) and 40 CFR 70.6(a)(10)]

7.9 Acid Rain Requirements

Facility ORIS code: 6257
Effective: January 1, 2000 through December 31, 2004

7.9.1 Emissions which exceed any allowances that the permittee lawfully holds under Title IV of the 1990 CAAA, or the regulations promulgated thereunder, are expressly prohibited.
[40 CFR 70.6(a)(4)]

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- 7.9.2 Permit revisions are not required for increases in emissions that are authorized by allowances acquired pursuant to the State's Acid Rain Program, provided that such increases do not require a permit revision under any other applicable requirement.
[40 CFR 70.6(a)(4)(i)]
- 7.9.3 This permit does not place limits on the number of allowances the permittee may hold. However, the permittee may not use allowances as a defense to noncompliance with any other applicable requirement.
[40 CFR 70.6(a)(4)(ii)]
- 7.9.4 Any allowances held by the permittee shall be accounted for according to the procedures established in regulations promulgated under Title IV of the 1990 CAAA.
[40 CFR 70.6(a)(4)(iii)]
- 7.9.5 Each affected unit, with the exceptions specified in 40 CFR 72.9(g)(6), operated in accordance with the Acid Rain portion of this permit shall be deemed to be operating in compliance with the Acid Rain Program.
[40 CFR 70.6(f)(3)(iii)]
- 7.9.6 Where an applicable requirement is more stringent than an applicable requirement of regulations promulgated under Title IV of the 1990 CAAA, both provisions shall be incorporated into the permit and shall be enforceable.
[40 CFR 70.6(a)(1)(ii)]

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**7.9.7 SO₂ Allowance Allocations and NO_x Requirements for each affected unit
[40 CFR 73 (SO₂) and 40 CFR 76 (NO_x)]**

			2000	2001	2002	2003	2004
EMISSION UNIT ID SG01	EPA ID 1	SO ₂ Allowances	20904	20904	20904	20904	20904
		NO _x Limit	The standard annual average NO _x limit for a Phase II tangentially fired boiler is 0.40 lb/mmBtu. In lieu of this limit, the Permittee may comply with 40 CFR Part 76 by complying with an approved Phase II NO _x averaging plan as described below.				
<p>Pursuant to 40 CFR 76.11, Georgia EPD approves five NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.50 lb/mmBtu. In addition, this unit shall not have an annual heat input greater than 52,573,864 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In accordance with 40 CFR 72.40(b)(2), approval of the averaging plan shall be final only when the Mississippi Department of Environmental Quality, the Alabama Department of Environmental Management, the Florida Department of Environmental Protection, and the Jefferson County Department of Health (Alabama) have also approved this averaging plan.</p> <p>In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>							

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		2000	2001	2002	2003	2004
EMISSION UNIT ID	EPA ID	SO ₂ Allowances	21052	21052	21052	21052
	SG02	2	NO _x Limit			
<p>Pursuant to 40 CFR 76.11, Georgia EPD approves five NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.50 lb/mmBtu. In addition, this unit shall not have an annual heat input greater than 55,563,600 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In accordance with 40 CFR 72.40(b)(2), approval of the averaging plan shall be final only when the Mississippi Department of Environmental Quality, the Alabama Department of Environmental Management, the Florida Department of Environmental Protection, and the Jefferson County Department of Health (Alabama) have also approved this averaging plan.</p> <p>In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>						

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		2000	2001	2002	2003	2004
EMISSION UNIT ID	EPA ID	SO ₂ Allowances	21086	21086	21086	21086
	SG03	3	NO _x Limit			
<p>Pursuant to 40 CFR 76.11, Georgia EPD approves five NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.26 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 37,912,770 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In accordance with 40 CFR 72.40(b)(2), approval of the averaging plan shall be final only when the Mississippi Department of Environmental Quality, the Alabama Department of Environmental Management, the Florida Department of Environmental Protection, and the Jefferson County Department of Health (Alabama) have also approved this averaging plan.</p> <p>In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>						

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			2000	2001	2002	2003	2004
EMISSION UNIT ID SG04	EPA ID 4	SO ₂ Allowances	21062	21062	21062	21062	21062
		NO _x Limit	The standard annual average NO _x limit for a Phase II tangentially fired boiler is 0.40 lb/mmBtu. In lieu of this limit, the Permittee may comply with 40 CFR Part 76 by complying with an approved early election compliance plan and Phase II NO _x averaging plan as described below.				

Pursuant to 40 CFR 76.8(d)(2), Georgia EPD approves a NO_x early election compliance plan for this unit. The compliance plan is effective for calendar year 2000 through calendar year 2007. Under the compliance plan, this unit's annual average NO_x emission rate for each year, determined in accordance with 40 CFR part 75, shall not exceed the applicable emission limitation, under 40 CFR 76.5(a)(2) of **0.45 lb/mmBtu** for tangentially fired boilers. If the unit is in compliance with its applicable emission limitation for each year of the plan, then the unit shall not be subject to the applicable emission limitation, under 40 CFR 76.7(a)(2), of 0.40 lb/mmBtu until calendar year 2008.

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Pursuant to 40 CFR 76.11, Georgia EPD approves five NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.30 lb/mmBtu. In addition, this unit shall not have an annual heat input less than 70,093,731 mmBtu.

Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.

In accordance with 40 CFR 72.40(b)(2), approval of the averaging plan shall be final only when the Mississippi Department of Environmental Quality, the Alabama Department of Environmental Management, the Florida Department of Environmental Protection, and the Jefferson County Department of Health (Alabama) have also approved this averaging plan.

Notwithstanding the averaging plan described above, if this unit exceeds its applicable NO_x emission limitation under 40 CFR 76.8 (early election) of 0.45 lb/mmBtu for tangentially fired boilers, the early election plan for this unit shall be terminated in accordance with 40 CFR 76.8(e)(3) and the unit shall meet, beginning on the effective date of the termination, the applicable NO_x emission limitation under 40 CFR 76.7. Such termination shall not terminate the averaging plan described above.

In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.

- 7.9.8 Permit Application: The Phase II Acid Rain Permit Application, Compliance Plan, and NO_x Averaging Plan submitted for this source, as corrected by the State of Georgia, is attached as part of this Permit. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.
[40 CFR 72.50(a)(1)]

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7.10 Prevention of Accidental Releases (Section 112(r) of the 1990 CAAA)
[391-3-1-.02(10)]

- 7.10.1 The Permittee shall submit a Risk Management Plan (RMP) in accordance with the 40 CFR Part 68, when and if, such requirement becomes applicable. All reports and notifications required by 40 CFR Part 68 must be submitted to:

**Georgia Department of Natural Resources
Environmental Protection Division
Emergency Response Program
7 Martin Luther King Jr. Drive, Room 139
Atlanta, Georgia 30334**

7.11 Stratospheric Ozone Protection Requirements (Title VI of the CAAA of 1990)

- 7.11.1 If the Permittee performs any of the activities described below, the Permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:
- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliance must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to 40 CFR 82.166.
[Note: "MVAC-like appliance" is defined in 40 CFR 82.152.]
 - e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

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7.11.2 If the Permittee performs a service on motor (fleet) vehicles and if this service involves an ozone-depleting substance (refrigerant) in the MVAC, the Permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include air-tight sealed refrigeration systems used for refrigerated cargo, or air conditioning systems on passenger buses using HCFC-22 refrigerant.

7.12 Revocation of Existing Permits and Amendments

The following Air Quality Permits and Amendments are hereby revoked:

Air Quality Permit Number	Date of Original Permit Issuance and Date of Amendments (if any)
4911-102-7849-0	2/2/81
4911-102-8244-0	12/9/81
4911-102-8446	11/16/82
4911-102-8836	6/7/84
4911-102-9567	4/3/87, Amended 5/5/93
4911-102-10188	5/19/89, Amended 5/5/93
4911-207-0008-E-01-0	11/21/97

7.13 Pollution Prevention - Not Applicable

7.14 Specific Conditions - None

PART 8.0 GENERAL PROVISIONS**8.1 Terms and References**

- 8.1.1 Terms not otherwise defined in the Permit shall have the meaning assigned to such terms in the referenced regulation.
- 8.1.2 Where more than one condition in this Permit applies to an emission unit and/or the entire facility, each condition shall apply and the most stringent condition shall take precedence. [391-3-1-.02(2)(a)2]

8.2 EPA Authorities

- 8.2.1 Except as identified as "State-only enforceable" requirements in this Permit, all terms and conditions contained herein shall be enforceable by the EPA and citizens of the United States under the Clean Air Act, as amended, 42 U.S.C. 7401, et seq. [40 CFR 70.6(b)(1)]
- 8.2.2 Nothing in this Permit shall alter or affect the authority of the EPA to obtain information pursuant to 42 U.S.C. 7414, "Inspections, Monitoring, and Entry." [40 CFR 70.6(f)(3)(iv)]
- 8.2.3 Nothing in this Permit shall alter or affect the authority of the EPA to impose emergency orders pursuant to 42 U.S.C. 7603, "Emergency Powers." [40 CFR 70.6(f)(3)(i)]

8.3 Duty to Comply

- 8.3.1 The Permittee shall comply with all conditions of this operating Permit. Any Permit noncompliance constitutes a violation of the Federal Clean Air Act and/or State rules and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a Permit renewal application. Any noncompliance with a Permit condition specifically designated as enforceable only by the State constitutes a violation of State rules only and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a Permit renewal application. [391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(6)(i)]
- 8.3.2 The Permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the Permitted activity in order to maintain compliance with the conditions of this Permit. [391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(6)(ii)]
- 8.3.3 Nothing in this Permit shall alter or affect the liability of the Permittee for any violation of applicable requirements prior to or at the time of Permit issuance. [391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(f)(3)(ii)]

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- 8.3.4 Issuance of this Permit does not relieve the Permittee from the responsibility of obtaining any other Permits, licenses, or approvals required by Division or any other federal, state, or local agency.
[391-3-1-.03(10)(e)1(iv) and 40 CFR 70.7(a)(6)]

8.4 Fee Assessment and Payment

- 8.4.1 The Permittee shall calculate and pay an annual Permit fee to the Division. The amount of fee shall be determined each year in accordance with the "Procedures for Calculating Air Permit Fees."
[391-3-1-.03(9)]

8.5 Permit Renewal and Expiration

- 8.5.1 This Permit shall remain in effect for five (5) years from the date of issuance. The Permit shall become null and void after the expiration date unless a timely and complete renewal application has been submitted to the Division at least six (6) months, but no more than eighteen (18) months prior to the expiration date of the Permit.
[391-3-1-.03(10)(d)1(i), (e)2, and (e)3(ii) and 40 CFR 70.5(a)(1)(iii)]
- 8.5.2 Permits being renewed are subject to the same procedural requirements, including those for public participation and affected State and EPA review, that apply to initial Permit issuance.
[391-3-1-.03(10)(e)3(i)]
- 8.5.3 Notwithstanding the provisions in 8.5.1 above, if the Division has received an application for renewal, deemed it administratively complete, and failed to reissue the Permit for reasons other than cause, authorization to operate shall continue beyond the expiration date to the point of Permit modification, reissuance, or revocation.
[391-3-1-.03(10)(e)3(iii)]

8.6 Transfer of Ownership or Operation

- 8.6.1 This Permit is not transferable by the Permittee. Future owners and operators shall obtain a new Permit from the Division. The new Permit may be processed as an administrative amendment if no other change in this Permit is necessary, and provided that a written agreement containing a specific date for transfer of Permit responsibility coverage and liability between the current and new Permittee has been submitted to the Division at least thirty (30) days in advance of the transfer.
[391-3-1-.03(4)]

8.7 Property Rights

- 8.7.1 This Permit shall not convey property rights of any sort, or any exclusive privileges.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(6)(iv)]

8.8 Submissions

- 8.8.1 Reports, test data, monitoring data, notifications, annual certifications, and requests for revision and renewal shall be submitted to:

**Georgia Department of Natural Resources
Environmental Protection Division
Air Protection Branch
Atlanta Tradeport, Suite 120
4244 International Parkway
Atlanta, Georgia 30354-3908**

- 8.8.2 Any records, compliance certifications, and monitoring data required by the provisions in this Permit to be submitted to the EPA shall be sent to:

**Air and EPCRA Enforcement Branch
U. S. EPA Region 4
61 Forsyth Street
Atlanta, Georgia 30303**

- 8.8.3 Any document submitted pursuant to this Permit shall contain certification by a responsible official of its truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
[391-3-1-.03(10)(c)2 and 40 CFR 70.5(d)]
- 8.8.4 Unless otherwise specified, all submissions under the permit shall be submitted to the Division only.

8.9 Duty to Provide Information

- 8.9.1 The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the Permit application, shall promptly submit such supplementary facts or corrected information to the Division.
[391-3-1-.03(10)(c)5]
- 8.9.2 The Permittee shall furnish to the Division, in writing, information that the Division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the Permit, or to determine compliance with the Permit. Upon request, the Permittee shall also furnish to the Division copies of records that the Permittee is required to keep by this Permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the EPA, if necessary, along with a claim of confidentiality.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(6)(v)]

8.10 Modifications

- 8.10.1 Prior to any source commencing a modification as defined in 391-3-1-.01(pp) which may result in air pollution and not exempted by 391-3-1-.03(6), the Permittee shall submit a Permit application to the Division. The application shall be submitted sufficiently in advance of any critical date involved to allow adequate time for review, discussion, or revision of plans, if necessary. Such application shall include, but not be limited to, information describing the precise nature of the change, modifications to any emission control system, production capacity of the plant before and after the change, and the anticipated completion date of the change. The application shall be in the form of a Georgia air quality Permit application to construct or modify (otherwise known as a SIP application) and shall be submitted on forms supplied by the Division, unless otherwise notified by the Division.
[391-3-1-.03(1) through (8)]

8.11 Permit Revision, Revocation, Reopening and Termination

- 8.11.1 This Permit may be revised, revoked, reopened and reissued, or terminated for cause by the Division. The Permit will be reopened for cause and revised accordingly under the following circumstances:
- a. If additional applicable requirements become applicable to the source and the remaining Permit term is one (1) year or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the Permit is due to expire;
[391-3-1-.03(10)(e)6(i)(I)]
 - b. If any additional applicable requirements of the Acid Rain Program become applicable to the source;
[391-3-1-.03(10)(e)6(i)(II)] (Acid Rain sources only)
 - c. The Division or the EPA determines that the Permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Permit; or
[391-3-1-.03(10)(e)6(i)(III) and 40 CFR 70.7(f)(1)(iii)]
 - d. The Division or the EPA determines that the Permit must be revised or revoked to assure compliance with the applicable requirements.
[391-3-1-.03(10)(e)6(i)(IV) and 40 CFR 70.7(f)(1)(iv)]
- 8.11.2 Proceedings to reopen and reissue a Permit shall follow the same procedures as applicable to initial Permit issuance and shall affect only those parts of the Permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable.
[391-3-1-.03(10)(e)6(ii)]

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- 8.11.3 Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division at least thirty (30) days in advance of the date the Permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.
[391-3-1-.03(10)(e)6(iii)]
- 8.11.4 All Permit conditions remain in effect until such time as the Division takes final action. The filing of a request by the Permittee for any Permit revision, revocation, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance, shall not stay any Permit condition.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(6)(iii)]
- 8.11.5 **State Only Enforceable Condition.**
At any time that the Director determines that additional control of emissions from the facility may reasonably be needed to provide for the continued protection of public health, safety and welfare, the Division reserves the right to amend the provisions of this Permit pursuant to the Division's authority as established in the Georgia Air Quality Act and the rules adopted pursuant to that Act.
[391-3-1-.02(2)(a)3]
- 8.11.6 A Permit revision shall not be required for changes which are explicitly authorized by the conditions of this Permit.
- 8.11.7 A Permit revision shall not be required for changes that are part of an approved economic incentive, marketable Permit, emission trading, or other similar program or process for change which is specifically provided for in this Permit.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(8)]

8.12 Severability

- 8.12.1 Any condition or portion of this Permit which is challenged, becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this Permit.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(5)]

8.13 Excess Emissions

- 8.13.1 The Division may allow excess emissions in certain cases as described below.
- a. Excess emissions resulting from startup, shutdown, malfunction of any source which occur though ordinary diligence is employed shall be allowed provided that:
[391-3-1-.02(2)(a)7(i)]
- i. The best operational practices to minimize emissions are adhered to;
 - ii. All associated air pollution control equipment is operated in a manner consistent with good air pollution control practice for minimizing emissions; and

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- iii. The duration of excess emissions is minimized.
 - b. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction are prohibited and are violations of this Permit. [391-3-1-.02(2)(a)7(ii)]
 - c. Paragraphs a. and b. of this condition shall not apply if precluded by any other State or Federal regulation or elsewhere in this permit. [391-3-1-.02(2)(a)7(iii)]
- 8.13.2 An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the Permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. [391-3-1-.03(10)(d)7 and 40 CFR 70.6(g)(1)]
- 8.13.3 An emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the Permittee demonstrates, through properly signed contemporaneous operating logs or other relevant evidence, that:
[391-3-1-.03(10)(d)7 and 40 CFR 70.6(g)(2) and (3)]
- a. An emergency occurred and the Permittee can identify the cause(s) of the emergency;
 - b. The Permitted facility was at the time of the emergency being properly operated;
 - c. During the period of the emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards, or other requirements in the Permit; and
 - d. The Permittee promptly notified the Division and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- 8.13.4 In an enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency shall have the burden of proof.
[391-3-1-.03(10)(d)7 and 40 CFR 70.6(g)(4)]
- 8.13.5 The emergency conditions listed above are in addition to any emergency or upset provisions contained in any applicable requirement.
[391-3-1-.03(10)(d)7 and 40 CFR 70.6(g)(5)]

8.14 Compliance Requirements

8.14.1 Compliance Certification

The Permittee shall provide written certification to the Division and to the EPA, at least annually, of compliance with the conditions of this Permit. The annual written certification shall be postmarked no later than January 30 of each year and shall be submitted to the Division and to the EPA. The certification shall include, but not be limited to, the following elements:

[391-3-1-.03(10)(d)3 and 40 CFR 70.6(c)(5)]

- a. The identification of each term or condition of the Permit that is the basis of the certification;
- b. The status of compliance with the terms and conditions of the permit for the period covered by the certification, based on the method or means designated in paragraph c below. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 of this chapter occurred;
- c. The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period and whether such methods or other means provide continuous or intermittent data;
- d. Any other information that must be included to comply with section 113(c)(2) of the Act, which prohibits knowingly making a false certification or omitting material information; and
- e. Any additional requirements specified by the Division.

8.14.2 Inspection and Entry

- a. Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow authorized representatives of the Division and the EPA to perform the following:

[391-3-1-.03(10)(d)3 and 40 CFR 70.6(c)(2)]

 - i. Enter upon the Permittee's premises where a Part 70 source is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this Permit;
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;

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- iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this Permit; and
 - iv. Sample or monitor any substances or parameters at any location during operating hours for the purpose of assuring Permit compliance, compliance with applicable requirements, or as otherwise authorized by the Clean Air Act.
- b. No person shall obstruct, hamper, or interfere with any such authorized representative while in the process of carrying out his official duties. Refusal of entry or access may constitute grounds for Permit revocation and assessment of civil penalties.
[391-3-1-.07 and 40 CFR 70.11(a)(3)(i)]

8.14.3 Schedule of Compliance

- a. For applicable requirements with which the Permittee is in compliance, the Permittee shall continue to comply with those requirements.
[391-3-1-.03(10)(c)2 and 40 CFR 70.5(c)(8)(iii)(A)]
- b. For applicable requirements that become effective during the Permit term, the Permittee shall meet such requirements on a timely basis unless a more detailed schedule is expressly required by the applicable requirement.
[391-3-1-.03(10)(c)2 and 40 CFR 70.5(c)(8)(iii)(B)]
- c. Any schedule of compliance for applicable requirements with which the source is not in compliance at the time of Permit issuance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based.
[391-3-1-.03(10)(c)2 and 40 CFR 70.5(c)(8)(iii)(C)]

8.15 Circumvention

8.15.1 State Only Enforceable Condition.

The Permittee shall not build, erect, install, or use any article, machine, equipment or process the use of which conceals an emission which would otherwise constitute a violation of an applicable emission standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of the pollutants in the gases discharged into the atmosphere.

[391-3-1-.03(2)(c)]

8.16 Permit Shield

- 8.16.1 Compliance with the terms of this Permit shall be deemed compliance with all applicable requirements as of the date of Permit issuance provided that all applicable requirements are included and specifically identified in the Permit.

[391-3-1-.03(10)(d)6]

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8.16.2 Any Permit condition identified as "State only enforceable" does not have a Permit shield.

8.17 Operational Practices

8.17.1 At all times, including periods of startup, shutdown, and malfunction, the Permittee shall maintain and operate the source, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on any information available to the Division which may include, but is not limited to, monitoring results, observations of the opacity or other characteristics of emissions, review of operating and maintenance procedures or records, and inspection or surveillance of the source.

[391-3-1-.02(2)(a)10]

8.18 Visible Emissions

8.18.1 Except as may be provided in other provisions of this Permit, the Permittee shall not cause, let, suffer, permit or allow emissions from any air contaminant source the opacity of which is equal to or greater than forty (40) percent.

[391-3-1-.02(2)(b)1]

8.19 Fuel-burning Equipment

8.19.1 The Permittee shall not cause, let, suffer, permit, or allow the emission of fly ash and/or other particulate matter from any fuel-burning equipment with rated heat input capacity of less than 10 million Btu per hour, in operation or under construction on or before January 1, 1972 in amounts equal to or exceeding 0.7 pounds per million BTU heat input.

[391-3-1-.02(2)(d)]

8.19.2 The Permittee shall not cause, let, suffer, permit, or allow the emission of fly ash and/or other particulate matter from any fuel-burning equipment with rated heat input capacity of less than 10 million Btu per hour, constructed after January 1, 1972 in amounts equal to or exceeding 0.5 pounds per million BTU heat input.

[391-3-1-.02(2)(d)]

8.19.3 The Permittee shall not cause, let, suffer, permit, or allow the emission from any fuel-burning equipment constructed or extensively modified after January 1, 1972, visible emissions the opacity of which is equal to or greater than twenty (20) percent except for one six minute period per hour of not more than twenty-seven (27) percent opacity.

[391-3-1-.02(2)(d)]

8.20 Sulfur Dioxide

8.20.1 Except as may be specified in other provisions of this Permit, the Permittee shall not cause, let, permit, suffer, or allow the rate of emission from any source, sulfur dioxide in total quantities equal to or exceeding the allowable rates specified in 391-3-1-.02(2)(g), "Sulfur Dioxide."

8.21 Particulate Emissions

8.21.1 Except as may be specified in other provisions of this Permit, the Permittee shall not cause, let, permit, suffer, or allow the rate of emission from any source, particulate matter in total quantities equal to or exceeding the allowable rates specified in 391-3-1-.02(2)(e), "Particulate Emissions from Manufacturing Processes."

8.22 Fugitive Dust
[391-3-1-.02(2)(n)]

8.22.1 Except as may be specified in other provisions of this Permit, the Permittee shall take all reasonable precautions to prevent dust from any operation, process, handling, transportation or storage facility from becoming airborne. Reasonable precautions which should be taken to prevent dust from becoming airborne include, but are not limited to, the following:

- a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land;
- b. Application of asphalt, water, or suitable chemicals on dirt roads, materials, stockpiles, and other surfaces which can give rise to airborne dusts;
- c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods can be employed during sandblasting or other similar operations;
- d. Covering, at all times when in motion, open bodied trucks, transporting materials likely to give rise to airborne dusts; and
- e. The prompt removal of earth or other material from paved streets onto which earth or other material has been deposited.

8.22.2 The percent opacity from any fugitive dust source shall not equal or exceed 20 percent.

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Attachments

- A. List of Standard Abbreviations and List of Permit Specific Abbreviations
- B. Insignificant Activities Checklist, Insignificant Activities Based on Emission Levels and Generic Emission Groups
- C. List of References
- D. U.S. EPA Acid Rain Program Phase II Permit Application

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ATTACHMENT A

List Of Standard Abbreviations

AIRS	Aerometric Information Retrieval System
APCD	Air Pollution Control Device
ASTM	American Society for Testing and Materials
BACT	Best Available Control Technology
BTU	British Thermal Unit
CAAA	Clean Air Act Amendments
CEM	Continuous Emission Monitor
CFR	Code of Federal Regulations
CMS	Continuous Monitoring System(s)
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
dscf / dscm	Dry standard cubic foot / dry standard cubic meter
EPA	United States Environmental Protection Agency
EPCRA	Emergency Preparedness and Community Right to Know Act
gr	Grain(s)
GPM (gpm)	Gallons per minute
H ₂ O (H ₂ O)	Water
HAP	Hazardous Air Pollutant
HCFC	Halogenated Chlorofluorocarbon
MACT	Maximum Achievable Control Technology
MMBtu	Million British Thermal Units
MVAC	Motor Vehicle Air Conditioner
MW	Megawatt
NESHAP	National Emission Standards for Hazardous Air Pollutants
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards
OCGA	Official Code of Georgia Annotated
PM	Particulate Matter
PM ₁₀ (PM ₁₀)	Particulate Matter less than 10 micrometers
PPM (ppm)	Parts per million
PSD	Prevention of Significant Deterioration
RACT	Reasonably Available Control Technology
RMP	Risk Management Plan
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO ₂ (SO ₂)	Sulfur Dioxide
USC	United States Code
VOC	Volatile Organic Compound

List of Permit Specific Abbreviations

PCB	Polychlorinated Biphenyl
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ATTACHMENT B

NOTE: Attachment B contains information regarding insignificant emission units/activities and groups of generic emission units/activities in existence at the facility at the time of Permit issuance. Future modifications or additions of insignificant emission units/activities and equipment which are part of generic emissions groups may not necessarily cause this attachment to be updated.

INSIGNIFICANT ACTIVITIES

Category	Description of Insignificant Activity	Quantity
Mobile Sources	Cleaning and sweeping of streets and paved surfaces.	X
Combustion Sources	Fire fighting and similar safety equipment used to train fire fighters or other emergency personnel.	X
	Open burning in compliance with Georgia Rule 391-3-1-.02(5).	X
	Stationary engines burning natural gas, gasoline, diesel fuel, or dual fuels which are used exclusively for emergency power generation.	4
	Stationary engines burning natural gas, LPG, and/or diesel fuel, used for other purposes, provided that the output of each engine does not exceed 400 horsepower and that no individual engine operates for more than 2,000 hours per year.	2
Maintenance, Cleaning, and Housekeeping	Portable blast-cleaning equipment.	1
	Cold cleaners having an air/vapor interface of not more than 10 square feet and that do not use a halogenated solvent.	4
	Non-routine clean out of tanks and equipment for the purposes of worker entry or in preparation for maintenance or decommissioning.	X
Laboratories and Testing	Laboratory fume hoods and vents associated with bench-scale laboratory equipment used for physical or chemical analysis.	6
Pollution Control	Sanitary waste water collection and treatment systems, except incineration equipment.	3
	Landfills.	1
Storage Tanks and Equipment	All petroleum liquid storage tanks storing a liquid with a true vapor pressure of equal to or less than 0.50 psia as stored.	2
	All petroleum liquid storage tanks with a capacity of less than 40,000 gallons storing a liquid with a true vapor pressure of equal to or less than 2.0 psia as stored.	2
	All petroleum liquid storage tanks with a capacity of less than 10,000 gallons storing a petroleum liquid.	29
	Gasoline storage and handling equipment at loading facilities handling less than 20,000 gallons per day or at vehicle dispensing facilities.	1
	Portable drums, barrels and totes provided that the volume of each container does not exceed 550 gallons.	<150
	All chemical storage tanks used to store a chemical with a true vapor pressure of less than or equal to 10 millimeters of mercury (0.19 psia).	8

INSIGNIFICANT ACTIVITIES BASED ON EMISSION LEVELS

Description of Emission Units / Activities	Quantity
n/a	

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ATTACHMENT B (continued)

GENERIC EMISSION GROUPS

Emission units/activities appearing in the following table are subject only to one or more of Georgia Rules 391-3-1-.02 (2) (b), (e) &/or (n). Potential emissions of particulate matter, from these sources based on TSP, are less than 25 tons per year per process line or unit in each group. Any emissions unit subject to a NESHAP, NSPS, or any specific Air Quality Permit Condition(s) are not included in this table.

Description of Emissions Units / Activities	Number of Units (if appropriate)	Place 'X' in applicable spaces		
		Opacity Rule (b)	PM from Mfg Process Rule (e)	Fugitive Dust Rule (n)
n/a	0			

The following table includes groups of fuel burning equipment subject only to Georgia Rules 391-3-1-.02 (2) (b) & (d). Any emissions unit subject to a NESHAP, NSPS, or any specific Air Quality Permit Condition(s) are not included in this table.

Description of Fuel Burning Equipment	Number of Units
Fuel burning equipment with a rated heat input capacity of less than 10 million BTU/hr burning only natural gas and/or LPG.	0
Fuel burning equipment with a rated heat input capacity of less than 5 million BTU/hr, burning only distillate fuel oil, natural gas and/or LPG.	0
Any fuel burning equipment with a rated heat input capacity of 1 million BTU/hr or less.	0

ATTACHMENT C

LIST OF REFERENCES

1. The Georgia Rules for Air Quality Control Chapter 391-3-1. All Rules cited herein which begin with 391-3-1 are State Air Quality Rules.
2. Title 40 of the Code of Federal Regulations; specifically 40 CFR Parts 50, 51, 52, 60, 61, 63, 64, 68, 70, 72, 73, 75, 76 and 82. All rules cited with these parts are Federal Air Quality Rules.
3. *Georgia Department of Natural Resources, Environmental Protection Division, Air Protection Branch, Procedures for Testing and Monitoring Sources of Air Pollutants.*
4. *Georgia Department of Natural Resources, Environmental Protection Division, Air Protection Branch, Procedures for Calculating Air Permit Fees.*
5. The Clean Air Act (42 U.S.C. 7401 et. seq.).
6. White Paper #1 for Streamlined Development of Part 70 Permit Applications, July 10, 1995.
7. White Paper #2 for Improved Implementation of the Part 70 Operating Permits Program, March 5, 1996.

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ATTACHMENT D

**U.S. EPA ACID RAIN PROGRAM
PHASE II PERMIT APPLICATION**

STATE OF MISSISSIPPI
AIR POLLUTION CONTROL
TITLE V
PERMIT TO OPERATE
AIR EMISSIONS EQUIPMENT
THIS CERTIFIES THAT

South MS Electric Power Association
R.D. Morrow Generating Plant
Okahola Road
Purvis, MS

has been granted permission to operate air emissions equipment in accordance with emission limitations, monitoring requirements and conditions set forth herein. This permit is issued in accordance with Title V of the Federal Clean Air Act (42 U.S.C.A. § 7401 - 7671) and the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et. seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder.

Issued this day of , 19__

Effective Date: As specified herein.

MISSISSIPPI ENVIRONMENTAL QUALITY PERMIT BOARD

HEAD, OFFICE OF POLLUTION CONTROL
MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

Expires day of , 19__

Permit No. 1440-00021

Date: 6/29/98 10:48:26 AM
From: B J Hailey
Subject: R.D. Morrow Permit
To: sheplak_s

(See attached file: Morrow.wpd)

SECTION 1. GENERAL CONDITIONS

- 1.1 The permittee must comply with all conditions of this permit. Any noncompliance constitutes a violation of the Federal Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. (Ref.: APC-S-6, Section III.A.6.a.)
- 1.2 It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. (Ref.: APC-S-6, Section III.A.6.b.)
- 1.3 This permit and/or any part thereof may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. (Ref.: APC-S-6, Section III.A.6.c.)
- 1.4 This permit does not convey any property rights of any sort, or any exclusive privilege. (Ref.: APC-S-6, Section III.A.6.d.)
- 1.5 The permittee shall furnish to the DEQ within a reasonable time any information the DEQ may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the DEQ copies of records required to be kept by the permittee or, for information to be confidential, the permittee shall furnish such records to DEQ along with a claim of confidentiality. The permittee may furnish such records directly to the Administrator along with a claim of confidentiality. (Ref.: APC-S-6, Section III.A.6.e.)
- 1.6 The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. (Ref.: APC-S-6, Section III.A.5.)
- 1.7 The permittee shall pay to the DEQ an annual permit fee. The amount of fee shall be determined each year based on the provisions of regulated pollutants for fee purposes and the fee schedule specified in the Commission on Environmental Quality's order which shall be issued in accordance with the procedure outlined in Regulation APC-S-6.
 - (a) For purposes of fee assessment and collection, the permittee shall elect for actual or allowable emissions to be used in determining the annual quantity of emissions unless the Commission determines by order that the method chosen by the applicant for calculating actual emissions fails to reasonably represent actual emissions. Actual emissions shall be calculated using emission monitoring data or direct emissions measurements for the pollutant(s); mass balance calculations such as the amounts of the pollutant(s) entering and leaving process equipment and where mass balance calculations can be supported by direct measurement of process parameters, such direct measurement data shall be supplied; published emission factors such as those relating release quantities to throughput or equipment type (e.g., air emission factors); or other approaches such engineering calculations (e.g., estimating volatilization using published mathematical

formulas) or best engineering judgements where such judgements are derived from process and/or emission data which supports the estimates of maximum actual emission. (Ref.: APC-S-6, Section VI.A.2.)

- (b) If the Commission determines that there is not sufficient information available on a facility's emissions, the determination of the fee shall be based upon the permitted allowable emissions until such time as an adequate determination of actual emissions is made. Such determination may be made anytime within one year of the submittal of actual emissions data by the permittee. (Ref.: APC-S-6, Section VI.A.2.) If at any time within the year the Commission determines that the information submitted by the permittee on actual emissions is insufficient or incorrect, the permittee will be notified of the deficiencies and the adjusted fee schedule. Past due fees from the adjusted fee schedule will be paid on the next scheduled quarterly payment time. (Ref.: APC-S-6, Section VI.D.2.)
 - (c) The fee shall be due September 1 of each year. By July 1 of each year the permittee shall submit an inventory of emissions for the previous year on which the fee is to be assessed. The permittee may elect a quarterly payment method of four (4) equal payments; notification of the election of quarterly payments must be made to the DEQ by the first payment date of September 1. The permittee shall be liable for penalty as prescribed by State Law for failure to pay the fee or quarterly portion thereof by the date due. (Ref.: APC-S-6, Section VI.D.)
 - (d) If in disagreement with the calculation or applicability of the Title V permit fee, the permittee may petition the Commission in writing for a hearing in accordance with State Law. Any disputed portion of the fee for which a hearing has been requested will not incur any penalty or interest from and after the receipt by the Commission of the hearing petition. (Ref.: APC-S-6, Section VI.C.)
- 1.8 No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit. (Ref.: APC-S-6, Section III.A.8.)
- 1.9 Any document required by this permit to be submitted to the DEQ shall contain a certification by a responsible official that states that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. (Ref.: APC-S-6, Section II.E.)
- 1.10 The permittee shall allow the DEQ, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to perform the following:
- (a) enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of this permit;
 - (b) have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
 - (c) inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

- (d) as authorized by the Federal Act, sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.
(Ref.: APC-S-6, Section III.C.2.)
- 1.11 Except as otherwise specified or limited herein, the permittee shall have necessary sampling ports and ease of accessibility for any new air pollution control equipment, obtained after May 8, 1970, and vented to the atmosphere. (Ref.: APC-S-1, Section 3.9 (a))
- 1.12 Except as otherwise specified or limited herein, the permittee shall provide the necessary sampling ports and ease of accessibility when deemed necessary by the DEQ for air pollution control equipment that was in existence prior to May 8, 1970. (Ref.: APC-S-1, Section 3.9 (b))
- 1.13 Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance where such applicable requirements are included and are specifically identified in the permit or where the permit contains a determination, or summary thereof, by the Permit Board that requirements specifically identified previously are not applicable to the source. (Ref.: APC-S-6, Section III.F.1.)
- 1.14 Nothing in this permit shall alter or affect the following:
 - (a) the provisions of Section 303 of the Federal Act (emergency orders), including the authority of the Administrator under that section;
 - (b) the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - (c) the applicable requirements of the acid rain program, consistent with Section 408(a) of the Federal Act.
 - (d) the ability of EPA to obtain information from a source pursuant to Section 114 of the Federal Act.
(Ref.: APC-S-6, Section III.F.2.)
- 1.15 The permittee shall comply with the requirement to register a Risk Management Plan if permittee's facility is required pursuant to Section 112(r) of the Act to register such a plan. (Ref.: APC-S-6, Section III.H.)
- 1.16 Expiration of this permit terminates the permittee's right to operate unless a timely and complete renewal application has been submitted. A timely application is one which is submitted at least six (6) months prior to expiration of the Title V permit. If the permittee submits a timely and complete application, the failure to have a Title V permit is not a violation of regulations until the Permit Board takes final action on the permit application. This protection shall cease to apply if, subsequent to the completeness determination, the permittee fails to submit by the deadline specified in writing by the DEQ any additional information identified as being needed to process the application. (Ref.: APC-S-6, Section IV.C.2., Section IV.B., and Section II.A.1.c.)
- 1.17 The permittee is authorized to make changes within their facility without requiring a

permit revision (ref: Section 502(b)(10) of the Act) if:

- (a) the changes are not modifications under any provision of Title I of the Act;
- (b) the changes do not exceed the emissions allowable under this permit;
- (c) the permittee provides the Administrator and the Department with written notification in advance of the proposed changes (at least seven (7) days, or such other time frame as provided in other regulations for emergencies) and the notification includes:
 - (1) a brief description of the change(s),
 - (2) the date on which the change will occur,
 - (3) any change in emissions, and
 - (4) any permit term or condition that is no longer applicable as a result of the change;
- (d) the permit shield shall not apply to any Section 502(b)(10) change.
(Ref.: APC-S-6, Section IV.F.)

1.18 Should the Executive Director of the Mississippi Department of Environmental Quality declare an Air Pollution Emergency Episode, the permittee will be required to operate in accordance with the permittee's previously approved Emissions Reduction Schedule or, in the absence of an approved schedule, with the appropriate requirements specified in Regulation APC-S-3, "Regulations for the Prevention of Air Pollution Emergency Episodes" for the level of emergency declared. (Ref.: APC-S-3)

1.19 Except as otherwise provided by Regulations APC-S-2, "Permit Regulations for the Construction and/or Operation of Air Emissions Equipment", and Regulations APC-S-6, "Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act", or otherwise provided herein, a modification of the facility requires a Permit to Construct and a modification of this permit. Modification is defined as "Any physical change in or change in the method of operation of a facility which increases the actual emissions or the potential uncontrolled emissions of any air pollutant subject to regulation under the Federal Act emitted into the atmosphere by that facility or which results in the emission of any air pollutant subject to regulation under the Federal Act into the atmosphere not previously emitted. A physical change or change in the method of operation shall not include:

- (a) routine maintenance, repair, and replacement;
- (b) use of an alternative fuel or raw material by reason of an order under Sections 2 (a) and (b) of the Federal Energy Supply and Environmental Coordination Act of 1974 (or any superseding legislation) or by reason of a natural gas curtailment plan pursuant to the Federal Power Act;
- (c) use of an alternative fuel by reason of an order or rule under Section 125 of the Federal Act;
- (d) use of an alternative fuel or raw material by a stationary source which:

- (1) the source was capable of accommodating before January 6, 1975, unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166; or
 - (2) the source is approved to use under any permit issued under 40 CFR 52.21 or under regulations approved pursuant to 40 CFR 51.166;
 - (e) an increase in the hours of operation or in the production rate unless such change would be prohibited under any federally enforceable permit condition which was established after January 6, 1975, pursuant to 40 CFR 52.21 or under regulations approved pursuant to 40 CFR Subpart I or 40 CFR 51.166; or
 - (f) any change in ownership of the stationary source."
- 1.20 Any change in ownership or operational control must be approved by the Permit Board. (Ref.: APC-S-6, Section IV.D.4.)
- 1.21 This permit is a Federally approved operating permit under Title V of the Federal Clean Air Act as amended in 1990. All terms and conditions, including any designed to limit the source's potential to emit, are enforceable by the Administrator and citizens under the Federal Act as well as the Commission.
- 1.22 Except as otherwise specified or limited herein, the open burning of residential, commercial, institutional, or industrial solid waste, is prohibited. This prohibition does not apply to infrequent burning of agricultural wastes in the field, silvicultural wastes for forest management purposes, land-clearing debris, debris from emergency clean-up operations, and ordnance. Open burning of land-clearing debris must not use starter or auxiliary fuels which cause excessive smoke (rubber tires, plastics, etc.); must not be performed if prohibited by local ordinances; must not cause a traffic hazard; must not take place where there is a High Fire Danger Alert declared by the Mississippi Forestry Commission or Emergency Air Pollution Episode Alert imposed by the Executive Director and must meet the following buffer zones.
- (a) Open burning without a forced-draft air system must not occur within 500 yards of an occupied dwelling.
 - (b) Open burning utilizing a forced-draft air system on all fires to improve the combustion rate and reduce smoke may be done within 500 yards of but not within 50 yards of an occupied dwelling.
 - (c) Burning must not occur within 500 yards of commercial airport property, private air fields, or marked off-runway aircraft approach corridors unless written approval to conduct burning is secured from the proper airport authority, owner or operator. (Ref.: APC-S-1, Section 3.7)
- 1.23 Except as otherwise specified herein, the permittee shall be subject to the following provision with respect to emergencies.
- (a) Except as otherwise specified herein, an "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the

source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

- (b) An emergency constitutes an affirmative defense to an action brought for noncompliance with such technology-based emission limitations if the conditions specified in (c) following are met.
- (c) The affirmative defense of emergency shall be demonstrated through properly signed contemporaneous operating logs, or other relevant evidence that include information as follows:
 - (1) an emergency occurred and that the permittee can identify the cause(s) of the emergency;
 - (2) the permitted facility was at the time being properly operated;
 - (3) during the period of the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit; and
 - (4) the permittee submitted notice of the emergency to the DEQ within 2 working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- (c) In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This provision is in addition to any emergency or upset provision contained in any applicable requirement specified elsewhere herein.

SECTION 2.FACILITY-WIDE EMISSIONS LIMITATIONS

The following requirements are applicable to all emission-producing activities described by the requirements at this source including insignificant and trivial activities.

- 2.1 Except as otherwise specified or limited herein, the permittee shall not cause, permit, or allow the emission of smoke from a point source into the open air from any manufacturing, industrial, commercial or waste disposal process which exceeds forty (40) percent opacity subject to the exceptions provided in (a) & (b).
- (a) Startup operations may produce emissions which exceed 40% opacity for up to fifteen (15) minutes per startup in any one hour and not to exceed three (3) startups per stack in any twenty-four (24) hour period.
 - (b) Emissions resulting from soot blowing operations shall be permitted provided such emissions do not exceed 60 percent opacity, and provided further that the aggregate duration of such emissions during any twenty-four (24) hour period does not exceed ten (10) minutes per billion BTU gross heating value of fuel in any one hour. (Ref.: APC-S-1, Section 3.1)
- 2.2 Except as otherwise specified or limited herein, the permittee shall not cause, allow, or permit the discharge into the ambient air from any point source or emissions, any air contaminant of such opacity as to obscure an observer's view to a degree in excess of 40% opacity, equivalent to that provided in Paragraph 2.1. This shall not apply to vision obscuration caused by uncombined water droplets. (Ref.: APC-S-1, Section 3.2)
- 2.3 The permittee shall not exceed the emission allowances that the source lawfully holds under Title IV of the Federal Act or the regulations promulgated thereunder.
- (a) No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement.
 - (b) No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement.

- (c) **Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Federal Act. (Ref.: APC-S-6, Section III.A.4)**
- 2.4 The Administrator will establish accounts for all affected units pursuant to 40 CFR Part 73.31 (a) and (b). All allocations, transfers and deductions of allowances will be recorded in the unit's Allowance Tracking System account. (Ref: 40 CFR Part 73.30)
- 2.5 Where an applicable requirement of the Federal Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Federal Act, both provisions shall be incorporated into the permit and shall be enforceable by the Administrator and the Commission. (Ref.: APC-S-6, Section III.A.1.(b))

SECTION 3. EMISSION POINTS & POLLUTION CONTROL DEVICES

Emission Point	Description
AA-001	The Coal/No.2 Fuel Oil Fired Unit No. 1 Boiler (Rated Capacity 1,961 MMBtu/hr) equipped with a Flue Gas Desulfurization Scrubber and a Buell Envirotech Electrostatic Precipitator.
AA-002	The Coal/No.2 Fuel Oil Fired Unit No. 2 Boiler (Rated Capacity 1,961 MMBtu/hr) equipped with a Flue Gas Desulfurization Scrubber and a Buell Envirotech Electrostatic Precipitator.
AA-003	Coal Handling System including conveyors and storage piles
AA-004	1.75 MMBtu/hr Fire Pump Diesel Engine
AA-005	3.5 MMBtu/hr Emergency Diesel Engine
AA-006	7,200 kgal/hr Cooling Tower A
AA-007	7,200 kgal/hr Cooling Tower B
AA-008	Gravel Roads
AA-009	Coal Pile Bulldozer (Excluding coal pile and conveyors)
AA-010	Limestone Handling

SECTION 4.SPECIFIC EMISSION LIMITATIONS & STANDARDS

A. Emission Point Specific Emission Limitations & Standards

Emission Point	Applicable Requirement	Condition Number	Pollutant/Parameter	Limit/Standard
AA-001	40 CFR Part 60.42 (a)(1)	4.A.1, 4.A.2	PM	0.1 lb/MMBtu
	40 CFR Part 60.43 (a)(2)	4.A.1, 4.A.3, 4.A.6, 4.A.7	SO ₂	1.2 lb/MMBtu
	40 CFR Part 60.44 (a)(3)	4.A.1, 4.A.4, 4.A.6, 4.A.7	NO _x	0.7 lb/MMBtu
	40 CFR Part 60.42 (a)(2)	4.A.1, 4.A.5	Opacity	20 %
AA-002	40 CFR Part 60.42 (a)(1)	4.A.1, 4.A.2	PM	0.1 lb/MMBtu
	40 CFR Part 60.43 (a)(2)	4.A.1, 4.A.3, 4.A.6, 4.A.7	SO ₂	1.2 lb/MMBtu
	40 CFR Part 60.44 (a)(3)	4.A.1, 4.A.4, 4.A.6, 4.A.7	NO _x	0.7 lb/MMBtu
	40 CFR Part 60.42 (a)(2)	4.A.1, 4.A.5	Opacity	20 %

AA-003	APC-S-1, Section 3.6 (a)	4.A.1, 4.B.2	PM	E=4.1(p) ^{0.67}
AA-004	APC-S-1, Section 3.4(a)(1)	4.A.1, 4.B.1	PM	0.6 lbs/MMBtu
	APC-S-1, Section 4.1 (a)	4.A.1, 4.B.3	SO ₂	4.8 lbs/MMBtu
AA-005	APC-S-1, Section 3.4(a)(1)	4.A.1, 4.B.1	PM	0.6 lbs/MMBtu
	APC-S-1, Section 4.1 (a)	4.A.1, 4.B.3	SO ₂	4.8 lbs/MMBtu
AA-006 AA-007	APC-S-1, Section 3.6 (a)	4.A.1, 4.B.2	PM	E=4.1(p) ^{0.67}
	APC-S-1, Section 3.2	4.A.1, 2.1, 2.2	Opacity	40%
AA-008 AA-009 AA-010	APC-S-1, Section 3.2	4.A.1, 2.1, 2.2	Opacity	40%

- 4.A.1** The permittee is authorized to operate Emission Points AA-001 through AA-010 in accordance with the emission limitations specified above throughout the life of this permit.
- 4.A.2** The permittee shall not discharge any gases that contain particulate matter in excess of 0.10 lb per million Btu.
- 4.A.3** The permittee shall not discharge any gases that contain sulfur dioxide in excess of 1.2 lb per million Btu.
- 4.A.4** The permittee shall not discharge any gases that contain nitrogen oxides in excess of 0.70 lb per million Btu.
- 4.A.5** The permittee shall not discharge any gases that have an opacity greater than twenty percent (20%) except for one six-minute period per hour of not more than twenty-seven percent (27%) opacity.
- 4.A.6** The permittee shall comply with all requirements of 40 CFR Part 72, the Acid Rain Permit Regulations. The Phase I Acid Rain Permit issued to the R.D. Morrow Generating Plant is attached as Appendix B. All conditions of the Phase I Acid Rain permit are effective from January 1, 1995, until December 31, 1999; however, these conditions may be amended or revised by the Administrator during the permitted period.
- 4.A.7** The permittee shall comply with all requirements of the Phase II Acid Rain Permit attached as Appendix C of this permit. All conditions of the Phase II Acid Rain Permit are effective from January 1, 2000, through December 31, 2004; however, these conditions may be revised by the DEQ during the permitted period. (Ref.: 40 CFR Part 72)

B. Insignificant and Trivial Activity Emission Limitations & Standards

Applicable Requirement	Permit Condition Number	Pollutant/Parameter	Limit/Standard
APC-S-1, Section 3.4(a)(1)	4.B.1	PM	0.6 lbs/MMBtu
APC-S-1, Section 4.1 (a)	4.B.3	SO ₂	4.8 lbs/MMBtu
APC-S-1, Section 3.2	2.1, 2.2	Opacity	40%
APC-S-1, Section 3.6 (a)	4.B.2	PM	E=4.1(p) ^{0.67}

- 4.B.1** Except as otherwise specified or limited herein, the maximum permissible emission of ash and/or particulate matter from fossil fuel burning installations of less than 10 million BTU per hour heat input shall not exceed 0.6 pounds per million BTU per hour heat input. (Ref.: APC-S-1, Section 3.4)

- 4.B.2** Except as otherwise specified or limited herein, the permittee shall not cause, permit, or allow the emission from any manufacturing process, in any one hour from any point source, particulate matter in total quantities in excess of the amount determined by the relationship

$$E = 4.1 (p)^{0.67}$$

where E is the emission rate in pounds per hour and p is the process weight input rate in tons per hour. (Ref.: APC-S-1, Section 3.6 (a))

- 4.B.3** Except as otherwise specified or limited herein, the maximum discharge of sulfur oxides from any fuel burning installation in which the fuel is burned primarily to produce heat or power by indirect heat transfer shall not exceed 4.8 pounds (measured as sulfur dioxide) per million BTU heat input.
(Ref.: APC-S-1, Section 4.1 (a))

SECTION 5. COMPLIANCE SCHEDULE

- 5.1** Unless otherwise specified herein, the permittee shall be in compliance with all requirements contained herein upon issuance of this permit.
- 5.2** Except as otherwise specified herein, the permittee shall submit to the Permit Board and

to the Administrator a certification of compliance with permit terms and conditions, including emission limitations, standards, or work practices, by January 31 for the preceding calendar year. Each compliance certification shall include the following:

- (a) the identification of each term or condition of the permit that is the basis of the certification;
 - (b) the compliance status;
 - (c) whether compliance was continuous or intermittent;
 - (d) the method(s) used for determining the compliance status of the source, currently and over the applicable reporting period;
 - (e) such other facts as may be specified as pertinent in specific conditions elsewhere in this permit.
- (Ref.: APC-S-6, Section III.C.5.a.,c.,&d.)

- 5.3 The permittee shall ensure that each continuous emission monitoring system is maintained according to the quality assurance and quality control procedures outlined in 40 CFR Part 75, Appendix B. The permittee shall conduct a relative accuracy test audit (RATA) for each monitor annually or semiannually, dependent upon the criteria outlined in Figure 2 of Appendix B.**
- 5.4 The permittee shall test Emission Points AA-001 and AA-002 for Particulate Matter using EPA Test Method 5 in conjunction with the next annual/semiannual RATA testing described in paragraph 5.3. After the initial test for particulate matter is completed, the permittee shall test for particulate matter biennially. The compliance certification including the test report shall be submitted no later than thirty (30) days after the testing is complete.**
- 5.5 For each calendar year that an affected unit is subject to the Acid Rain program, the permittee shall submit an annual compliance certification report to the Administrator within sixty (60) days after the end of the calendar year. The contents of the report shall be in accordance with 40 CFR Part 72.90 (b).**

SECTION 6. MONITORING, RECORDKEEPING & REPORTING REQUIREMENTS

- 6.1 The permittee shall install, maintain, and operate equipment and/or institute procedures as necessary to perform the monitoring and recordkeeping specified below.**
- 6.2 In addition to the recordkeeping specified below, the permittee shall include with all records of required monitoring information the following:**
- (a) the date, place as defined in the permit, and time of sampling or measurements;
 - (b) the date(s) analyses were performed;
 - (c) the company or entity that performed the analyses;
 - (d) the analytical techniques or methods used;

- (e) the results of such analyses; and
 - (f) the operating conditions existing at the time of sampling or measurement.
- 6.3 The permittee shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records, all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
- 6.4 The permittee shall submit reports of any required monitoring no later than thirty (30) days after the end of each calendar quarter. (All instances of deviations from permit requirements must be clearly identified in such reports and all required reports must be certified by a responsible official consistent with APC-S-6, Section II.E.)
- 6.5 Except as otherwise specified herein, the permittee shall report all deviations from permit requirements, including those attributable to upset conditions, as defined in the permit, the probable cause of such deviations, and any corrective actions or preventive measures taken within five (5) days of the time the deviation began.
- 6.6 Except as otherwise specified herein, the permittee shall perform emissions sampling and analysis in accordance with EPA Test Methods and with any continuous emission monitoring requirements, if applicable. All test methods shall be those versions or their equivalents approved by the DEQ and the EPA.
- 6.7 The permittee shall maintain records of any alterations, additions, or changes in equipment or operation.

Emission Point	Pollutant/Parameter Monitored	Monitoring/Recordkeeping/Reporting Requirement	Condition Number	Applicable Requirement
AA-001	NOx, SO ₂ , CO ₂ Opacity	Recordkeeping and Submittal of Quarterly Reports	6.8, 6.9	40 CFR Part 60.45 (a) and 40 CFR Part 60.7 (c)
	NOx, SO ₂	Recordkeeping	6.10	40 CFR Part 75.54
AA-002	NOx, SO ₂ , CO ₂ Opacity	Recordkeeping and Submittal of Quarterly Reports	6.8, 6.9	40 CFR Part 60.45 (a) and 40 CFR Part 60.7 (c)
	NOx, SO ₂	Recordkeeping	6.10	40 CFR Part 75.54

- 6.8 The permittee shall calibrate, maintain, and operate continuous monitoring systems for measuring the opacity of emissions, sulfur dioxide emissions, nitrogen oxide emissions, and either oxygen or carbon dioxide emissions.
- 6.9 The permittee shall submit an excess emissions and monitoring systems performance report and/or a summary report form for each pollutant and/or parameter identified above to the DEQ each calendar quarter. These reports are due no later than thirty (30) days after the end of each quarter. All reports should be submitted in accordance with the terms outlined in 40 CFR Part 60.7 (c).
- 6.10 The permittee shall maintain a file on site of all measurements, data, reports, and other information required in 40 CFR Part 75.54 for each affected unit for a period of three

(3) years. This information should include the hourly operating parameters, Sulfur Dioxide emissions, Nitrogen Oxide emissions, Carbon Dioxide/Oxygen emissions, and opacity readings for each affected unit.

SECTION 7. ALTERNATIVE OPERATING SCENARIOS

None permitted.

APPENDIX A
List of Abbreviations Used In this Permit

APC-S-1	Air Emission Regulations for the Prevention, Abatement, and Control of Air Contaminants
APC-S-2	Permit Regulations for the Construction and/or Operation of Air Emissions Equipment
APC-S-3	Regulations for the Prevention of Air Pollution Emergency Episodes
APC-S-4	Ambient Air Quality Standards
APC-S-5	Regulations for the Prevention of Significant Deterioration of Air Quality
APC-S-6	Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act
APC-S-7	Acid Rain Program Permit Regulations for Purposes of Title IV of the Federal Clean Air Act
BACT	Best Available Control Technology
CEM	Continuous Emission Monitor
CEMS	Continuous Emission Monitoring System
CFR	Code of Federal Regulations
CO	Carbon Monoxide
COM	Continuous Opacity Monitor
COMS	Continuous Opacity Monitoring System
DEQ	Mississippi Department of Environmental Quality
EPA	United States Environmental Protection Agency
gr/dscf	Grains Per Dry Standard Cubic Foot
HAP	Hazardous Air Pollutant
lbs/hr	Pounds per Hour
M or K	Thousand
MACT	Maximum Achievable Control Technology
MM	Million
MMBTUH	Million British Thermal Units per Hour
NA	Not Applicable
NAAQS	National Ambient Air Quality Standards
NESHAP	National Emissions Standards For Hazardous Air Pollutants, 40 CFR 61 or National Emission Standards For Hazardous Air Pollutants for Source Categories, 40 CFR 63
NM VOC	Non-Methane Volatile Organic Compounds
NO _x	Nitrogen Oxides
NSPS	New Source Performance Standards, 40 CFR 60
O&M	Operation and Maintenance
PM	Particulate Matter
PM ₁₀	Particulate Matter less than 10 µm in diameter
ppm	Parts per Million
PSD	Prevention of Significant Deterioration, 40 CFR 52
SIP	State Implementation Plan
SO ₂	Sulfur Dioxide
TPY	Tons per Year
TRS	Total Reduced Sulfur
VEE	Visible Emissions Evaluation
VHAP	Volatile Hazardous Air Pollutant
VOC	Volatile Organic Compound

APPENDIX B

Phase I Acid Rain Permit

APPENDIX C

Phase II Acid Rain Permit

PHASE II ACID RAIN PERMIT

Issued to: R.D. Morrow Generating Station
Operated by: South MS Electric Power Association
Effective: January 1, 2000 to December 31, 2004

Summary of Previous Actions:

This page will be replaced to document new actions each time a new action is taken by the DEQ. This is the initial permitting action being undertaken:

1)

Present Action:

2) Initial Permit Issuance

PHASE II ACID RAIN PERMIT

Issued to: R.D. Morrow Generating Station
Operated by: South MS Electric Power Association
ORIS code: 6061
Effective: January 1, 2000 to December 31, 2004

ACID RAIN PERMIT CONTENTS:

1. Statement of Basis.
2. SO₂ allowances allocated under this permit and NO_x requirements for each affected unit.
3. Comments, notes and justifications regarding permit decisions and changes made to the permit application forms during the review process, and any additional requirements or conditions.
4. The permit application submitted for this source. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.

1) STATEMENT OF BASIS:

Statutory and Regulatory Authorities: In accordance with the Mississippi Air and Water Pollution Control Law, specifically Miss. Code Ann. §§ 49-17-1 through 49-17-43, and any subsequent amendments, and Titles IV and V of the Clean Air Act, the Mississippi Department of Environmental Quality issues this permit pursuant to the State of Mississippi Air Emissions Operating Permit Regulations for the Purposes of Title V of the Federal Clean Air Act, Regulation APC-S-6, and the State of Mississippi Acid Rain Program Permit Regulations for Purposes of Title IV of the Federal Clean Air Act, Regulation APC-S-7.

2). **SO₂ ALLOWANCE ALLOCATIONS AND NO_x REQUIREMENTS FOR EACH AFFECTED UNIT:**

		1997	1998	1999	2000	2001
Unit 1	SO ₂ allowances, under Tables 2, 3, or 4 of 40 CFR Part 73.	NA	NA	NA	4759	4759
		By January 1, 1999, this permit will be reopened to add NO _x requirements in accordance with the 40 CFR Part 76 and section 407 of the Clean Air Act.				

		1997	1998	1999	2000	2001
Unit 2	SO ₂ allowances, under Tables 2, 3, or 4 of 40 CFR Part 73.	NA	NA	NA	5209	5209
		By January 1, 1999, this permit will be reopened to add NO _x requirements in accordance with the 40 CFR Part 76 and section 407 of the Clean Air Act.				

* The number of allowances allocated to Phase II affected units by U.S. EPA may change in a 1998 revision to 40 CFR Part 73, Tables 2, 3, and 4. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO₂ allowance allocations identified in this permit (See 40 CFR 72.84).

3) **COMMENTS, NOTES AND JUSTIFICATIONS:** None.

4) **PHASE II PERMIT APPLICATION:** Attached



MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

James I. Palmer, Jr., Executive Director

Jonathan FUI
Phase II NOK

Scott
11/10

RECEIVED

NOV 09 1998

**BUREAU OF
AIR REGULATION**

November 4, 1998

Mr. Clair H. Fancy, Chief
Bureau of Air Regulation
Florida Department of Environmental Protection
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. Fancy:

Enclosed are copies of public notices for comment on draft synthetic minor operating permits (FESOPs) and draft/proposed Title V permits. If you would like a copy of the draft permit, permit review summary, or the application for any of these facilities, please let us know.

If you have any questions, please advise.

Very truly yours,

Wayne B. Anderson, P. E.
Chief, Air Facilities Branch

WBA:ts

Enclosures

cc: Ms. Sherry Traweek, OPC

○

Public Notice
Mississippi Environmental Quality Permit Board
P. O. Box 10385
Jackson, MS 39289-0385
Telephone No. (601) 961-5171
November 6, 1998

Public Notice No. 98A-AR-003

South Mississippi Electric Power Association's R.D. Morrow Generating Plant (Facility No. 1440-00021) located on Okahola Road, Purvis, MS, 39475, (601) 268-2083 has applied to the Mississippi Department of Environmental Quality for a modification to the existing Phase II Acid Rain Permit. This modification concerns the addition of the nitrogen oxide requirements outlined in 40 CFR Part 76. The applicant's operations fall within SIC Code 4911. A Phase II Acid Rain Permit is a permit that is required by Title IV of the Federal Clean Air Act and the Mississippi Air and Water Pollution Control Law.

The application has been evaluated and the staff of the Department believes that, with proper constraints and limitations on South Mississippi Electric Power Association, this operation meets all State and Federal Title IV regulations. Therefore, the staff of the Board has modified the draft Phase II Acid Rain permit to contain the regulatory constraints specifically stated in the draft permit.

Persons wishing to comment upon or object to the proposed determinations and draft permit are invited to submit comments in writing to B.J. Hailey at the above Permit Board address no later than thirty (30) days from the date of publication of this notice. All comments received by that date will be considered in the formulation of the staff recommendation regarding the application as well as the Board decision. A public hearing will be held if the Permit Board finds a significant degree of public interest in the proposed permit. The Permit Board is limited in the scope of its analysis to environmental impact. Any comments relative to zoning or economic and social impacts are within the jurisdiction of local zoning and planning authorities and should be addressed to them.

After receipt of public comments and thorough consideration of all comments, the staff will formulate its recommendations for permit issuance and a proposed Phase II Acid Rain permit if that is the recommendation. The Phase II Acid Rain permit is a Federally-enforceable permit as well as a State permit. Therefore, the U.S. Environmental Protection Agency (EPA) will also be allowed an opportunity to review the application, proposed permit, and all comments received during the public comment period prior to Permit Board action on the application. Also, EPA has agreed to treat this draft permit as a proposed permit and to perform its 45-day review provided by the law and regulations concurrently with the public notice period. The EPA review period will expire on or about December 21, 1998. Additional details, the application, and a copy of the draft permit, are available by writing or calling B.J. Hailey at the above Permit Board address and telephone number. This information is also available for review at the following location(s) during normal business hours.

Mississippi Department of Environmental Quality
Air Division
101 West Capitol
Jackson, MS 39201

Please bring the foregoing to the attention of persons whom you know will be interested.

Public Notice
Mississippi Environmental Quality Permit Board
P. O. Box 10385
Jackson, MS 39289-0385
Telephone No. (601) 961-5171
November 6, 1998

Public Notice No. 98A-AR-002

Mississippi Power Company's Daniel Electric Generating Plant (Facility No. 1280-00090) located on Highway 63 North, Escatawpa, MS, 39552, (601) 474-3074 has applied to the Mississippi Department of Environmental Quality for a modification to the existing Phase II Acid Rain Permit. This modification concerns the addition of the nitrogen oxide requirements outlined in 40 CFR Part 76. The applicant's operations fall within SIC Code 4911. A Phase II Acid Rain Permit is a permit that is required by Title IV of the Federal Clean Air Act and the Mississippi Air and Water Pollution Control Law.

The application has been evaluated and the staff of the Department believes that, with proper constraints and limitations on Mississippi Power Company, this operation meets all State and Federal Title IV regulations. Therefore, the staff of the Board has modified the draft Phase II Acid Rain permit to contain the regulatory constraints specifically stated in the draft permit.

Persons wishing to comment upon or object to the proposed determinations and draft permit are invited to submit comments in writing to B.J. Hailey at the above Permit Board address no later than thirty (30) days from the date of publication of this notice. All comments received by that date will be considered in the formulation of the staff recommendation regarding the application as well as the Board decision. A public hearing will be held if the Permit Board finds a significant degree of public interest in the proposed permit. The Permit Board is limited in the scope of its analysis to environmental impact. Any comments relative to zoning or economic and social impacts are within the jurisdiction of local zoning and planning authorities and should be addressed to them.

After receipt of public comments and thorough consideration of all comments, the staff will formulate its recommendations for permit issuance and a proposed Phase II Acid Rain permit if that is the recommendation. The Phase II Acid Rain permit is a Federally-enforceable permit as well as a State permit. Therefore, the U.S. Environmental Protection Agency (EPA) will also be allowed an opportunity to review the application, proposed permit, and all comments received during the public comment period prior to Permit Board action on the application. Also, EPA has agreed to treat this draft permit as a proposed permit and to perform its 45-day review provided by the law and regulations concurrently with the public notice period. The EPA review period will expire on or about December 21, 1998. Additional details, the application, and a copy of the draft permit, are available by writing or calling B.J. Hailey at the above Permit Board address and telephone number. This information is also available for review at the following location(s) during normal business hours.

Mississippi Department of Environmental Quality
Air Division
101 West Capitol
Jackson, MS 39201

Please bring the foregoing to the attention of persons whom you know will be interested.

Public Notice
Mississippi Environmental Quality Permit Board
P. O. Box 10385
Jackson, MS 39289-0385
Telephone No. (601) 961-5171
November 6, 1998

Public Notice No. 98A-AR-001

Mississippi Power Company's Watson Electric Generating Plant (Facility No. 1020-00055) located on Lorraine Road, Gulfport, MS, 39502, (601) 897-6168 has applied to the Mississippi Department of Environmental Quality for a modification to the existing Phase II Acid Rain Permit. This modification concerns the addition of the nitrogen oxide requirements outlined in 40 CFR Part 76. The applicant's operations fall within SIC Code 4911. A Phase II Acid Rain Permit is a permit that is required by Title IV of the Federal Clean Air Act and the Mississippi Air and Water Pollution Control Law.

The application has been evaluated and the staff of the Department believes that, with proper constraints and limitations on Mississippi Power Company, this operation meets all State and Federal Title IV regulations. Therefore, the staff of the Board has modified the draft Phase II Acid Rain permit to include the regulatory constraints specifically stated in the draft permit.

Persons wishing to comment upon or object to the proposed determinations and draft permit are invited to submit comments in writing to B.J. Hailey at the above Permit Board address no later than thirty (30) days from the date of publication of this notice. All comments received by that date will be considered in the formulation of the staff recommendation regarding the application as well as the Board decision. A public hearing will be held if the Permit Board finds a significant degree of public interest in the proposed permit. The Permit Board is limited in the scope of its analysis to environmental impact. Any comments relative to zoning or economic and social impacts are within the jurisdiction of local zoning and planning authorities and should be addressed to them.

After receipt of public comments and thorough consideration of all comments, the staff will formulate its recommendations for permit issuance and a proposed Phase II Acid Rain permit if that is the recommendation. The Phase II Acid Rain permit is a Federally-enforceable permit as well as a State permit. Therefore, the U.S. Environmental Protection Agency (EPA) will also be allowed an opportunity to review the application, proposed permit, and all comments received during the public comment period prior to Permit Board action on the application. Also, EPA has agreed to treat this draft permit as a proposed permit and to perform its 45-day review provided by the law and regulations concurrently with the public notice period. The EPA review period will expire on or about December 21, 1998. Additional details, the application, and a copy of the draft permit, are available by writing or calling B.J. Hailey at the above Permit Board address and telephone number. This information is also available for review at the following location(s) during normal business hours.

Mississippi Department of Environmental Quality
Air Division
101 West Capitol
Jackson, MS 39201

Please bring the foregoing to the attention of persons whom you know will be interested.

December 2, 1999

4APT-ARB

Howard L. Rhodes, Director
Department of Environmental Protection
Division of Air Resources Management
Mail Station 5500
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

SUBJ: EPA_s Objection to Proposed Title V Permit for
Gulf Power - Scholz Plant, Permit Number 0630014-001-AV

Dear Mr. Rhodes:

The purpose of this letter is to acknowledge the receipt of the State of Florida's proposed changes to the Gulf Power Company - Scholz Plant proposed title V permit, dated October 25, 1999, which was the subject of a U.S. Environmental Protection Agency (EPA) title V objection on September 30, 1999. EPA Region 4 has completed its review of the proposed changes to the permit and believes that the State has adequately addressed each of the issues enumerated in the objection. Therefore, EPA considers the objection to be resolved. Once the state's proposed changes are incorporated into the permit, the State may proceed with permit issuance. Please note, however, that our opportunity for review and comment on this permit does not prevent EPA from taking enforcement action for issues that were not raised during permit review. After final issuance, this permit may be reopened if EPA or the permitting authority later determines that it must be revised or revoked to assure compliance with applicable requirements.

We commend the efforts of your staff for facilitating the resolution of the permit issues. If you have any questions about this letter, please contact Mr. Gregg Worley, Chief, Operating Source Section at (404) 562-9141.

Sincerely,

Winston A. Smith
Director
Air, Pesticides & Toxics
Management Division

cc: Mr. Robert G. Moore, Gulf Power Company

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4**

IN THE MATTER OF:)
)
Southern Services Company,) **Notice of Violation**
Inc., Georgia Power Company, Alabama)
Power Company, Mississippi Power) **EPA-CAA-2000-04-0006**
Company, Gulf Power Company, and)
Savannah Electric & Power Company)
)
Proceedings Pursuant to)
Section 113(a)(1) of the)
Clean Air Act, 42 U.S.C.)
§7413(a)(1))
)

NOTICE OF VIOLATION

This Notice of Violation ("NOV") is issued to Southern Company Services, Inc. (Southern), Georgia Power Company, Alabama Power Company, Mississippi Power Company, Gulf Power Company, and Savannah Electric & Power Company (hereinafter referred to collectively as the "Southern Companies") for violations of the Clean Air Act ("the Act") at the coal-fired power plants identified below. The Southern Companies have embarked on a program of modifications intended to extend the useful life, regain lost generating capacity, and/or increase capacity at their coal-fired power plants.

Commencing at various times from 1977 to the present, the Southern Companies have modified and operated the coal-fired power plants identified below without obtaining New Source Review ("NSR") permits authorizing the construction and operation of physical modifications at their boiler units as required by the Act. In addition, for each physical modification at these power plants, the Southern Companies have operated these modifications without installing pollution control equipment required by the Act. These violations of the Act and the State Implementation Plans ("SIP") of Georgia, Alabama, Mississippi and Florida have resulted in the release of massive amounts of Sulfur Dioxide ("SO₂"), Nitrogen Oxides ("NO_x"), and Particulate Matter ("PM") into the environment. Until these violations are corrected, the Southern Companies will continue to release massive amounts of illegal SO₂, NO_x, and PM into the environment.

This NOV is issued pursuant to Section 113(a)(1) of the Act, as amended, 42 U.S.C.A. Section 7401-7671q. Section 113(a) of the Act requires the Administrator of the United States Environmental Protection Agency ("EPA") to notify any person in violation of a state implementation plan or permit of the

violations. The authority to issue this NOV has been delegated to the Regional Administrator of EPA Region 4 and further redelegated to the Director, Air, Pesticides and Toxics Management Division, EPA, Region 4.

STATUTORY AND REGULATORY BACKGROUND

1. When the Act was passed in 1970, Congress exempted existing facilities, including the coal-fired power plants that are the subject of this Notice, from many of its requirements. However, Congress also made it quite clear that this exemption would not last forever. As the United States Court of Appeals for the D.C. Circuit explained in Alabama Power v. Costle, 636 F.2d 323 (D.C. Cir. 1979), "the statutory scheme intends to 'grandfather' existing industries; but...this is not to constitute a perpetual immunity from all standards under the PSD program." Rather, the Act requires grandfathered facilities to install modern pollution control devices whenever the unit is proposed to be modified in such a way that its emissions may increase.
2. The NSR provisions of Parts C and D of Title I of the Act require preconstruction review and permitting for modifications of stationary sources. Pursuant to applicable regulations, if a major stationary source is planning upon making a major modification, then that source must obtain either a PSD permit or a nonattainment NSR permit, depending on whether the source is located in an attainment or a nonattainment area for the pollutant being increased above the significance level. To obtain this permit, the source must agree to put on the best available control technology ("BACT") for an attainment pollutant or achieve the lowest achievable emission rate ("LAER") in a nonattainment area, or in the case of a modification that is not major, must meet the emission limit called for under the applicable minor NSR program.
3. Pursuant to the Act, the SIP of Georgia requires that no construction or operation of a modification of a major stationary source occur without first obtaining a NSR permit. See: for PSD permits in attainment areas, 40 C.F.R. § 52.21(i), and Section 7 of Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02, which is part of the Georgia SIP that was approved by EPA on September 18, 1979, as amended on February 10, 1982 (47 Fed. Reg. 6017), December 14, 1992 (57 Fed. Reg. 58989) and February 2, 1996 (61 Fed. Reg. 3817); for NSR permits in nonattainment areas, Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.03, which is part of the Georgia SIP that was approved by EPA on September 18, 1979 (44 Fed. Reg. 54047) and amended on March 8, 1995 (60 Fed. Reg. 12688); for minor modifications regardless of attainment status, Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.03, which is part of the Georgia SIP that was approved by EPA on August 20, 1976 (41 Fed. Reg. 35184), and amended on September 18, 1979 (44 Fed. Reg. 54047) and on March 8, 1995 (60 Fed. Reg. 12688).

4. Pursuant to the Act, the SIP of Alabama requires that no construction or operation of a modification of a major stationary source occur without first obtaining a permit. See: for PSD permits in attainment areas, 40 C.F.R. § 52.21(i), and Alabama Department of Environmental Management Code 335-3-14-.04(8), which is part of the Alabama SIP that was approved by EPA on March 9, 1983 (48 Fed. Reg. 9860); for NSR permits in nonattainment areas, Alabama Department of Environmental Management Code 335-3-14-.05, which is part of the Alabama SIP that was approved by EPA on November 10, 1981 (46 Fed. Reg. 55518), as amended on December 28, 1987 (52 Fed. Reg. 48812); and for minor modifications regardless of attainment status, Alabama Department of Environmental Management Code 335-3-14-.01, which is part of the Alabama SIP that was approved by EPA on November 10, 1981 (46 Fed. Reg. 55518), as amended on December 28, 1987 (52 Fed. Reg. 48812).

5. Pursuant to the Act, the SIP of Mississippi requires that no construction or operation of a modification of a major stationary source occur without first obtaining a permit. See: for PSD permits in attainment areas, 40 C.F.R. § 52.21(i), and Mississippi Commission on Natural Resources regulation APC-S-5, which is part of the Mississippi SIP that was approved by EPA on October 15, 1990 (55 Fed. Reg. 41692), and amended on June 14, 1992 (57 Fed. Reg. 34252), on May 5, 1995 (60 Fed. Reg. 22287), and July 15, 1997 (62 Fed. Reg. 37724); for NSR permits in nonattainment areas, Mississippi Commission on Natural Resources regulation APC-S-2, Section IV, which is part of the Mississippi SIP that was approved by EPA on February 4, 1972 (37 Fed. Reg. 10875), as amended on September 15, 1994 (59 Fed. Reg. 47258) and on May 2, 1995 (60 Fed. Reg. 21442); and for minor modifications regardless of attainment status, Mississippi Commission on Natural Resources regulation APC-S-2, Sections III and IV, which are part of the Mississippi SIP that was approved by EPA on February 4, 1972 (37 Fed. Reg. 10875), as amended on September 15, 1994 (59 Fed. Reg. 47258) and on May 2, 1995 (60 Fed. Reg. 21442).

6. Pursuant to the Act, the SIP of Florida requires that no construction or operation of a modification of a major stationary source without first obtaining a permit. See: for PSD permits in attainment areas, 40 C.F.R. § 52.21(i), and the current Florida SIP Rule 62-212.400, Florida Administrative Code (F.A.C.), which is part of the Florida SIP that was approved by EPA on November 22, 1983 (48 Fed. Reg. 52716), and amended on October 20, 1994 (59 Fed. Reg. 52916), and on January 11, 1995 (60 Fed. Reg. 2688); for NSR permits in nonattainment areas, 40 C.F.R. § 52.24(a), and Florida SIP Rule 62-212.500, F.A.C., which was approved by EPA on November 22, 1983 (48 Fed. Reg. 52716), and amended on October 20, 1994 (59 Fed. Reg. 52916); and for minor NSR permits regardless of attainment status, 62-212.300, F.A.C., which is part of the Florida SIP that was approved by EPA on October 20, 1994 (59 Fed. Reg. 52916).

No SIP-approval for PSD has been given to the State of Florida for power plants which are also subject to the Florida Power Plant Siting Act (PPSA). Rather, Florida has a fully delegated PSD program with respect to power plants subject to the PPSA. Florida implements this delegation under 40 C.F.R. Section 52.21, whose provisions are incorporated by reference into the Florida SIP pursuant to 40 C.F.R. Section 52.530.

7. The SIP provisions identified in paragraphs 3-7 above are all federally enforceable pursuant to Sections 110 and 113 of the Act.

FACTUAL BACKGROUND

8. The Southern Companies are owners and/or operators of the facilities that are the subject of this NOV.
9. Southern and Georgia Power Company operate the Scherer Plant, a fossil fuel-fired electric utility steam generating plant located at 10986 Highway 87, Monroe County, Juliette, Georgia, 31046. The plant consists of 4 boiler units with up to 269,810,000 mmBTU annual heat input, and began operations in 1982.
10. Southern and Georgia Power Company operate the Bowen Plant, a fossil fuel-fired electric utility steam generating plant located at 317 Covered Bridge Road, Bartow County, Cartersville, Georgia, 30120. The plant consists of 4 boiler units with 207,281,000 mmBTU annual heat input in 1998, and began operations in 1972.
11. Southern and Savannah Power Company operate the Kraft Plant, a fossil fuel-fired electric utility steam generating plant located at P.O. Box 4068, Chatham County, Port Wentworth, Georgia, 31407. The plant consists of 4 boiler units, with 7,630,000 mmBTU annual heat input in 1997, and began operations in 1972.
12. The Scherer, Bowen and Kraft Plants are located in areas that have the following attainment/nonattainment classifications from 1979 to the present:
 - For NO₂, the areas have been classified attainment or unclassifiable;
 - For SO₂, the areas have been classified attainment or unclassifiable;
 - For PM, the areas have been classified attainment or unclassifiable;
 - For Ozone, the areas have been classified attainment or unclassifiable.
13. Southern and Alabama Power Company operate the Gorgas Steam Plant, a fossil fuel-fired electric utility steam generating plant located at 460

Gorgas Road, Walker County, Parrish, Alabama, 35580. The plant consists

of 5 boiler units (Nos. 6-10) with 89,621,000 mmBTU annual heat input in 1997, and began operations in 1972.

14. Southern and Alabama Power Company operate the Greene County Plant, a fossil fuel-fired electric utility steam generating plant located at Highway 83 and County Road 18, Greene County, Forkland, Alabama, 36732. The plant consists of 2 boiler units with 34,249,000 mmBTU annual heat input in 1997, and began operations in 1966.

15. The Gorgas and Green County Plants are located in areas that have the following attainment/nonattainment classifications from 1980 to the present:

For NO₂, the areas have been classified attainment or unclassifiable;

For SO₂, the areas have been classified attainment or unclassifiable;

For PM, the areas have been classified attainment or unclassifiable.

For Ozone, the areas have been classified attainment or unclassifiable.

16. Southern and Alabama Power Company operate the Barry Steam Plant, a fossil fuel-fired electric utility steam generating plant located at P.O. Box 70, Mobile County, Bucks, Alabama, 36512. The plant consists of 5 boiler units with 119,483,000 mmBTU annual heat input in 1997, and began operations in 1971.

17. The Barry Steam Plant is located in an area that has the following attainment/nonattainment classifications from 1980 to the present:

For SO₂ and NO₂, the area has been classified attainment or unclassifiable;

For, Ozone, the area has been classified nonattainment until June 12, 1987 and attainment since that time; and

For TSP, the area has been classified nonattainment until November 15, 1984, and attainment since that time.

18. Southern and Alabama Power Company operate the Gaston Steam Plant, a fossil fuel-fired electric utility steam generating plant located at P.O. Box 1127, Shelby County, Wilsonville, Alabama, 35186. The plant consists of 5 boiler units with 111,239,000 mmBTU annual heat input in 1997, and began operations in 1974.

19. The Gaston Steam Plant is located in an area that has the following attainment/nonattainment classifications from 1980 to the present:

For NO₂, the area has been classified attainment or

unclassifiable;

For SO₂, the area has been classified attainment or unclassifiable;

For PM, the area has been classified attainment or unclassifiable.

For Ozone, the area has been classified attainment

20. Southern and Alabama Power Company operate the Miller Plant, a fossil fuel-fired electric utility steam generating plant located at 42050 Porter Road, Jefferson County, Quinton, Alabama, 35130. The plant consists of 4 boiler units with 204,211,519 mMBTU annual heat input in 1998, and began operations in 1978.
21. The Miller Plant is located in an area that has the following attainment/nonattainment classifications from 1980 to the present:
 - For NO₂, the area has been classified attainment or unclassifiable;
 - For SO₂, the area has been classified attainment or unclassifiable;
 - For PM, the area has been classified attainment or unclassifiable.
 - For Ozone, the area has been classified attainment or unclassifiable.
22. Southern and Mississippi Power Company operate the Watson Electric Generating Plant, a fossil fuel-fired electric utility steam generating plant located at P.O. Box 4079, Harrison County, Gulfport, Mississippi, 39502. The plant consists of 2 boiler units (Nos. 4-5) with 46,831,000 mMBTU annual heat input in 1997, and began operations in 1973.
23. The Watson Plant is located in an area that has the following attainment/nonattainment classifications from 1980 to the present:
 - For NO₂, the area has been classified attainment or unclassifiable;
 - For SO₂, the area has been classified attainment or unclassifiable;
 - For PM, the area has been classified attainment or unclassifiable.
 - For Ozone, the area has been classified attainment.
24. Southern and Gulf Power Company operate the Crist Plant, a fossil fuel-fired electric utility steam generating plant located at One Energy Place, Escambia County, Pensacola, Florida, 32520. The plant consists of 4 boiler units (Nos. 4-7) with 44,407,000 mMBTU annual heat input in 1997, and began operations in 1973.
25. The Crist Plant is located in an area that has the following attainment/nonattainment classifications from 1980 to the present:

For NO₂, the area has been classified attainment or unclassifiable;

For SO₂, the area has been classified attainment or unclassifiable;

For PM, the area has been classified attainment or unclassifiable.

For ozone, the area has been classified attainment.

26. Each of the plants identified in paragraphs 9 through 25 above emits or has the potential to emit at least 100 tons per year of NO_x, SO₂ and/or PM and is a major stationary source under the Act.

VIOLATIONS

Georgia Power Plants

A. Scherer Plant

27. In 1979, the Southern and Georgia Power Company "commenced construction" as that term is defined in the 1974 EPA PSD regulations, 40 C.F.R. § 51.21(b), and the Georgia SIP, Section 7 of Georgia Department of Natural Resources Air Quality Control Rule Chapter 391-3-1-.02, on the Scherer Plant in Juliette, Georgia. Construction on Units 3 and 4 was not completed until 1987 and 1989, respectively.
28. For each of these new source constructions that occurred at the Scherer Plant, neither Southern nor Georgia Power obtained a PSD permit pursuant to Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7) nor a minor NSR permit pursuant to Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.03.
29. None of this new source construction falls within the exemptions found at 40 C.F.R. § 52.21(i), because neither Southern nor Georgia Power ever obtained a PSD permit under the 1974 EPA PSD regulations, and the work was not completed in a reasonable time.
30. Each of these new source constructions resulted in a net significant increase in emissions, as that term is defined in 40 C.F.R. § 52.21(b), and Section 7 of Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02, for NO_x, SO₂ and/or PM from Units 3 and 4 of the Scherer Plant.
31. Therefore, Southern and Georgia Power violated and continue to violate the Georgia SIP by constructing and operating the Scherer Plant without the necessary permit required by EPA and the Georgia SIP.
32. Each of these violations exists from the date of start of construction of Units 3 and 4, respectively, until the time that the Southern Company and Georgia Power obtain the appropriate NSR permit and operate the

necessary pollution control equipment to satisfy the Georgia SIP.

B. Bowen Plant

33. On numerous occasions between 1979 and the date of this Notice, Southern and Georgia Power have made "modifications" to the Bowen Plant as defined by the Georgia SIP, Section 7 of Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02. These modifications include the replacement and redesign of the economizer for Unit 2 in 1992.
34. For each of the modifications that occurred at the Bowen Plant, neither Southern nor Georgia Power obtained a PSD permit pursuant to Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7), nor a minor NSR permit pursuant to Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.03. In addition, for modifications after 1992, no information was provided to the permitting agency of actual emissions after the modification as required by Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7).
35. None of these modifications fall within the "routine maintenance, repair and replacement" exemption found at 40 C.F.R. § 52.21(b)(2)(iii)(a), or Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7). Each of these changes was an expensive capital expenditure performed infrequently at the plant that constituted the replacement and/or redesign of a boiler component with a long useful life. In each instance, the change was performed to increase capacity, regain lost capacity, and/or extend the life of the unit. In many instances, the original component was replaced with a component that was substantially redesigned in a manner that increased emissions. That the "routine maintenance, repair and replacement" exemption does not apply where construction activity is at issue was known to the utility industry since at least 1988 when EPA issued a widely publicized applicability determination regarding utility modifications at a Wisconsin Electric Power Co. ("WEPCO") facility. EPA's interpretation of this exemption was upheld by the court of appeals in 1990. Wisconsin Electric Power Co. v. Reilly, 893 F.2d 901 (7th Cir. 1990).
36. None of these modifications fall within the "increase in hours of operation or in the production rate" exemption found at 40 C.F.R. § 52.21(b)(2)(iii)(f), or Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7). This exemption is limited to stand-alone increases in operating hours or production rates, not where such increases follow or are otherwise linked to construction activity. That the hours of operation/rates of production exemption does not apply where construction activity is at issue was known to the utility industry since at least 1988 when EPA issued a widely publicized applicability determination regarding utility modifications at a

Wisconsin Electric Power Co. ("WEPCO") facility. EPA's interpretation of this exemption was upheld twice by the court of appeals, in 1989 and

in 1990. Puerto Rican Cement Co. v. EPA, 889 F.2d 292 (1st Cir. 1989); Wisconsin Electric Power Co. v. Reilly, 893 F.2d 901 (7th Cir. 1990).

37. None of these modifications fall within the "demand growth" exemption found at Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7), because for each modification a physical change was performed which resulted in the emissions increase.
38. Each of these modifications resulted in a net significant increase in emissions, as that term is defined at Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7) from the Bowen Plant for NO_x, SO₂ and/or PM.
39. Therefore, Southern and Georgia Power violated and continue to violate the Georgia SIP by constructing and operating modifications at the Bowen Plant without the necessary permit required by the Georgia SIP.
40. Each of these violations exists from the date of start of construction of the modification until the time that Southern and Georgia Power obtain the appropriate NSR permit and operate the necessary pollution control equipment to satisfy the Georgia SIP.

Alabama Power Plants

C. Miller Plant

41. In 1979, Southern and Alabama Power "commenced construction" as that term is defined in the 1974 EPA PSD regulations, 40 C.F.R. § 51.21(b), and the Alabama SIP, ADEM Code 335-3-14-.04, on the Miller Plant in Quinton, Alabama. Construction on Units 3 and 4 was not completed until 1989 and 1991, respectively.
42. For each of the new source constructions that occurred at the Miller Plant, neither Southern nor Alabama Power obtained a PSD permit pursuant to ADEM Code 335-3-14-.04, a nonattainment NSR permit pursuant to ADEM Code 335-3-14-.05, nor a minor NSR permit pursuant to ADEM Code 335-3-14-.01.
43. None of this new source construction falls within the exemptions found at 40 C.F.R. § 52.21(i), because neither Southern nor Alabama Power ever obtained a PSD permit under the 1974 or 1978 EPA PSD regulations, and the work was not completed in a reasonable time.
44. Each of these new source constructions resulted in a net significant increase in emissions, as that term is defined in 40 C.F.R. § 52.21(b), and ADEM Code 335-3-14-.04(2), for NO_x, SO₂ and/or PM from Units 3 and 4 of the Miller Plant.

45. Therefore, Southern and Alabama Power violated and continue to violate the Alabama SIP by constructing and operating the Miller Plant without the necessary permit required by EPA and the Alabama SIP.
46. Each of these violations exists from the date of start of construction of Units 3 and 4, respectively, until the time that Southern and Alabama Power obtain the appropriate NSR permit and operate the necessary pollution control equipment to satisfy the Alabama SIP.

D. Barry, Gorgas, Gaston and Greene County Plants

47. On numerous occasions between 1979 and the date of this Notice, Southern and Alabama Power have made "modifications" of the Barry Plant as defined by the Alabama SIP, Alabama Department of Environmental Management (ADEM) Code 335-3-14-.04(2)(b)(1). These modifications include the installation of a new economizer on Unit 5 in 1993.
48. For each of the modifications that occurred at the Barry Plant, neither Southern nor Alabama Power obtained a PSD permit pursuant to ADEM Code 335-3-14-.04, a nonattainment NSR permit pursuant to ADEM Code 335-3-14-.05, nor a minor NSR permit pursuant to ADEM Rule 335-3-14-.01. In addition, no information was provided to the permitting agency of actual emissions after a modification as required by ADEM Code 335-3-14-.03.
49. On numerous occasions between 1979 and the date of this Notice, Southern and Alabama Power have made "modifications" of the Gorgas Plant as defined by the Alabama SIP, ADEM Code 335-3-14-.04(2)(b)(1). These modifications included, but are not limited to, the balanced draft conversion of Unit 10 in 1985, the installation of a new economizer on Unit 10 in 1994, and installation of redesigned air heaters on Unit 10 in 1994.
50. For each of these modifications that occurred at the Gorgas Plant, neither Southern nor Alabama Power obtained a PSD permit pursuant to ADEM Code 335-3-14-.04, a nonattainment NSR permit pursuant to ADEM Code 335-3-14-.05, nor a minor NSR permit pursuant to ADEM Rule 335-3-14-.01. In addition, for modifications after 1992, no documentation was provided to the permitting agency of actual emissions after the modification as required by ADEM Code 335-3-14-.03.
51. On numerous occasions between 1979 and the date of this Notice, Southern and Alabama Power have made "modifications" of the Gaston Plant as defined by the Alabama SIP, ADEM Code 335-3-14-.04(2)(b)(1). These modifications include the replacement of the front reheater for Unit 5 in 1991.
52. For each of the modifications that occurred at the Gaston Plant, neither the Southern Company nor Alabama Power obtained a PSD permit pursuant to

- ADEM Code 335-3-14-.04, a nonattainment NSR permit pursuant to ADEM Code 335-3-14-.05, nor a minor NSR permit pursuant to ADEM Rule 335-3-14-.01. In addition, for modifications after 1992, no documentation was provided to the permitting agency of actual emission after the modification as required by ADEM Code 335-3-14-.03.
53. On numerous occasions between 1979 and the date of this Notice, Southern and Alabama Power have made "modifications" of the Greene County Plant as defined by the Alabama SIP, ADEM Code 335-3-14-.04(2)(b)(1). These modifications include the replacement of the primary reheater for Unit 2 in 1989.
 54. For each of the modifications that occurred at the Greene Plant, neither Southern nor Alabama Power obtained a PSD permit pursuant to ADEM Code 335-3-14-.04, a nonattainment NSR permit pursuant to ADEM Code 335-3-14-.05, nor a minor NSR permit pursuant to ADEM Rule 335-3-14-.01. In addition, for modifications after 1992, no information was provided to the permitting agency of actual emissions after the modification as required by ADEM Code 335-3-14-.03.
 55. The modifications at the Barry, Gorgas, Gaston, and Greene County plants do not fall within the "routine maintenance, repair and replacement" exemption found at 40 C.F.R. § 52.21(b)(2)(iii)(a), or ADEM Code 391-3-14-.04(8). Each of these changes was an expensive capital expenditure performed infrequently at the plant that constituted the replacement and/or redesign of a boiler component with a long useful life. In each instance, the change was performed to increase capacity, regain lost capacity, and/or extend the life of the unit. In many instances, the original component was replaced with a component that was substantially redesigned in a manner that increased emissions. That the "routine maintenance, repair and replacement" exemption does not apply where construction activity is at issue was known to the utility industry since at least 1988 when EPA issued a widely publicized applicability determination regarding utility modifications at a Wisconsin Electric Power Co. ("WEPCO") facility. EPA's interpretation of this exemption was upheld by the court of appeals in 1990. Wisconsin Electric Power Co. v. Reilly, 893 F.2d 901 (7th Cir. 1990).
 56. None of these modifications fall within the "increase in hours of operation or in the production rate" exemption found at 40 C.F.R. § 52.21(b)(2)(iii)(f), or ADEM Code 391-3-14-.04(8). This exemption is limited to stand-alone increases in operating hours or production rates, not where such increases follow or are otherwise linked to construction activity. That the hours of operation/rates of production exemption does not apply where construction activity is at issue was known to the utility industry since at least 1988 when EPA issued a widely publicized applicability determination regarding utility modifications at a Wisconsin Electric Power Co. ("WEPCO") facility. EPA's interpretation

of this exemption was upheld twice by the court of appeals, in 1989 and

in 1990. Puerto Rican Cement Co. v. EPA, 889 F.2d 292 (1st Cir. 1989); Wisconsin Electric Power Co. v. Reilly, 893 F.2d 901 (7th Cir. 1990).

57. Each of the modifications at the Barry, Gorgas, Gaston, and Greene County plants resulted in a net significant increase in emissions, as that term is defined in ADEM Code 335-3-14-.04(2)(w), for NO_x, SO₂ and/or PM.
58. Therefore, Southern and Alabama Power violated and continue to violate the Alabama SIP by constructing and operating modifications at the Barry, Gorgas, Gaston, and Greene County Plants without the necessary permit required by EPA and by the Alabama SIP.
59. Each of these violations exists from the date of start of construction of the modification until the time that Southern and Alabama Power obtain the appropriate NSR permit and operate the necessary pollution control equipment to satisfy EPA and the Alabama SIP.

E. Watson Plant

60. On numerous occasions between 1979 and the date of this Notice, Southern and Mississippi Power Company have made "modifications" of the Watson Plant as defined by the Mississippi SIP, Mississippi Commission on Natural Resources regulation APC-S-2, Section I. These modifications include the replacement of the economizer at Unit 5 in 1992.
61. For each of the modifications that occurred at the Watson Plant, neither Southern nor Mississippi Power obtained a PSD permit pursuant to Mississippi Commission on Natural Resources regulation APC-S-2, Section IV, a nonattainment NSR permit pursuant to Mississippi Commission on Natural Resources regulation APC-S-2, Section IV, nor a minor permit pursuant to Mississippi Commission on Natural Resources regulation APC-S-2, Section III.
62. None of these modifications fall within the "routine maintenance, repair and replacement" exemption found at 40 C.F.R. § 52.21(b)(2)(iii)(a), or Mississippi Commission on Natural Resources regulation APC-S-2, Section I. Each of these changes was an expensive capital expenditure performed infrequently at the plant that constituted the replacement and/or redesign of a boiler component with a long useful life. In each instance, the change was performed to increase capacity, regain lost capacity, and/or extend the life of the unit. In many instances, the original component was replaced with a component that was substantially redesigned in a manner that increased emissions. That the "routine maintenance, repair and replacement" exemption does not apply where construction activity is at issue was known to the utility industry since at least 1988 when EPA issued a widely publicized applicability determination regarding utility modifications at a Wisconsin Electric

Power Co. ("WEPCO") facility. EPA's interpretation of this exemption was upheld by the court of appeals in 1990. Wisconsin Electric Power Co. v. Reilly, 893 F.2d 901 (7th Cir. 1990).

63. None of these modifications fall within the "increase in hours of operation or in the production rate" exemption found at 40 C.F.R. § 52.21(b)(2)(iii)(f), or Mississippi Commission on Natural Resources regulation APC-S-2, Section I. This exemption is limited to stand-alone increases in operating hours or production rates, not where such increases follow or are otherwise linked to construction activity. That the hours of operation/rates of production exemption does not apply where construction activity is at issue was known to the utility industry since at least 1988 when EPA issued a widely publicized applicability determination regarding utility modifications at a Wisconsin Electric Power Co. ("WEPCO") facility. EPA's interpretation of this exemption was upheld twice by the court of appeals, in 1989 and in 1990. Puerto Rican Cement Co. v. EPA, 889 F.2D 292 (1st Cir. 1989); Wisconsin Electric Power Co. v. Reilly, 893 F.2d 901 (7th Cir. 1990).
64. Each of these modifications resulted in a net significant increase in emissions, as that term is defined in Mississippi Commission on Natural Resources regulation APC-S-2, Section I, from the Watson Plant for NO_x, SO₂ and/or PM.
65. Therefore, Southern and Mississippi Power violated and continue to violate the Mississippi SIP by constructing and operating modifications at the Watson Plant without the necessary permit required by EPA and the Mississippi SIP.
66. Each of these violations exists from the date of start of construction of the modification until the time that Southern and Mississippi Power obtain the appropriate NSR permit and operate the necessary pollution control equipment to satisfy EPA and the Mississippi SIP.

F. Crist Plant

67. On numerous occasions between 1979 and the date of this Notice, Southern and Gulf Power Company have made "modifications" at the Crist Plant as defined by both the EPA PSD Regulations, 40 C.F.R. Part 51, Section 52.21(b), and Florida SIP Rule 62-212.400, F.A.C. These modifications include the replacement of the economizer at Unit 7 in 1996.
68. For each of the modifications that occurred at the Crist Plant, neither Southern nor Gulf Power obtained a PSD permit pursuant to 40 C.F.R. § 52.21 and Florida regulation 62-212.400, F.A.C., a nonattainment NSR permit pursuant to 40 C.F.R. § 52.24 and Florida regulation 62-212.500, F.A.C., nor a minor source permit pursuant to the Florida SIP, regulation 62-212.300, F.A.C. In addition, for modifications after

1992, no information was provided to the permitting agency of actual

emissions after the modification as required by 40 C.F.R. § 52.21(b) (21) (v).

69. None of these modifications fall within the "routine maintenance, repair and replacement" exemption found at 40 C.F.R. § 51.21(b) (2) (iii) (a), or Florida regulation 62-210.200(183) (a) 1a, F.A.C. Each of these changes was an expensive capital expenditure performed infrequently at the plant that constituted the replacement and/or redesign of a boiler component with a long useful life. In each instance, the change was performed to increase capacity, regain lost capacity, and/or extend the life of the unit. In many instances, the original component was replaced with a component that was substantially redesigned in a manner that increased emissions. That the "routine maintenance, repair and replacement" exemption does not apply where construction activity is at issue was known to the utility industry since at least 1988 when EPA issued a widely publicized applicability determination regarding utility modifications at a Wisconsin Electric Power Co. ("WEPCO") facility. EPA's interpretation of this exemption was upheld by the court of appeals in 1990. Wisconsin Electric Power Co. v. Reilly, 893 F.2d 901 (7th Cir. 1990).
70. None of these modifications fall within the "increase in hours of operation or in the production rate" exemption found at 40 C.F.R. § 52.21(b) (2) (iii) (f), or Florida regulation 62-210.200(183) (a) 1a, F.A.C. This exemption is limited to stand-alone increases in operating hours or production rates, not where such increases follow or are otherwise linked to construction activity. That the hours of operation/rates of production exemption does not apply where construction activity is at issue was known to the utility industry since at least 1988 when EPA issued a widely publicized applicability determination regarding utility modifications at a Wisconsin Electric Power Co. ("WEPCO") facility. EPA's interpretation of this exemption was upheld twice by the court of appeals, in 1989 and in 1990. Puerto Rican Cement Co. v. EPA, 889 F.2D 292 (1st Cir. 1989); Wisconsin Electric Power Co. v. Reilly, 893 F.2d 901 (7th Cir. 1990).
71. None of these modifications fall within the "demand growth" exemption found at 40 C.F.R. § 52.21(b), because for each modification a physical change was performed which resulted in the emissions increase.
72. Each of these modifications resulted in a net significant increase in emissions, as that term is defined in 40 C.F.R. § 51.21(b), from the Crist Plant for NO_x, SO₂ and/or PM.
73. Therefore, Southern and Gulf Power violated and continue to violate the Florida SIP by constructing and operating modifications at the Crist Plant without the necessary permit required by the EPA PSD regulations and the Florida SIP.

74. Each of these violations exists from the date of start of construction of the modification until the time that Southern and Gulf Power obtain the appropriate NSR permit and operate the necessary pollution control equipment to satisfy the EPA PSD regulations and the Florida SIP.

M. Plant Kraft

75. On numerous occasions between 1979 and the date of this Notice, Southern and Savannah Power Company have made "modifications" at the Kraft Plant as defined by the Georgia SIP, Section 7 of Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02. These modifications include the balanced draft conversion of Unit 3 in 1985.
76. For each of the modifications that occurred at the Kraft Plant, neither Southern nor Savannah Power obtained a PSD permit pursuant to Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7), a nonattainment NSR permit pursuant to Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.03, nor a minor NSR permit pursuant to Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.03. In addition, for modifications after 1992, no information was provided to the permitting agency of actual emissions after the modification as required by Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7).
77. None of these modifications fall within the "routine maintenance, repair and replacement" exemption found at 40 C.F.R. § 52.21(b)(2)(iii)(a), or Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7). Each of these changes was an expensive capital expenditure performed infrequently at the plant that constituted the replacement and/or redesign of a boiler component with a long useful life. In each instance, the change was performed to increase capacity, regain lost capacity, and/or extend the life of the unit. In many instances, the original component was replaced with a component that was substantially redesigned in a manner that increased emissions. That the "routine maintenance, repair and replacement" exemption does not apply where construction activity is at issue was known to the utility industry since at least 1988 when EPA issued a widely publicized applicability determination regarding utility modifications at a Wisconsin Electric Power Co. ("WEPCO") facility. EPA's interpretation of this exemption was upheld by the court of appeals in 1990. Wisconsin Electric Power Co. v. Reilly, 893 F.2d 901 (7th Cir. 1990).
78. None of these modifications fall within the "increase in hours of operation or in the production rate" exemption found at 40 C.F.R. § 52.21(b)(2)(iii)(f), or Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7). This exemption is limited to stand-alone increases in operating hours or production rates, not where

such increases follow or are otherwise linked to construction activity. That the hours of operation/rates of production exemption does not apply where construction activity is at issue was known to the utility industry since at least 1988 when EPA issued a widely publicized applicability determination regarding utility modifications at a Wisconsin Electric Power Co. ("WEPCO") facility. EPA's interpretation of this exemption was upheld twice by the court of appeals, in 1989 and in 1990. Puerto Rican Cement Co. v. EPA, 889 F.2D 292 (1st Cir. 1989); Wisconsin Electric Power Co. v. Reilly, 893 F.2d 901 (7th Cir. 1990).

79. None of these modifications fall within the "demand growth" exemption found at Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7), because for each modification a physical change was performed which resulted in the emissions increase.
80. Each of these modifications resulted in a net significant increase in emissions, as that term is defined within Georgia Department of Natural Resources Air Quality Control Rule 391-3-1-.02(7), from the Kraft Plant for NO_x, SO₂, and/or PM.
81. Therefore, Southern and Savannah Power violated and continue to violate the Georgia SIP by constructing and operating modifications at the Kraft Plant without the necessary permit required by the Georgia SIP.
82. Each of these violations exists from the date of start of construction of the modification until the time that Southern and Savannah Power obtain the appropriate NSR permit and operate the necessary pollution control equipment to satisfy the Georgia SIP.

ENFORCEMENT

Section 113(a)(1) of the Act provides that at any time after the expiration of 30 days following the date of the issuance of this NOV, the Regional Administrator may, without regard to the period of violation, issue an order requiring compliance with the requirements of the state implementation plan or permit, and/or bring a civil action pursuant to Section 113(b) for injunctive relief and/or civil penalties of not more than \$25,000 per day for each violation on or before January 30, 1997, and no more than \$27,500 per day for each violation after January 30, 1997.

OPPORTUNITY FOR CONFERENCE

Respondents may, upon request, confer with EPA. The conference will enable Respondents to present evidence bearing on the finding of violation, on the nature of violation, and on any efforts it may have taken or proposes to take to achieve compliance. Respondents have the right to be represented by counsel. A request for a conference must be made within 10 days of receipt of this NOV, and the request for a conference or other inquiries concerning the

NOV should be make in writing to:

Charles V. Mikalian
Associate Regional Counsel
Environmental Accountability Division
U.S. EPA - Region 4
61 Forsyth Street, S.W.
Atlanta, Georgia 30303
404-562-9575

By offering the opportunity for a conference or participating in one, EPA does not waive or limit its right to any remedy available under the Act.

Effective Date

This NOV shall become effective immediately upon issuance.

Date

John H. Hankinson, Jr.
Regional Administrator
EPA, Region 4

Mikalian

Dion

Tommelleo

Hockett

Bouma

Dubose

Spagg

Kutzman

Smith

Lynch

Hankinson

Part 70 Operating Permit

Permit Number: 4911-237-0008-V-01-0 **Effective Date:** January 1, 2000

Facility Name: Branch Steam-Electric Generating Plant

Facility Address: US Highway 441 Truck route
P.O. Box 990
Milledgeville, Georgia 31061 (Putnam County)

Mailing Address: 241 Ralph McGill Blvd. S.E., Bin 10221
Atlanta, Georgia 30308

Parent/Holding Company: The Southern Company
Georgia Power Company

Facility AIRS Number: 04-13- 237-00008 **Primary SIC:** 4911

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to or in effect under the Act, the Permittee described above is issued a Part 70 Permit for:

Electric utility plant including four steam electric generating units.

This Permit is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted or in effect under that Act, or any other condition of this Permit. Unless modified or revoked, this Permit expires five years after the effective date indicated above.

This Permit may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Title V Application No. TV-9304 which was determined to be complete on February 14, 1997; any other applications upon which this Permit is based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Permit is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 32 pages, which pages are a part of this Permit.

Director
Environmental Protection Division

TITLE V PERMIT

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Note: Citations in brackets provide underlying regulatory authority for permit requirements. Refer to Attachment C.

PART 1.0 FACILITY DESCRIPTION**1.1 Site Determination**

Plant Branch is currently contracting with an ash processing facility located on site to process and sell some of the coal ash produced from the electric generating process at Plant Branch. Even though the ash processing facility and Plant Branch are located on contiguous property, they are deemed to be separate sources for purposes of Title V permitting due to the fact that there is no common control between Georgia Power Company and the ash processing facility. Therefore, the Title V permit for Plant Branch covers only those operations controlled solely by Georgia Power. The ash processing facility, which is itself a minor source under 40 CFR Part 70, will continue to operate under its minor source SIP permit.

1.2 Previous and/or Other Names

This facility is commonly known and referred to as Plant Branch. It may also be referred to as Plant Harllee Branch. No other names were identified.

1.3 Overall Facility Process Description

Plant Branch burns fossil fuel to generate electricity. This facility includes four steam electric generating units which primarily burn coal. All four units exhaust through one 1000 ft stack which has two liners. Units 1 and 2, which are designated as Source 1, exhaust through one of the stack liners and Units 3 and 4, designated Source 2, exhaust through the other liner.

TITLE V PERMIT

Branch Steam-Electric Generating Plant

Permit No. 4911-237-0008-V-01-0

PART 2.0 REQUIREMENTS PERTAINING TO THE ENTIRE FACILITY

2.1 Emission Limits - None

2.2 Facility Wide Federal Rule Standards - None

2.3 Facility Wide SIP Rule Standards - None

2.4 Facility Wide Standards Not Covered by a Federal or SIP Rule and Not Instituted as an Emission Cap or Operating Limit - None

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PART 3.0 REQUIREMENTS FOR EMISSION UNITS

Note: Except where an applicable requirement specifically states otherwise, the averaging times of any of the Emissions Limitations or Standards included in this permit are tied to or based on the run time(s) specified for the applicable reference test method(s) or procedures required for demonstrating compliance.

3.1 Emission Units

Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements / Standards	Corresponding Permit Conditions	ID No.	Description
SG01	Steam Generator Unit 1	391-3-1-.02(2)(b), (d), (g), and Acid Rain	3.2.1, 3.2.2, 3.2.3, 3.2.4, 3.4.1, 3.4.2, 3.4.3, Section 7.9	EP01	ESP
SG02	Steam Generator Unit 2	391-3-1-.02(2)(b), (d), (g), and Acid Rain	See SG01	EP02	ESP
SG03	Steam Generator Unit 3	391-3-1-.02(2)(b), (d), (g), and Acid Rain	See SG01	EP03	ESP
SG04	Steam Generator Unit 4	391-3-1-.02(2)(b), (d), (g), and Acid Rain	See SG01	EP04	ESP
CHS	Coal Handling System	391-3-1-.02(2)(n)	3.4.4, 3.4.5	none	n/a
AHS	Ash Handling System	391-3-1-.02(2)(n)	3.4.4, 3.4.5	none	n/a

* Generally Applicable Requirements contained in this permit may apply also to emission units listed above.

3.2 Equipment Emission Caps and Operating Limits

3.2.1 State Only Enforceable Condition.

The Permittee shall not fire any fuel other than coal in the steam generating units (emission unit IDs SG01, SG02, SG03, and SG04) except for the following:
[391-3-1-.03(2)(c)]

- a. No. 2 fuel oil may be burned for start-up, shutdown, to assist in achieving peak load, and flame stabilization.
- b. Small quantities of sawdust, as indicated in Condition 3.2.2(a), may be blended and fired with the coal.
- c. Small quantities of biomass, as indicated in Condition 3.2.2(b), may be blended and fired with the coal. Biomass, as used in this permit, shall include, but not be limited to paper, vegetative matter, or wood chips. Biomass shall not include sawdust.
- d. Small quantities of used oil, as indicated in Condition 3.2.2(c) which meets the specifications in Condition 3.2.4 and is generated on-site, may be burned.

TITLE V PERMIT

3.2.2 State Only Enforceable Condition.

The Permittee shall not fire sawdust, biomass, or used oil, in the steam generating units (emission unit IDs SG01, SG02, SG03, and SG04), in excess of the amounts listed below. These limits apply to all steam generating units combined.

[391-3-1-.03(2)(c)]

- a. 4,000 tons per month of sawdust.
- b. 100 tons per month of biomass.
- c. 100,000 gallons of used oil during any 12 consecutive month period.

3.2.3 State Only Enforceable Condition.

The Permittee shall not burn used oil in any steam generating unit (emission unit IDs SG01, SG02, SG03, or SG04) during periods of startup or shutdown. For the purposes of this permit, startup shall be defined as the period lasting from the time the first oil fire is established in the furnace until the time that mill/burner performance and secondary air temperature are adequate to maintain an exiting gas temperature above the sulfuric acid dew point.

[391-3-1-.03(2)(c)]

3.2.4 State Only Enforceable Condition.

The Permittee may only burn used oil which meets the specifications listed below:

Constituent/Property	Allowable Level
Total Halogens	4000 ppm maximum
PCBs	50 ppm maximum

Used oil which does not meet these specifications may not be burned. Used oil may not be diluted or blended in order to meet these specifications.

[391-3-1-.03(2)(c)]

3.3 Equipment Federal Rule Standards - None

3.4 Equipment SIP Rule Standards

3.4.1 The Permittee shall not discharge or cause the discharge into the atmosphere from any steam generating unit (emission unit IDs SG01, SG02, SG03, or SG04), or steam generating source, any gases which contain particulate matter in excess of 0.24 lb/mmBtu heat input.

[391-3-1-.02(2)(d)1(iii)]

3.4.2 The Permittee shall not discharge or cause the discharge into the atmosphere from any steam generating unit (emission unit IDs SG01, SG02, SG03, or SG04) any gases which exhibit opacity equal to or greater than 40 percent.

[391-3-1-.02(2)(b)]

TITLE V PERMIT

Branch Steam-Electric Generating Plant

Permit No. 4911-237-0008-V-01-0

- 3.4.3 The Permittee shall not fire any fuel in any steam generating unit (emission unit IDs SG01, SG02, SG03, or SG04) that contains greater than 3.0 percent sulfur, by weight.
[391-3-1-.02(2)(g)2]
- 3.4.4 The Permittee shall take all reasonable precautions with the coal handling system (emission unit ID CHS) and the ash handling system (emission unit ID AHS) to prevent fugitive dust from these operations from becoming airborne.
[391-3-1-.02(2)(n)1]
- 3.4.5 The percent opacity from the coal handling system (emission unit ID CHS) and the ash handling system (emission unit ID AHS) shall not equal or exceed 20 percent.
[391-3-1-.02(2)(n)2]
- 3.5 Equipment Standards Not Covered by a Federal or SIP Rule and Not Instituted as an Emission Cap or Operating Limit - None

PART 4.0 REQUIREMENTS FOR TESTING**4.1 General Testing Requirements**

- 4.1.1 The Permittee shall cause to be conducted a performance test at any specified emission point when so directed by the Environmental Protection Division ("Division"). The test results shall be submitted to the Division within 30 days of the completion of the testing. Any tests shall be performed and conducted using methods and procedures which have been previously specified or approved by the Division.
[391-3-1-.02(6)(b)1(i)]
- 4.1.2 The Permittee shall provide the Division thirty (30) days prior written notice of the date of any performance test(s) to afford the Division the opportunity to witness and/or audit the test, and shall provide with the notification a test plan in accordance with Division guidelines.
[391-3-1-.02(3)(a)]
- 4.1.3 Performance and compliance tests shall be conducted and data reduced in accordance with applicable procedures and methods specified in the Division's **Procedures for Testing and Monitoring Sources of Air Pollutants**. The methods for the determination of compliance with emission limits listed under Sections 3.2 and 3.4 which pertain to the emission units listed in Section 3.1 are as follows:
- a. Method 1 for selection of sampling site and number of traverse points.
 - b. Method 2 shall be used for stack gas flow rate.
 - c. Method 3 shall be used for stack gas molecular weight.
 - d. Method 3B shall be used to determine the emissions rate correction factor or excess air. For Method 3B, Method 3A may be used as an alternative.
 - e. Method 4 shall be used for moisture determination.
 - f. Method 5 or Method 17 shall be used for particulate matter emissions.
 - g. Method 9 and Section 1.3 of the Procedures Manual shall be used to determine opacity.
 - h. Method 19 shall be used for determining particulate matter, sulfur dioxide, and nitrogen oxides emission rates.

Minor changes in methodology may be specified or approved by the Director or his designee when necessitated by process variables, changes in facility design, or improvement or corrections which, in his opinion, render those methods or procedures, or portions thereof, more reliable.

[391-3-1-.02(3)(a)]

4.2 Specific Testing Requirements

4.2.1 The Permittee shall conduct the following performance tests on the following emissions units at the frequency specified:

- a. Particulate matter tests on Steam Generating Units 1 and 2 (emissions units SG01 and SG02, combined exhaust) and on Steam Generating Units 3 and 4 (emissions units SG03 and SG04, combined exhaust). The tests shall be conducted annually at approximately twelve month intervals, not to exceed thirteen months between tests. The Permittee may, if test results from the previous annual tests are fifty percent or less of the limitation in Condition 3.4.1, request that testing be deferred for a period no greater than twelve months from the required annual test date. Such request shall be in written form at least ninety days prior to the scheduled test.
[391-3-1-.02(6)(b)1(i)]

PART 5.0 REQUIREMENTS FOR MONITORING (and Related Record Keeping and Reporting)5.1 General Monitoring Requirements

- 5.1.1 Any monitoring system installed by the Permittee shall be in continuous operation and data recorded during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Data shall be recorded during calibration checks and zero and span adjustments. Maintenance or repair shall be conducted in the most expedient manner to minimize the period during which the system is out of service.
[391-3-1-.02(6)(b)1]

5.2 Specific Monitoring Requirements

- 5.2.1 The Permittee shall install, calibrate, maintain, and operate continuous monitoring systems for the measurement of the following pollutants (or parameters) on the following equipment. Each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.
[391-3-1-.02(6)(a)2(i)(I), 391-3-1-.02(6)(b)1(i) and 40 CFR 70.6(a)(3)(i)]
- a. A continuous opacity monitoring system on Steam Generating Units 1 and 2 (SG01 and SG02, combined exhaust) and on Steam Generating Units 3 and 4 (SG03 and SG04, combined exhaust).
- 5.2.2 Should the Permittee install a flue gas conditioning system on any steam generating unit, the Permittee shall install a device for measuring and recording, on an hourly basis, the quantity of molten sulfur metered to the sulfur burners.
[391-3-1-.02(6)(b)1(i) and 40 CFR 70.6(a)(3)(i)]
- 5.2.3 For the purposes of reporting deviations and/or excess emissions as required by Condition 5.3.1, deviations and/or excess emissions are defined as:
[40 CFR 70.6(a)(3)(iii)(A)]
- a. Any six-minute period during which the average opacity, as measured by a Continuous Opacity Monitoring System, exceeds 40 percent shall be reported as excess emissions.
- b. For Steam Generating Units 1 and 2, any three hour period during which the average opacity, as measured by the Continuous Opacity Monitoring System, exceeds 35 percent shall be reported as excess emissions. For the purpose of this condition each clock hour begins a new three hour period.
- c. For Steam Generating Units 3 and 4, any three hour period during which the average opacity, as measured by the Continuous Opacity Monitoring System, exceeds 40 percent shall be reported as excess emissions. For the purpose of this condition each clock hour begins a new three hour period.

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- 5.2.4 For each day or portion of a day that coal is burned in Steam Generating Units 1, 2, 3, and 4, the Permittee shall obtain a sample of as-bunkered coal for analysis for sulfur content (%S), moisture content, and Gross Caloric Value (GCV). The sample shall be acquired and analyzed using the procedures of Section 5.2.1 in Method 19 of the Division's **Procedures for Testing and Monitoring Sources of Air Pollutants**.
[391-3-1-.02(6)(b)1(i) and 40 CFR 70.6(a)(3)(i)]
- 5.2.5 For each shipment of No. 2 fuel oil received, the Permittee shall obtain from the supplier of the fuel oil, a statement certifying that the oil complies with the specifications of No. 2 fuel oil contained in ASTM D 396.
[391-3-1-.02(6)(b)1(i) and 40 CFR 70.6(a)(3)(i)]
- 5.2.6 **State Only Enforceable Condition.**
The Permittee shall, for each lot of used oil to be burned in Steam Generating Units 1, 2, 3, and 4, obtain a sample for analysis of the constituents/property listed in Condition 3.2.4. The sample shall be obtained before the used oil is transferred to the storage tank from which oil will be drawn for burning. In lieu of the requirement to sample each lot of used oil prior to transfer, the Permittee may develop for approval by the Division a custom schedule for sampling used oil to be burned at this facility. The sample(s) shall be obtained and analyzed using the following methods;
[391-3-1-.02(6)(b)1(i)]
- a. The procedures described in U.S. Environmental Protection Agency document EPA-600/2-80-018 (Samplers and Sampling Procedures for Hazardous Waste Streams) shall be used to obtain the sample.
 - b. Method 6010B, contained in the SW-846 methods manual of U.S. Environmental Protection Agency's Office of Solid Waste, shall be used to determine concentrations of arsenic, cadmium, chromium, and lead.
 - c. SW-846 Method 8010 shall be used to determine total halogens.
 - d. ASTM D 93 shall be used to determine flash point.
 - e. Polychlorinated Biphenyls (PCB) shall be determined using the test method described in U.S. Environmental Protection Agency Document EPA-600/4-81-045 (*The Determination of Polychlorinated Biphenyls in Transformer Fluid and Waste Oil*).

5.3 Record Keeping and Reporting Requirements

- 5.3.1 The Permittee shall submit written reports to the Division of deviations and/or excess emissions from the applicable limitations or standards as specified in Section 5.2 and malfunctions of the monitors required by Section 5.2 for each quarter ending March 31, June 30, September 30, and December 31 of each year. All reports shall be postmarked by the 30th day following the end of each reporting period. In the event that there have not been any deviations, excess emissions, or malfunctions during a reporting period, the report should state same. Otherwise, the contents of each report shall be as specified by the Division's **Procedures for Testing and Monitoring Sources of Air Pollutants** and shall contain the following:
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(iii)(A)]

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- a. A summary report of deviations and/or excess emissions and monitor downtime prepared in accordance with Section 1.5(c) and (d) of those procedures, including any failure to follow required work practice procedures.
 - b. Total process operating time during each reporting period.
 - c. The magnitude of deviations and/or excess emissions computed in accordance with Condition 5.2.3 of the permit, and any conversion factors used, and the date and time of the commencement and completion of each time period of such deviations and/or excess emissions.
 - d. Specific identification of each period of deviations and/or excess emissions that occurs during startups, shutdowns, or malfunctions of the affected facility. The nature and cause of any malfunction (if known), the corrective action taken or preventive measures adopted.
 - e. The date and time identifying each period during which any required monitoring system or device was inoperative (including periods of malfunction) except for zero and span checks, and the nature of the repairs, adjustments, or replacement. When the monitoring system or device has not been inoperative, repaired, or adjusted, such information shall be stated in the report.
 - f. Certification by a Responsible Official that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
- 5.3.2 Where applicable, the Permittee shall keep the following records of required monitoring information:
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(3)(ii)(A)]
- a. The date, place, and time of sampling or measurement;
 - b. The date(s) analyses were performed;
 - c. The company or entity that performed the analyses;
 - d. The analytical techniques or methods used;
 - e. The results of such analyses; and
 - f. The operating conditions as existing at the time of sampling or measurement.
- 5.3.3 The Permittee shall maintain files of all measurements, including continuous monitoring systems, monitoring devices, and performance testing measurements; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices. These files shall be kept in a permanent form suitable for inspection and shall be maintained for a period of at least five (5) years following the date of such measurements, reports, maintenance and records.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6 (a)(3)(ii)(B)]

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- 5.3.4 The Permittee shall submit written reports to the Division of the analyses of the coal, fuel oil, and used oil burned in Steam Generating Units 1, 2, 3, and 4. Reports shall be submitted for each quarter ending on March 31, June 30, September 30, and December 31. All reports shall be postmarked by the 30th day following the end of each reporting period.
[391-3-1-.02(6)(b)1(i)]
- 5.3.5 The Permittee shall maintain a record of all actions taken in accordance with Condition 3.4.4 to suppress fugitive dust from the coal handling system (emission unit ID CHS) and the ash handling system (emission unit ID AHS). Such records shall include the date and time of occurrence and a description of the actions taken.
[391-3-1-.02(6)(b)1(i) and 40 CFR 70.6(a)(3)(i)]
- 5.3.6 The Permittee may submit, via electronic media, any report required by Part 5.0 of this permit provided such format has been approved by the Division.

PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS**6.1 General Record Keeping and Reporting Requirements**

- 6.1.1 Unless otherwise specified, all records required to be maintained by this Permit shall be recorded in a permanent form suitable for inspection and submission to the Division and to the EPA. The records shall be retained for at least five (5) years following the date of entry. [391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(3)(ii)(B)]
- 6.1.2 In addition to any other reporting requirements of this Permit, the Permittee shall report to the Division in writing, within seven (7) days, any deviations from applicable requirements associated with:
- a. Any malfunction or breakdown of process, fuel burning, or emissions control equipment for a period of four hours or more which results in excess emissions; or
 - b. Any failure to perform required maintenance, as specified in the permit, which results in excess emissions.

The Permittee shall submit a written report which shall contain the probable cause of the deviation(s), duration of the deviation(s), and any corrective actions or preventive measures taken.

[391-3-1-.02(6)(b)1(iv), 391-3-1-.03(10)(d)1(i), and 40 CFR 70.6(a)(3)(iii)(B)]

6.2 Specific Record Keeping and Reporting Requirements**6.2.1 State Only Enforceable Condition.**

The Permittee shall retain monthly records of all fuel burned in the steam generating units with emission unit IDs SG01, SG02, SG03, and SG04, for five years after the date and year of record. The records shall be available for inspection or submittal to the Division, upon request, and contain the following:

[391-3-1-.02(6)(b)1(i)]

- a. Quantity (tons) of coal burned.
- b. Quantity (gallons) of distillate oil, No. 2 fuel oil, or very low sulfur oil burned.
- c. Quantity (tons) of sawdust received.
- d. Quantity (tons) of biomass received.
- e. Quantity (gallons) of used oil burned.

6.2.2 State Only Enforceable Condition.

The Permittee shall maintain records of representative samples of the coal and sawdust burned in the steam generating units with emission unit IDs SG01, SG02, SG03, and SG04, for five years after the date and year of record. Should the Permittee become aware that the actual value (coal ash content or sawdust heat content) is significantly different ($> \pm 10\%$) from the most recent representative sample then the Permittee shall obtain another sample value. The records shall be available for inspection or submittal to the Division, upon request, and contain the following:

[391-3-1-.02(6)(b)1(i)]

- a. Percent ash content of coal.
- b. Heat content (Btu per pound) of sawdust.

PART 7.0 OTHER SPECIFIC REQUIREMENTS**7.1 Operational Flexibility**

7.1.1 The Permittee may make Section 502(b)(10) changes as defined in 40 CFR 70.2 without requiring a Permit revision, if the changes are not modifications under any provisions of Title I of the Federal Act and the changes do not exceed the emissions allowable under the Permit (whether expressed therein as a rate of emissions or in terms of total emissions). For each such change, the Permittee shall provide the Division and the EPA with written notification as required below in advance of the proposed changes and **shall obtain any Permits required under Rules 391-3-1-.03(1) and (2)**. The Permittee and the Division shall attach each such notice to their copy of this Permit.

[391-3-1-.03(10)(b)5 and 40 CFR 70.4(b)(12)(i)]

- a. For each such change, the Permittee's written notification and **application for a construction Permit shall be submitted well in advance of any critical date** (typically at least 90 days in advance of any commencement of construction, Permit issuance date, etc.) involved in the change, but no less than seven (7) days in advance of such change and shall include a brief description of the change within the Permitted facility, the date on which the change is proposed to occur, any change in emissions, and any Permit term or condition that is no longer applicable as a result of the change.
- b. The Permit shield described in condition 8.16.1 shall not apply to any change made pursuant to this condition.

7.2 Off-Permit Changes

7.2.1 The Permittee may make changes that are not addressed or prohibited by this Permit, other than those described in condition 7.2.2 below, without a Permit revision, provided the following requirements are met:

[391-3-1-.03(10)(b)6 and 40 CFR 70.4(b)(14)]

- a. Each such change shall meet all applicable requirements and shall not violate any existing Permit term or condition.
- b. The Permittee must provide contemporaneous written notice to the Division and to the EPA of each such change, except for changes that qualify as insignificant under Rule 391-3-1-.03(10)(g). Such written notice shall describe each such change, including the date, any change in emissions, pollutants emitted, and any applicable requirement that would apply as a result of the change.
- c. The change shall not qualify for the Permit shield in condition 8.16.1.
- d. The Permittee shall keep a record describing changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the Permit, and the emissions resulting from those changes.

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e. **The source shall obtain any Permits required under Rules 391-3-1-.03(1) and (2).**

7.2.2 The Permittee shall not make, without a Permit revision, any changes that are not addressed or prohibited by this Permit, if such changes are subject to any requirements under Title IV of the Federal Act or are modifications under any provision of Title I of the Federal Act.
[391-3-1-.03(10)7 and 40 CFR 70.4(b)(15)]

7.3 Alternative Requirements - Not Applicable
[391-3-1-.03(10)(d)8 and White Paper #2]

7.4 Insignificant Activities
(See Attachment B for the list of Insignificant Activities in existence at the facility at the time of permit issuance.)

7.5 Temporary Sources - Not Applicable
[391-3-1-.03(10)(d)5 and 40 CFR 70.6(e)]

7.6 Short-term Activities
[see Section 4.40 of Permit application and White Paper #1]

7.6.1 The Permittee shall maintain records of the duration and frequency of the following Short-term Activities:

- a. Painting for maintenance purposes.
- b. Sand blasting for maintenance purposes.
- c. Asbestos removal in accordance with Georgia Rule 391-3-1-.02(9)(b)7.

These activities shall be conducted without unreasonably interfering with the enjoyment of life or use of property in any affected area of this State.
[391-3-1-.02(2)(a)1]

7.7 Compliance Schedule/Progress Reports - Not Applicable
[391-3-1-.03(10)(d)3 and 40 CFR 70.6(c)(4)]

7.8 Emissions Trading - Not Applicable
[391-3-1-.03(10)(d)1(ii) and 40 CFR 70.6(a)(10)]

7.9 Acid Rain Requirements

Facility ORIS code: 0709
Effective: January 1, 2000 through December 31, 2004

7.9.1 Emissions which exceed any allowances that the permittee lawfully holds under Title IV of the 1990 CAAA, or the regulations promulgated thereunder, are expressly prohibited.
[40 CFR 70.6(a)(4)]

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- 7.9.2 Permit revisions are not required for increases in emissions that are authorized by allowances acquired pursuant to the State's Acid Rain Program, provided that such increases do not require a permit revision under any other applicable requirement.
[40 CFR 70.6(a)(4)(i)]
- 7.9.3 This permit does not place limits on the number of allowances the permittee may hold. However, the permittee may not use allowances as a defense to noncompliance with any other applicable requirement.
[40 CFR 70.6(a)(4)(ii)]
- 7.9.4 Any allowances held by the permittee shall be accounted for according to the procedures established in regulations promulgated under Title IV of the 1990 CAAA.
[40 CFR 70.6(a)(4)(iii)]
- 7.9.5 Each affected unit, with the exceptions specified in 40 CFR 72.9(g)(6), operated in accordance with the Acid Rain portion of this permit shall be deemed to be operating in compliance with the Acid Rain Program.
[40 CFR 70.6(f)(3)(iii)]
- 7.9.6 Where an applicable requirement is more stringent than an applicable requirement of regulations promulgated under Title IV of the 1990 CAAA, both provisions shall be incorporated into the permit and shall be enforceable.
[40 CFR 70.6(a)(1)(ii)]

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7.9.7 SO₂ Allowance Allocations and NO_x Requirements for each affected unit [40 CFR 73 (SO₂) and 40 CFR 76 (NO_x)]

			2000	2001	2002	2003	2004
EMISSION UNIT ID	EPA ID	SO ₂ Allowances	9775	9775	9775	9775	9775
SG01	1	NO _x Limit	The standard annual average NO _x limit for a cell burner boiler is 0.68 lb/mmBtu. In lieu of this limit, the Permittee may comply with 40 CFR Part 76 by complying with an approved Phase II NO _x averaging plan as described below.				

Pursuant to 40 CFR 76.11, Georgia EPD approves five NO_x emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NO_x emissions shall not exceed the annual average alternative contemporaneous emission limitation of **0.99 lb/mmBtu**. In addition, this unit shall not have an annual heat input greater than **14,906,580 mmBtu**.

Under the plan, the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.

In accordance with 40 CFR 72.40(b)(2), approval of the averaging plan shall be final only when the Mississippi Department of Environmental Quality, the Alabama Department of Environmental Management, the Florida Department of Environmental Protection, and the Jefferson County Department of Health (Alabama) have also approved this averaging plan.

In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.

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			2000	2001	2002	2003	2004	
EMISSION UNIT ID	EPA ID	SO ₂ Allowances	11564	11564	11564	11564	11564	
SG02	2	NO _x Limit	The standard annual average NOx limit for a Phase I dry bottom wall-fired boiler is 0.50 lb/mmBtu. In lieu of this limit, the Permittee may comply with 40 CFR Part 76 by complying with an approved Phase II NOx averaging plan as described below.					
<p>Pursuant to 40 CFR 76.11, Georgia EPD approves five NOx emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NOx emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.72 lb/mmBtu. In addition, this unit shall not have an annual heat input greater than 16,571,123 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NOx emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NOx emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In accordance with 40 CFR 72.40(b)(2), approval of the averaging plan shall be final only when the Mississippi Department of Environmental Quality, the Alabama Department of Environmental Management, the Florida Department of Environmental Protection, and the Jefferson County Department of Health (Alabama) have also approved this averaging plan.</p> <p>In addition to the described NOx compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NOx compliance plan and requirements covering excess emissions.</p>								

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			2000	2001	2002	2003	2004
EMISSION UNIT ID SG03	EPA ID 3	SO ₂ Allowances	15907	15907	15907	15907	15907
		NO _x Limit	The standard annual average NOx limit for a cell burner boiler is 0.68 lb/mmBtu. In lieu of this limit, the Permittee may comply with 40 CFR Part 76 by complying with an approved Phase II NOx averaging plan as described below.				
<p>Pursuant to 40 CFR 76.11, Georgia EPD approves five NOx emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NOx emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.84 lb/mmBtu. In addition, this unit shall not have an annual heat input greater than 27,015,768 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NOx emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NOx emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In accordance with 40 CFR 72.40(b)(2), approval of the averaging plan shall be final only when the Mississippi Department of Environmental Quality, the Alabama Department of Environmental Management, the Florida Department of Environmental Protection, and the Jefferson County Department of Health (Alabama) have also approved this averaging plan.</p> <p>In addition to the described NOx compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NOx compliance plan and requirements covering excess emissions.</p>							

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			2000	2001	2002	2003	2004
EMISSION UNIT ID SG04	EPA ID 4	SO ₂ Allowances	15786	15786	15786	15786	15786
		NO _x Limit	The standard annual average NOx limit for a cell burner boiler is 0.68 lb/mmBtu. In lieu of this limit, the Permittee may comply with 40 CFR Part 76 by complying with an approved Phase II NOx averaging plan as described below.				
<p>Pursuant to 40 CFR 76.11, Georgia EPD approves five NOx emissions averaging plans for this unit. Each plan is effective for one calendar year for the years 2000, 2001, 2002, 2003, and 2004. Under each plan, this unit's NOx emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.84 lb/mmBtu. In addition, this unit shall not have an annual heat input greater than 28,967,878 mmBtu.</p> <p>Under the plan, the actual Btu-weighted annual average NOx emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NOx emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.</p> <p>In accordance with 40 CFR 72.40(b)(2), approval of the averaging plan shall be final only when the Mississippi Department of Environmental Quality, the Alabama Department of Environmental Management, the Florida Department of Environmental Protection, and the Jefferson County Department of Health (Alabama) have also approved this averaging plan.</p> <p>In addition to the described NOx compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NOx compliance plan and requirements covering excess emissions.</p>							

- 7.9.8 Permit Application: The Phase II Acid Rain Permit Application, Compliance Plan, and NOx Averaging Plan submitted for this source, as corrected by the State of Georgia, is attached as part of this Permit. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application. [40 CFR 72.50(a)(1)]

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7.10 Prevention of Accidental Releases (Section 112(r) of the 1990 CAAA) - Not Applicable
[391-3-1-.02(10)]

7.11 Stratospheric Ozone Protection Requirements (Title VI of the CAAA of 1990)

7.11.1 If the Permittee performs any of the activities, as defined in 40 CFR Part 82, the Permittee shall comply with the recycling and emissions reduction standards in 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners (MVACs) in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliance must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.
- d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to 40 CFR 82.166.
[Note: "MVAC-like appliance" is defined in 40 CFR 82.152.]
- e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156.
- f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166.

7.12 Revocation of Existing Permits and Amendments

The following Air Quality Permits and Amendments are hereby revoked:

Air Quality Permit Number	Dates of Original Permit Issuance or Amendment
4911-117-6716-0	2/15/79
4911-117-8558	1/10/83
4911-237-0008-E-01-0	11/21/97

7.13 Pollution Prevention - Not Applicable

7.14 Specific Conditions - None

PART 8.0 GENERAL PROVISIONS**8.1 Terms and References**

- 8.1.1 Terms not otherwise defined in the Permit shall have the meaning assigned to such terms in the referenced regulation.
- 8.1.2 Where more than one condition in this Permit applies to an emission unit and/or the entire facility, each condition shall apply and the most stringent condition shall take precedence. [391-3-1-.02(2)(a)2]

8.2 EPA Authorities

- 8.2.1 Except as identified as "State-only enforceable" requirements in this Permit, all terms and conditions contained herein shall be enforceable by the EPA and citizens of the United States under the Clean Air Act, as amended, 42 U.S.C. 7401, et seq. [40 CFR 70.6(b)(1)]
- 8.2.2 Nothing in this Permit shall alter or affect the authority of the EPA to obtain information pursuant to 42 U.S.C. 7414, "Inspections, Monitoring, and Entry." [40 CFR 70.6(f)(3)(iv)]
- 8.2.3 Nothing in this Permit shall alter or affect the authority of the EPA to impose emergency orders pursuant to 42 U.S.C. 7603, "Emergency Powers." [40 CFR 70.6(f)(3)(i)]

8.3 Duty to Comply

- 8.3.1 The Permittee shall comply with all conditions of this operating Permit. Any Permit noncompliance constitutes a violation of the Federal Clean Air Act and/or State rules and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a Permit renewal application. Any noncompliance with a Permit condition specifically designated as enforceable only by the State constitutes a violation of State rules only and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a Permit renewal application. [391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(6)(i)]
- 8.3.2 The Permittee shall not use as a defense in an enforcement action the contention that it would have been necessary to halt or reduce the Permitted activity in order to maintain compliance with the conditions of this Permit. [391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(6)(ii)]
- 8.3.3 Nothing in this Permit shall alter or affect the liability of the Permittee for any violation of applicable requirements prior to or at the time of Permit issuance. [391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(f)(3)(ii)]

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- 8.3.4 Issuance of this Permit does not relieve the Permittee from the responsibility of obtaining any other Permits, licenses, or approvals required by Division or any other federal, state, or local agency.
[391-3-1-.03(10)(e)1(iv) and 40 CFR 70.7(a)(6)]

8.4 Fee Assessment and Payment

- 8.4.1 The Permittee shall calculate and pay an annual Permit fee to the Division. The amount of fee shall be determined each year in accordance with the "Procedures for Calculating Air Permit Fees."
[391-3-1-.03(9)]

8.5 Permit Renewal and Expiration

- 8.5.1 This Permit shall remain in effect for five (5) years from the date of issuance. The Permit shall become null and void after the expiration date unless a timely and complete renewal application has been submitted to the Division at least six (6) months, but no more than eighteen (18) months prior to the expiration date of the Permit.
[391-3-1-.03(10)(d)1(i), (e)2, and (e)3(ii) and 40 CFR 70.5(a)(1)(iii)]
- 8.5.2 Permits being renewed are subject to the same procedural requirements, including those for public participation and affected State and EPA review, that apply to initial Permit issuance.
[391-3-1-.03(10)(e)3(i)]
- 8.5.3 Notwithstanding the provisions in 8.5.1 above, if the Division has received an application for renewal, deemed it administratively complete, and failed to reissue the Permit for reasons other than cause, authorization to operate shall continue beyond the expiration date to the point of Permit modification, reissuance, or revocation.
[391-3-1-.03(10)(e)3(iii)]

8.6 Transfer of Ownership or Operation

- 8.6.1 This Permit is not transferable by the Permittee. Future owners and operators shall obtain a new Permit from the Division. The new Permit may be processed as an administrative amendment if no other change in this Permit is necessary, and provided that a written agreement containing a specific date for transfer of Permit responsibility coverage and liability between the current and new Permittee has been submitted to the Division at least thirty (30) days in advance of the transfer.
[391-3-1-.03(4)]

8.7 Property Rights

- 8.7.1 This Permit shall not convey property rights of any sort, or any exclusive privileges.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(6)(iv)]

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8.8 Submissions

- 8.8.1 Reports, test data, monitoring data, notifications, annual certifications, and requests for revision and renewal shall be submitted to:

Georgia Department of Natural Resources
Environmental Protection Division
Air Protection Branch
Atlanta Tradeport, Suite 120
4244 International Parkway
Atlanta, Georgia 30354-3908

- 8.8.2 Any records, compliance certifications, and monitoring data required by the provisions in this Permit to be submitted to the EPA shall be sent to:

Air and EPCRA Enforcement Branch
U. S. EPA Region 4
61 Forsyth Street
Atlanta, Georgia 30303

- 8.8.3 Any document submitted pursuant to this Permit shall contain certification by a responsible official of its truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
[391-3-1-.03(10)(c)2 and 40 CFR 70.5(d)]
- 8.8.4 Unless otherwise specified, all submissions under the permit shall be submitted to the Division only.

8.9 Duty to Provide Information

- 8.9.1 The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the Permit application, shall promptly submit such supplementary facts or corrected information to the Division.
[391-3-1-.03(10)(c)5]
- 8.9.2 The Permittee shall furnish to the Division, in writing, information that the Division may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the Permit, or to determine compliance with the Permit. Upon request, the Permittee shall also furnish to the Division copies of records that the Permittee is required to keep by this Permit or, for information claimed to be confidential, the Permittee may furnish such records directly to the EPA, if necessary, along with a claim of confidentiality.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(6)(v)]

8.10 Modifications

- 8.10.1 Prior to any source commencing a modification as defined in 391-3-1-.01(pp) which may result in air pollution and not exempted by 391-3-1-.03(6), the Permittee shall submit a Permit application to the Division. The application shall be submitted sufficiently in advance of any critical date involved to allow adequate time for review, discussion, or revision of plans, if necessary. Such application shall include, but not be limited to, information describing the precise nature of the change, modifications to any emission control system, production capacity of the plant before and after the change, and the anticipated completion date of the change. The application shall be in the form of a Georgia air quality Permit application to construct or modify (otherwise known as a SIP application) and shall be submitted on forms supplied by the Division, unless otherwise notified by the Division.
[391-3-1-.03(1) through (8)]

8.11 Permit Revision, Revocation, Reopening and Termination

- 8.11.1 This Permit may be revised, revoked, reopened and reissued, or terminated for cause by the Division. The Permit will be reopened for cause and revised accordingly under the following circumstances:
- a. If additional applicable requirements become applicable to the source and the remaining Permit term is one (1) year or longer. In this case, the reopening shall be completed no later than eighteen (18) months after promulgation of the applicable requirement. A reopening shall not be required if compliance with the applicable requirement is not required until after the date on which the Permit is due to expire;
[391-3-1-.03(10)(e)6(i)(I)]
 - b. If any additional applicable requirements of the Acid Rain Program become applicable to the source;
[391-3-1-.03(10)(e)6(i)(II)] (Acid Rain sources only)
 - c. The Division or the EPA determines that the Permit contains a material mistake or inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Permit; or
[391-3-1-.03(10)(e)6(i)(III) and 40 CFR 70.7(f)(1)(iii)]
 - d. The Division or the EPA determines that the Permit must be revised or revoked to assure compliance with the applicable requirements.
[391-3-1-.03(10)(e)6(i)(IV) and 40 CFR 70.7(f)(1)(iv)]
- 8.11.2 Proceedings to reopen and reissue a Permit shall follow the same procedures as applicable to initial Permit issuance and shall affect only those parts of the Permit for which cause to reopen exists. Reopenings shall be made as expeditiously as practicable.
[391-3-1-.03(10)(e)6(ii)]

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- 8.11.3 Reopenings shall not be initiated before a notice of intent to reopen is provided to the source by the Division at least thirty (30) days in advance of the date the Permit is to be reopened, except that the Division may provide a shorter time period in the case of an emergency.
[391-3-1-.03(10)(e)6(iii)]
- 8.11.4 All Permit conditions remain in effect until such time as the Division takes final action. The filing of a request by the Permittee for any Permit revision, revocation, reissuance, or termination, or of a notification of planned changes or anticipated noncompliance, shall not stay any Permit condition.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(6)(iii)]
- 8.11.5 **State Only Enforceable Condition.**
At any time that the Director determines that additional control of emissions from the facility may reasonably be needed to provide for the continued protection of public health, safety and welfare, the Division reserves the right to amend the provisions of this Permit pursuant to the Division's authority as established in the Georgia Air Quality Act and the rules adopted pursuant to that Act.
[391-3-1-.02(2)(a)3]
- 8.11.6 A Permit revision shall not be required for changes which are explicitly authorized by the conditions of this Permit.
- 8.11.7 A Permit revision shall not be required for changes that are part of an approved economic incentive, marketable Permit, emission trading, or other similar program or process for change which is specifically provided for in this Permit.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(8)]

8.12 Severability

- 8.12.1 Any condition or portion of this Permit which is challenged, becomes suspended or is ruled invalid as a result of any legal or other action shall not invalidate any other portion or condition of this Permit.
[391-3-1-.03(10)(d)1(i) and 40 CFR 70.6(a)(5)]

8.13 Excess Emissions

- 8.13.1 The Division may allow excess emissions in certain cases as described below.
- a. Excess emissions resulting from startup, shutdown, malfunction of any source which occur though ordinary diligence is employed shall be allowed provided that:
[391-3-1-.02(2)(a)7(i)]
 - i. The best operational practices to minimize emissions are adhered to;
 - ii. All associated air pollution control equipment is operated in a manner consistent with good air pollution control practice for minimizing emissions; and
 - iii. The duration of excess emissions is minimized.

TITLE V PERMIT

- b. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction are prohibited and are violations of this Permit. [391-3-1-.02(2)(a)7(ii)]
 - c. Paragraphs a. and b. of this condition shall not apply if precluded by any other State or Federal regulation or elsewhere in this permit. [391-3-1-.02(2)(a)7(iii)]
- 8.13.2 An "emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under the Permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. [391-3-1-.03(10)(d)7 and 40 CFR 70.6(g)(1)]
- 8.13.3 An emergency shall constitute an affirmative defense to an action brought for noncompliance with the technology-based emission limitations if the Permittee demonstrates, through properly signed contemporaneous operating logs or other relevant evidence, that:
- a. An emergency occurred and the Permittee can identify the cause(s) of the emergency;
 - b. The Permitted facility was at the time of the emergency being properly operated;
 - c. During the period of the emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards, or other requirements in the Permit; and
 - d. The Permittee promptly notified the Division and submitted written notice of the emergency to the Division within two (2) working days of the time when emission limitations were exceeded due to the emergency. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.
- 8.13.4 In an enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency shall have the burden of proof. [391-3-1-.03(10)(d)7 and 40 CFR 70.6(g)(4)]
- 8.13.5 The emergency conditions listed above are in addition to any emergency or upset provisions contained in any applicable requirement. [391-3-1-.03(10)(d)7 and 40 CFR 70.6(g)(5)]

8.14 Compliance Requirements

8.14.1 Compliance Certification

The Permittee shall provide written certification to the Division and to the EPA, at least annually, of compliance with the conditions of this Permit. The annual written certification shall be postmarked no later than January 30 of each year and shall be submitted to the Division and to the EPA. The certification shall include, but not be limited to, the following elements:

[391-3-1-.03(10)(d)3 and 40 CFR 70.6(c)(5)]

- a. The identification of each term or condition of the Permit that is the basis of the certification;
- b. The status of compliance with the terms and conditions of the permit for the period covered by the certification, based on the method or means designated in paragraph c below. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under part 64 of this chapter occurred;
- c. The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period and whether such methods or other means provide continuous or intermittent data;
- d. Any other information that must be included to comply with section 113(c)(2) of the Act, which prohibits knowingly making a false certification or omitting material information; and
- e. Any additional requirements specified by the Division.

8.14.2 Inspection and Entry

- a. Upon presentation of credentials and other documents as may be required by law, the Permittee shall allow authorized representatives of the Division and the EPA to perform the following:

[391-3-1-.03(10)(d)3 and 40 CFR 70.6(c)(2)]

- i. Enter upon the Permittee's premises where a Part 70 source is located or an emissions-related activity is conducted, or where records must be kept under the conditions of this Permit;
- ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
- iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this Permit; and

iv. Sample or monitor any substances or parameters at any location during operating hours for the purpose of assuring Permit compliance, compliance with applicable requirements, or as otherwise authorized by the Clean Air Act.

b. No person shall obstruct, hamper, or interfere with any such authorized representative while in the process of carrying out his official duties. Refusal of entry or access may constitute grounds for Permit revocation and assessment of civil penalties.
[391-3-1-.07 and 40 CFR 70.11(a)(3)(i)]

8.14.3 Schedule of Compliance

- a. For applicable requirements with which the Permittee is in compliance, the Permittee shall continue to comply with those requirements.
[391-3-1-.03(10)(c)2 and 40 CFR 70.5(c)(8)(iii)(A)]
- b. For applicable requirements that become effective during the Permit term, the Permittee shall meet such requirements on a timely basis unless a more detailed schedule is expressly required by the applicable requirement.
[391-3-1-.03(10)(c)2 and 40 CFR 70.5(c)(8)(iii)(B)]
- c. Any schedule of compliance for applicable requirements with which the source is not in compliance at the time of Permit issuance shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based.
[391-3-1-.03(10)(c)2 and 40 CFR 70.5(c)(8)(iii)(C)]

8.15 Circumvention

8.15.1 **State Only Enforceable Condition.**

The Permittee shall not build, erect, install, or use any article, machine, equipment or process the use of which conceals an emission which would otherwise constitute a violation of an applicable emission standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of the pollutants in the gases discharged into the atmosphere.

[391-3-1-.03(2)(c)]

8.16 Permit Shield

8.16.1 Compliance with the terms of this Permit shall be deemed compliance with all applicable requirements as of the date of Permit issuance provided that all applicable requirements are included and specifically identified in the Permit.

[391-3-1-.03(10)(d)6]

8.16.2 Any Permit condition identified as "State only enforceable" does not have a Permit shield.

8.17 Operational Practices

- 8.17.1 At all times, including periods of startup, shutdown, and malfunction, the Permittee shall maintain and operate the source, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on any information available to the Division which may include, but is not limited to, monitoring results, observations of the opacity or other characteristics of emissions, review of operating and maintenance procedures or records, and inspection or surveillance of the source.
[391-3-1-.02(2)(a)10]

8.18 Visible Emissions

- 8.18.1 Except as may be provided in other provisions of this Permit, the Permittee shall not cause, let, suffer, permit or allow emissions from any air contaminant source the opacity of which is equal to or greater than forty (40) percent.
[391-3-1-.02(2)(b)1]

8.19 Fuel-burning Equipment

- 8.19.1 The Permittee shall not cause, let, suffer, permit, or allow the emission of fly ash and/or other particulate matter from any fuel-burning equipment with rated heat input capacity of less than 10 million Btu per hour, in operation or under construction on or before January 1, 1972 in amounts equal to or exceeding 0.7 pounds per million BTU heat input.
[391-3-1-.02(2)(d)]
- 8.19.2 The Permittee shall not cause, let, suffer, permit, or allow the emission of fly ash and/or other particulate matter from any fuel-burning equipment with rated heat input capacity of less than 10 million Btu per hour, constructed after January 1, 1972 in amounts equal to or exceeding 0.5 pounds per million BTU heat input.
[391-3-1-.02(2)(d)]
- 8.19.3 The Permittee shall not cause, let, suffer, permit, or allow the emission from any fuel-burning equipment constructed or extensively modified after January 1, 1972, visible emissions the opacity of which is equal to or greater than twenty (20) percent except for one six minute period per hour of not more than twenty-seven (27) percent opacity.
[391-3-1-.02(2)(d)]

8.20 Sulphur Dioxide

- 8.20.1 Except as may be specified in other provisions of this Permit, the Permittee shall not cause, let, permit, suffer, or allow the rate of emission from any source, sulphur dioxide in total quantities equal to or exceeding the allowable rates specified in 391-3-1-.02(2)(g), "Sulphur Dioxide."

8.21 Particulate Emissions

- 8.21.1 Except as may be specified in other provisions of this Permit, the Permittee shall not cause, let, permit, suffer, or allow the rate of emission from any source, particulate matter in total quantities equal to or exceeding the allowable rates specified in 391-3-1-.02(2)(e), "Particulate Emissions from Manufacturing Processes."

8.22 Fugitive Dust

[391-3-1-.02(2)(n)]

- 8.22.1 Except as may be specified in other provisions of this Permit, the Permittee shall take all reasonable precautions to prevent dust from any operation, process, handling, transportation or storage facility from becoming airborne. Some reasonable precautions which could be taken to prevent dust from becoming airborne include, but are not limited to, the following:
- a. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land;
 - b. Application of asphalt, water, or suitable chemicals on dirt roads, materials, stockpiles, and other surfaces which can give rise to airborne dusts;
 - c. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty materials. Adequate containment methods can be employed during sandblasting or other similar operations;
 - d. Covering, at all times when in motion, open bodied trucks, transporting materials likely to give rise to airborne dusts; and
 - e. The prompt removal of earth or other material from paved streets onto which earth or other material has been deposited.
- 8.22.2 The percent opacity from any fugitive dust source shall not equal or exceed 20 percent.

TITLE V PERMIT

Branch Steam-Electric Generating Plant

Permit No. 4911-237-0008-V-01-0

Attachments

- A. List of Standard Abbreviations and List of Permit Specific Abbreviations
- B. Insignificant Activities Checklist, Insignificant Activities Based on Emission Levels, and Generic Emissions Groups
- C. List of References
- D. U.S. EPA Acid Rain Program Phase II Permit Application

ATTACHMENT A

List Of Standard Abbreviations

AIRS	Aerometric Information Retrieval System
APCD	Air Pollution Control Device
ASTM	American Society for Testing and Materials
BACT	Best Available Control Technology
BTU	British Thermal Unit
CAAA	Clean Air Act Amendments
CEM	Continuous Emission Monitor
CFR	Code of Federal Regulations
CMS	Continuous Monitoring System(s)
CO	Carbon Monoxide
EPA	United States Environmental Protection Agency
HAP	Hazardous Air Pollutant
HCFC	Halogenated ChloroFluoroCarbon
MACT	Maximum Achievable Control Technology
MMBTU	Million British Thermal Units
MVAC	Motor Vehicle Air Conditioner
MW	Megawatt
NOx	Nitrogen Oxides
NSPS	New Source Performance Standards
PM	Particulate Matter
PM10 (PM ₁₀)	Particulate Matter less than 10 micrometers
PSD	Prevention of Significant Deterioration
RACT	Reasonably Available Control Technology
RMP	Risk Management Plan
SIC	Standard Industrial Classification
SIP	State Implementation Plan
SO2 (SO ₂)	Sulfur Dioxide
USC	United States Code
VOC	Volatile Organic Compound

List of Permit Specific Abbreviations

ESP	Electrostatic Precipitator
PCB	Polychlorinated Biphenyl

TITLE V PERMIT

Branch Steam-Electric Generating Plant

Permit No. 4911-237-0008-V-01-0

ATTACHMENT B

NOTE: Attachment B contains information regarding insignificant emission units/activities and groups of generic emission units/activities in existence at the facility at the time of Permit issuance. Future modifications or additions of insignificant emission units/activities and equipment which are part of generic emissions groups may not necessarily cause this attachment to be updated.

INSIGNIFICANT ACTIVITIES

Category	Description of Insignificant Activity	Quantity
Mobile Sources	Cleaning and sweeping of streets and paved surfaces.	X
Combustion Sources	Fire fighting and similar safety equipment used to train fire fighters or other emergency personnel.	X
Combustion Sources	Open burning in compliance with Georgia Rule 391-3-1-.02(5).	X
Combustion Sources	Stationary engines burning natural gas, gasoline, diesel fuel, or dual fuels which are used exclusively for emergency power generation.	3
Combustion Sources	Stationary engines burning natural gas, LPG, and/or diesel fuel, used for other purposes, provided that the output of each engine does not exceed 400 horsepower and that no individual engine operates for more than 2,000 hours per year.	1
Maintenance, Cleaning, and Housekeeping	Portable blast-cleaning equipment.	3
Maintenance, Cleaning, and Housekeeping	Cold cleaners having an air/vapor interface of not more than 10 square feet and that do not use a halogenated solvent.	11
Maintenance, Cleaning, and Housekeeping	Non-routine clean out of tanks and equipment for the purposes of worker entry or in preparation for maintenance or decommissioning.	X
Laboratories and Testing	Laboratory fume hoods and vents associated with bench-scale laboratory equipment used for physical or chemical analysis.	5
Pollution Control	Sanitary waste water collection and treatment systems, except incineration equipment.	3
Pollution Control	Landfills.	1
Storage Tanks and Equipment	All petroleum liquid storage tanks with a capacity of less than 10,000 gallons storing a petroleum liquid.	2
Storage Tanks and Equipment	All petroleum liquid storage tanks with a capacity of less than 40,000 gallons storing a liquid with a true vapor pressure of equal to or less than 2.0 psia as stored.	3
Storage Tanks and Equipment	All petroleum liquid storage tanks with a capacity of less than 10,000 gallons storing a petroleum liquid.	21
Storage Tanks and Equipment	Pressurized vessels designed to operate in excess of 30 psig storing a petroleum fuel	2

TITLE V PERMIT

Branch Steam-Electric Generating Plant

Permit No. 4911-237-0008-V-01-0

ATTACHMENT B (continued)

Storage Tanks and Equipment	Gasoline storage and handling equipment at loading facilities handling less than 20,000 gallons per day or at vehicle dispensing facilities.	1
Storage Tanks and Equipment	Portable drums, barrels and totes provided that the volume of each container does not exceed 550 gallons.	<25
Storage Tanks and Equipment	All chemical storage tanks used to store a chemical with a true vapor pressure of less than or equal to 10 millimeters of mercury (0.19 psia).	4

INSIGNIFICANT ACTIVITIES BASED ON EMISSION LEVELS

Description of Emission Units / Activities	Quantity
n/a	

GENERIC EMISSION GROUPS

Emission units/activities appearing in the following table are subject only to one or more of Georgia Rules 391-3-1-.02 (2) (b), (c) &/or (n). Potential emissions of particulate matter, from these sources based on TSP, are less than 25 tons per year per process line or unit in each group. Any emissions unit subject to a NESHAP, NSPS, or any specific Air Quality Permit Condition(s) are not included in this table.

Description of Emissions Units / Activities	Number of Units (if appropriate)	Place 'X' in applicable spaces		
		Opacity Rule (b)	PM from Mfg Process Rule (e)	Fugitive Dust Rule (n)
n/a	0			

The following table includes groups of fuel burning equipment subject only to Georgia Rules 391-3-1-.02 (2) (b) & (d). Any emissions unit subject to a NESHAP, NSPS, or any specific Air Quality Permit Condition(s) are not included in this table.

Description of Fuel Burning Equipment	Number of Units
Fuel burning equipment with a rated heat input capacity of less than 10 million BTU/hr burning only natural gas and/or LPG.	0
Fuel burning equipment with a rated heat input capacity of less than 5 million BTU/hr, burning only distillate fuel oil, natural gas and/or LPG.	0
Any fuel burning equipment with a rated heat input capacity of 1 million BTU/hr or less.	0

ATTACHMENT C

LIST OF REFERENCES

1. The Georgia Rules for Air Quality Control Chapter 391-3-1. All Rules cited herein which begin with 391-3-1 are State Air Quality Rules.
2. Title 40 of the Code of Federal Regulations; specifically 40 CFR Parts 50, 51, 52, 60, 61, 63, 64, 68, 70, 72, 73, 75, 76 and 82. All rules cited with these parts are Federal Air Quality Rules.
3. ***Georgia Department of Natural Resources, Environmental Protection Division, Air Protection Branch***, Procedures for Testing and Monitoring Sources of Air Pollutants.
4. ***Georgia Department of Natural Resources, Environmental Protection Division, Air Protection Branch***, Procedures for Calculating Air Permit Fees.
5. The Clean Air Act (42 U.S.C. 7401 et. seq.).
6. White Paper #1 for Streamlined Development of Part 70 Permit Applications, July 10, 1995.
7. White Paper #2 for Improved Implementation of the Part 70 Operating Permits Program, March 5, 1996.

TITLE V PERMIT

Branch Steam-Electric Generating Plant

Permit No. 4911-237-0008-V-01-0

ATTACHMENT D

**U.S. EPA ACID RAIN PROGRAM
PHASE II PERMIT APPLICATION**

INTEROFFICE MEMORANDUM

(Draft)

Date: 27-Apr-2000 02:01pm
From: Jonathan Holtom TAL
Dept:
Tel No:

To: Yi Zhu TAL (ZHU_Y)

Subject: ARMS upload

Here is another EARS application ready for your review and upload:
Gulf Power - Crist - DEP.

EARS has been a real pain today. It has given me 'run-time' errors repeatedly. Most often when at the pollutant level attempting to get to the 'emission factor unit code' by pressing the next page button. Over and over and over again. It has been a very frustrating day!

Thanks for the upload and unload, Jonathan.

Emissions Unit 2 Pollutant 1 Allowable Emissions 1 Compliance Test Frequenc
y.
Emissions Unit 3 Pollutant 1 Allowable Emissions 1 Compliance Test Frequenc
y.

CRU - DED
3

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#2

- ✓ EU 1 Visible Emissions 1 Need Regulation.
- ✓ EU 2 Visible Emissions 1 Need Regulation.
- ✓ EU 3 Visible Emissions 1 Need Regulation.
- ✓ EU 4 Visible Emissions 1 Need Regulation.
- ✓ EU 5 Visible Emissions 1 Need Regulation.
- ✓ EU 6 Visible Emissions 1 Need Regulation.
- ✓ EU 7 Visible Emissions 1 Need Regulation.
- ✓ EU 8 Visible Emissions 1 Need Regulation.
- ✓ Emission Unit1 Control Equipment Number 1 Code .
- ✓ Emission Unit2 Control Equipment Number 1 Code .
- ✓ Emission Unit3 Control Equipment Number 1 Code .
- ✓ Emissions Unit 10 Emissions Unit Status Code.
- ✓ Emissions Unit 2 Regulation 1 Regulation Type.
- ✓ Emissions Unit 2 Regulation 2 Regulation Type.
- ✓ Emissions Unit 2 Regulation 3 Regulation Type.
- ✓ Emissions Unit 3 Regulation 1 Regulation Type.
- ✓ Emissions Unit 3 Regulation 2 Regulation Type.
- ✓ Emissions Unit 3 Regulation 3 Regulation Type.
- ✓ Emissions Unit 4 Regulation 1 Regulation Type.
- ✓ Emissions Unit 4 Regulation 2 Regulation Type.
- ✓ Emissions Unit 4 Regulation 3 Regulation Type.
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- ✓ Emissions Unit 5 Regulation 2 Regulation Type.
- ✓ Emissions Unit 5 Regulation 3 Regulation Type.
- ✓ Emissions Unit 6 Regulation 1 Regulation Type.
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- ✓ Emissions Unit 6 Regulation 3 Regulation Type.
- ✓ Emissions Unit 7 Regulation 1 Regulation Type.
- ✓ Emissions Unit 7 Regulation 2 Regulation Type.
- ✓ Emissions Unit 7 Regulation 3 Regulation Type.
- ✓ Emissions Unit 8 Regulation 1 Regulation Type.
- ✓ Emissions Unit 8 Regulation 2 Regulation Type.
- ✓ Emissions Unit 8 Regulation 3 Regulation Type.
- ✓ Emissions Unit 2 Pollutant 1 Emission Factor Unit Code.
- ✓ Emissions Unit 2 Pollutant 2 Emission Factor Unit Code.
- ✓ Emissions Unit 2 Pollutant 3 Emission Factor Unit Code.
- ✓ Emissions Unit 2 Pollutant 5 Emission Factor Unit Code.
- ✓ Emissions Unit 3 Pollutant 1 Emission Factor Unit Code.
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- ✓ Emissions Unit 4 Pollutant 1 Emission Factor Unit Code.
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- ✓ Emissions Unit 7 Pollutant 2 Emission Factor Unit Code.
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- ✓ Emissions Unit 7 Pollutant 4 Emission Factor Unit Code.
- ✓ Emissions Unit 7 Pollutant 5 Emission Factor Unit Code.
- ✓ Emissions Unit 1 Continuous Monitor 1 Invalid Parameter Code.
- ✓ Emissions Unit 2 Continuous Monitor 1 Invalid Parameter Code.
- ✓ Emissions Unit 3 Continuous Monitor 1 Invalid Parameter Code.
- ✓ Emissions Unit 8 Continuous Monitor 1 Parameter Code.
- ✓ Emissions Unit 1 Pollutant 1 Allowable Emissions 1 Fequency Base Date must be blank if Compliance Test Frequency does not have a value.
- ✓ Emissions Unit 1 Pollutant 4 Allowable Emissions 1 Compliance Method Code.

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Emission Unit 8 Visible Emissions 1 Visible Emissions SubType Must Be a 2 d
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**Gulf Power Company
Scholz Electric Generating Plant
Facility ID No.: 0630014
Jackson County**

**Initial Title V Air Operation Permit
DRAFT Permit No.: 0630014-001⁶-AV**

Permitting Authority

State of Florida
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
Title V Section

Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Telephone: 850/488-1344
Fax: 850/922-6979

Initial Title V Air Operation Permit

DRAFT Permit No.: 0630014-001-AV

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Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

Permittee:
Gulf Power Company
500 Bay Front Parkway
Pensacola, Florida 32520-0100

DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014
SIC Nos.: 49, 4911
Project: Initial Title V Air Operation Permit

This permit is for the operation of the Schilz Electric Generating Plant. This facility is located at 1460 Gulf Power Road, Jackson County; UTM Coordinates: Zone 16, 702.45 km East and 3394.60 km North; Latitude: 30° 40' 08" North and Longitude: 84° 53' 13" West.

STATEMENT OF BASIS: This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix E-1, List of Exempt Emissions Units and/or Activities
Appendix U-1, List of Unregulated Emissions Units and/or Activities
Phase I Acid Rain Permit Issued December 14, 1994
Phase II Acid Rain Permit Application/Compliance Plan Received December 8, 1995
Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)
Appendix TV-1, Title V Conditions (version dated 2/27/97)

Effective Date: January 1, 1998
Renewal Application Due Date: July 5, 2002
Expiration Date: December 31, 2002

Howard L. Rhodes, Director,
Division of Air Resources Management

HLR/sms/jh

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of two coal fired steam generators (boilers). The two boilers are Acid Rain Phase I substitution units and Acid Rain Phase II Units. Pulverized coal is the primary fuel for the boilers. Distillate fuel oil is used as a "back-up" fuel for the boilers. Also included in this permit are miscellaneous unregulated/exempt emissions units and/or activities.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

The use of 'Permitting Notes' throughout this permit are for informational purposes, only, and are not permit conditions.

Subsection B. Summary of Emissions Unit ID Numbers and Brief Descriptions.

<u>E.U. ID</u>	
<u>No.</u>	<u>Brief Description</u>
-001	Boiler Number 1 - 340.2 MMBtu/hour (Phase I & Phase II Acid Rain Unit)
-002	Boiler Number 2 - 344.3 MMBtu/hour (Phase I & Phase II Acid Rain Unit)
-aaa	Material Handling of Coal and Ash (See Appendix U-1)
-bbb	Fugitive PM Sources - On-site Vehicles (See Appendix U-1)
-ccc	General Purpose Internal Combustion Engines (See Appendix U-1)

Please reference the Permit Number, the Facility Identification Number, and the appropriate Emissions Unit(s) ID Number(s) on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The following documents are part of this permit:

- Appendix E-1, List of Exempt Emissions Units and/or Activities
- Appendix U-1, List of Unregulated Emissions Units and/or Activities
- Phase I Acid Rain Permit Issued December 14, 1994
- Phase II Acid Rain Permit Application/Compliance Plan Received December 8, 1995
- Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)
- Appendix TV-1, Title V Conditions (version dated 2/27/97)

{Permitting Note: The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.}

These documents are provided to the permittee for information purposes only:

Appendix H-1, Permit History / ID Number Transfers

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers (version dated 2/5/97)

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Summary of Compliance Requirements

These documents are on file with the permitting authority:

Initial Title V Permit Application received June 14, 1996

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. Appendix TV-1, Title V Conditions, is a part of this permit.
{Permitting note: Appendix TV-1, Title V Conditions is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}
2. **Not federally enforceable. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited.** The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]
3. **Prevention of Accidental Releases (Section 112(r) of CAA).** If required by 40 CFR 68 the permittee shall submit to the implementing agency:
 - a) a risk management plan (RMP) when, and if, such requirement becomes applicable, and
 - b) certification forms and/or RMPs according to the promulgated rule schedule.[40 CFR 68]
4. **Exempt Emissions Units and/or Activities.** Appendix E-1, List of Exempt Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]
5. **Unregulated Emissions Units and/or Activities.** Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.
[Rule 62-213.440(1), F.A.C.]
6. **General Pollutant Emission Limiting Standards. Volatile Organic Compounds Emissions or Organic Solvents Emissions.** The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
{Permitting Note: No vapor emission control devices or systems are deemed necessary nor ordered by the Department as of the issuance date of this permit.}
[Rule 62-296.320(1)(a), F.A.C.]
7. **General Particulate Emission Limiting Standards. General Visible Emissions Standard.** Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]

8. **Not federally enforceable.** Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

- a) Grassing over each section of the ash landfill as it reaches its capacity.
- b) Regular packing of the coal pile to reduce blowing dust and aid in the prevention of coal fires.
- c) Application of a dust suppressant to the coal on the conveyor belts as necessary.

[Rules 62-296.320(4)(c)2., F.A.C.; and, Proposed by applicant in initial Title V permit application received June 14, 1996]

9. The Department's Northwest District Branch Office (Panama City) telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 872-4375, day or night, and for emergencies involving a significant threat to human health or the environment is (850) 413-9911. The Department's Northwest District Office (Pensacola) telephone number for routine business, including compliance test notifications, is (850) 444-8364 during normal working hours.

10. The permittee shall submit all compliance related notifications and reports required by this permit to the Department's Northwest District Office located at 160 Governmental Center, Pensacola, Florida 32501-5794.

*good description
some very old boilers.*

Section III. Emissions Units and Conditions.

Subsection A. This section addresses the following emissions units.

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-001	Boiler Number 1 (Phase I Substitution & Phase II Acid Rain Unit)
-002	Boiler Number 2 (Phase I Substitution & Phase II Acid Rain Unit)

Emissions unit number -001 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 1". It is rated at a maximum heat input of 340.2 million Btu per hour (MMBtu/hour) when firing pulverized coal or distillate fuel oil (used as back-up fuel). Emissions unit number -002 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 2". It is rated at a maximum heat input of 344.3 million Btu per hour (MMBtu/hour) when firing pulverized coal or distillate fuel oil (used as back-up fuel). Both units are Phase I Substitution and Phase II Acid Rain Units.

{Permitting notes: These emissions units are regulated under Acid Rain, Phase I and Phase II. These emissions units pre-date PSD regulations, but are regulated under Rule 62-296.405, F.A.C., Fossil Fuel Fired Steam Generators with more than 250 million Btu per Hour Heat Input. Particulate matter emissions from each unit are controlled by a single stage, high voltage, cold side electrostatic precipitator (Buell Model # BAL 2X38L-44-2P). Unit 1 began commercial operation on February 24, 1953. Unit 2 began commercial operation on October 26, 1953. Units 1 and 2 share a common stack. Stack height = 150 feet, exit diameter = 13.5 feet, exit temperature = 330 °F, actual volumetric flow rate = 346,900 acfm.}

The following specific conditions apply to the emissions units listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum operation heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
-001	340.2	Coal
	12.4	No. 2 Fuel Oil
	12.4	On-Specification Used Oil
-002	344.3	Coal
	12.4	No. 2 Fuel Oil
	12.4	On-Specification Used Oil

[Rules 62-4.160(2), 62-210.200(PTE) & 62-296.405, F.A.C.; permits AC32-2004 & AC32-2005; and, Applicant's request in initial Title V permit application received June 14, 1996.]

A.2. Emissions Unit Operating Rate Limitation After Testing. See specific condition A.27.

[Rule 62-297.310(2), F.A.C.]

A.3. Methods of Operation - Fuels. The fuels that are allowed to be burned in these boilers are coal and/or new No. 2 fuel oil and/or on-specification used oil (see specific condition **A.35.**). Fuel oil is only used for periods of start-up and as needed for flame stabilization. Also, on-site generated “oil contaminated soil” is periodically combusted for energy recovery purposes.

[Rule 62-213.410, F.A.C.; and, Applicant’s request in initial Title V permit application dated June 14, 1996.]

A.4. Hours of Operation. These emissions units may operate continuously, i.e. 8760 hours/year. For each emissions unit, the permittee shall maintain an operation log available for Department inspection that documents the total hours of annual operation, including a detailed account of the hours operated on each of the allowable fuels.

[Rules 62-213.440 & 62-210.200(PTE), F.A.C.; and, Applicant’s request in initial Title V application received June 14, 1996.]

Emission Limitations and Standards

{Permitting Note: The attached Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.5. Visible Emissions. Visible emissions shall not exceed 40 percent opacity. Because units 1 and 2 share a common stack, visible emissions violations from the stack will be attributed to both units unless opacity meter results show the specific unit causing the violation.

[Rule 62-296.405(1)(a), F.A.C.; and, Secretarial ORDER(s) signed October 18, 1985; and, AO32-211311, Specific Condition 11.]

A.6. Visible Emissions - Soot Blowing and Load Change. Visible emissions shall not exceed 60 percent opacity during the 3-hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit’s rated capacity and which occurs at a rate of 0.5 percent per minute or more.

Visible emissions above 60 percent opacity shall be allowed for not more than 4, six (6)-minute periods, during the 3-hour period of excess emissions allowed for boiler cleaning and load changes, at units which have installed continuous opacity monitors.

[Rule 62-210.700(3), F.A.C.]

A.7. Particulate Matter. Particulate matter emissions shall not exceed 0.1 pound per million Btu heat input, as measured by applicable compliance methods.

[Rule 62-296.405(1)(b), F.A.C.]

A.8. Particulate Matter - Soot Blowing and Load Change. Particulate matter emissions shall not exceed an average of 0.3 pound per million Btu heat input during the 3-hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.
[Rule 62-210.700(3), F.A.C.]

A.9. Sulfur Dioxide - Solid Fuel. When burning solid fuel, sulfur dioxide emissions shall not exceed 6.17 pounds per million Btu heat input, as measured by applicable compliance methods.
[Rule 62-296.405(1)(c)2.d., F.A.C.]

A.10. Sulfur Dioxide - Sulfur Content. The No. 2 fuel oil sulfur content shall not exceed 0.5 percent, by weight, as measured by applicable test methods.
[Applicant request in initial Title V permit application received June 14, 1996.]

Excess Emissions

A.11. Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

A.12. Excess emissions resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.
[Rule 62-210.700(2), F.A.C.]

A.13. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

Monitoring of Operations

{Permitting Note: In accordance with the Acid Rain Phase II requirements, the following continuous monitors are installed on these units: SO₂, NO_x, CO₂ and stack gas flow.}

A.14. Continuous Monitors. These emissions units shall have installed, and shall maintain, continuous monitoring systems for monitoring opacity and CO₂.
[Rule 62-405(1)(f)1., F.A.C.]

A.14

62-296

A.15. Sulfur Dioxide. Those emissions units not having an operating flue gas desulfurization device may monitor sulfur dioxide emissions by fuel sampling and analysis according to methods approved by the EPA. **The permittee elected to demonstrate compliance using the SO₂ continuous emissions monitor installed in accordance with 40 CFR 75. In addition, compliance with the liquid fuel sulfur limit will be verified by a fuel analysis provided by the vendor upon each fuel delivery (see specific condition A.23.).**

[Rule 62-296.405(1)(f)1.b., F.A.C.]

A.16. Determination of Process Variables.

(a) **Required Equipment.** The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) **Accuracy of Equipment.** Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

Required Tests, Test Methods and Procedures

{Permitting Note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.17. Visible Emissions. The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C. A transmissometer may be used and calibrated according to Rule 62-297.520, F.A.C. **The Permittee has elected to utilize a transmissometer (opacity meter) for demonstrating compliance with the visible emissions limit.**

[Rules 62-213.440 and 62-296.405(1)(e)1., F.A.C.]

A.18. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.
2. EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 percent opacity, except that an opacity of 40 percent is permissible for not more than two minutes per hour) opacity shall be computed as follows:

- a. For the basic part of the standard (i.e., 20 percent opacity) the opacity shall be determined as specified above for a single-valued opacity standard.
- b. For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value.

[Rules 62-297.310, and 62-297.401, F.A.C.]

A.19. Particulate Matter. The test methods for particulate matter emissions shall be EPA Methods 17, 5, 5B, or 5F, incorporated by reference in Chapter 62-297, F.A.C. The minimum sample volume shall be 30 dry standard cubic feet. EPA Method 5 may be used with filter temperature no more than 320 degrees Fahrenheit. For EPA Method 17, stack temperature shall be less than 375 degrees Fahrenheit. The owner or operator may use EPA Method 5 to demonstrate compliance. EPA Method 3 or 3A with Orsat analysis shall be used when the oxygen based F-factor, computed according to EPA Method 19, is used in lieu of heat input. Acetone wash shall be used with EPA Method 5 or 17.

[Rules 62-213.440, 62-296.405(1)(e)2., 62-297.310, and 62-297.401, F.A.C.]

A.20. Sulfur Dioxide. The test methods for sulfur dioxide emissions shall be EPA Methods 6, 6A, 6B, or 6C, incorporated by reference in Chapter 62-297, F.A.C. Fuel sampling and analysis may be used as an alternate sampling procedure if such a procedure is incorporated into the operation permit for the emissions unit. If the emissions unit obtains an alternate procedure under the provisions of Rule 62-297.620, F.A.C., the procedure shall become a condition of the emissions unit's permit. The Department will retain the authority to require EPA Method 6 or 6C if it has reason to believe that exceedences of the sulfur dioxide emissions limiting standard are occurring. Results of an approved fuel sampling and analysis program shall have the same effect as EPA Method 6 test results for purposes of demonstrating compliance or noncompliance with sulfur dioxide standards. **The permittee may use the EPA test methods, referenced above, to demonstrate compliance; however, the permittee has elected to demonstrate compliance using the SO₂ continuous emissions monitor installed in accordance with 40 CFR 75.**

[Rules 62-213.440, 62-296.405(1)(e)3., & 62-297.310, 62-297.401, F.A.C.; and, AO32-211311.]

A.21. Continuous SO₂ emissions monitoring 24-hour averages are required to demonstrate compliance with the standards of the Department. A valid 24-hour average shall consist of no less than 18 hours of valid data capture per calendar day. In the event that valid data capture is not available, the permittee shall initiate as-fired fuel sampling to demonstrate compliance with the SO₂ emissions standard. The as-fired fuel sampling shall be initiated no later than 36 hours after the permittee has verified the problem or no later than 36 hours after the end of the affected calendar day. Fuel sampling shall continue until such time as the valid data capture is restored. In lieu of as-fired fuel sampling the permittee may elect to demonstrate SO₂ emissions compliance by the temporary use of a spare SO₂

emissions monitor. The spare SO₂ emissions monitor must be installed and collecting data in the same time frame as required above for as-fired fuel sampling.

Maintain a QC program. At a minimum, the QC program must include written procedures which shall describe in detail complete, step-by-step procedures and operations for each of the following activities:

1. Calibration of CEMS.
2. CD determination and adjustment of CEMS.
3. Preventative maintenance of CEMS (including spare parts inventory).
4. Data recording, calculations and reporting.
5. Accuracy audit procedures including sampling-and analysis methods.
6. Program of corrective action for malfunctioning CEMS.

[Rule 62-213.440, F.A.C.; and, AO32-211311.]

A.22. Continuous Monitor Performance Specifications. If continuous monitoring systems are required by rule or are elected by the permittee to be used for demonstrating compliance with the standards of the Department, they must be installed, maintained and calibrated in accordance with the EPA performance specifications listed below. These Performance Specifications are contained in 40 CFR 60, Appendix B, and are adopted by reference in Rule 62-204.800, F.A.C.

- (1) Performance Specification 1--Specifications and Test Procedures for Opacity Continuous Emission Monitoring Systems in Stationary Sources.
- (2) Performance Specification 2--Specifications and Test Procedures for SO₂ and NO_x Continuous Emission Monitoring Systems in Stationary Sources.
- (3) Performance Specification 3--Specifications and Test Procedures for O₂ and CO₂ Continuous Emission Monitoring Systems in Stationary Sources.

[Rule 62-297.520, F.A.C.]

A.23. The following fuel sampling and analysis protocol shall be used as an alternate sampling procedure authorized by permit to demonstrate compliance with the sulfur dioxide standard in the event that the SO₂ continuous emissions monitor is not able to capture valid data:

- a. Determine and record the as-fired fuel sulfur content, percent by weight, for liquid fuels using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition, to analyze a representative sample of the blended fuel following each fuel delivery. **Compliance with the liquid fuel sulfur limit established in specific condition 10. shall be verified with a fuel analysis provided by the vendor upon each fuel oil delivery.**
- b. Determine and record the as-fired fuel sulfur content, percent by weight, for coal using ASTM D2013-72 and either ASTM D3177-75 or ASTM D4239-85, or the latest edition, to analyze a representative sample of the blended as-fired pulverized coal.
- c. Determine and record the density (using ASTM D 1298-80, or equivalent) and the calorific heat value in Btu per pound (using ASTM D 240-76, or the latest edition) of the fuel oil combusted.
- d. Determine and record the calorific heat value in Btu per pound of the blended, as-fired pulverized coal using ASTM D2013-72 and either ASTM D2015-77 or D3286-(latest version), or the latest edition.
- e. Record daily the amount of each fuel fired, the density of the fuel oil, the heating value of each fuel fired, and the percent sulfur content, by weight, of each fuel fired.

- f. Utilize the information in a., b., c., d. and e., above, to calculate the SO₂ emission rate to ensure compliance at all times.

[Rules 62-213.440, 62-296.405(1)(e)3., 62-296.405(1)(f)1.b. and 62-297.440, F.A.C.]

A.24. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

2. For excess emission limitations for particulate matter specified in Rule 62-210.700, F.A.C., a compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emissions unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator does not burn liquid and/or solid fuel for more than 400 hours other than during startup.
3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:
 - a. Did not operate; or
 - b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.
4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:
 - a. Visible emissions, if there is an applicable standard;
 - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
 - c. Each NESHAP pollutant, if there is an applicable emission standard.
5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours.
9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.
10. An annual compliance test conducted for visible emissions shall not be required for units exempted from permitting at Rule 62-210.300(3)(a), F.A.C., or units permitted under the General Permit provisions at Rule 62-210.300(4), F.A.C.

- (b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.
- (c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.]

Compliance Test Requirements

A.25. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.

[Rule 62-297.310(6), F.A.C.]

A.26. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.

[Rule 62-297.310(1), F.A.C.]

A.27. Operating Rate During Testing. Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity as defined below. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation

at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

(b) All Other Sources. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit.

[Rule 62-297.310(2), F.A.C.]

A.28. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.
2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:
 - a. For batch, cyclical processes, or other operations which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.
 - b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.
 - c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

(b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

(c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.

(d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1.

(e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.

[Rule 62-297.310(4), F.A.C.]

TABLE 297.310-1
CALIBRATION SCHEDULE

ITEM	MINIMUM CALIBRATION FREQUENCY	REFERENCE INSTRUMENT	TOLERANCE
Liquid in glass thermometer	Annually	ASTM Hg in glass ref. thermometer or equivalent, or thermometric points	+/-2%
Bimetallic thermometer	Quarterly	Calib. liq. in glass thermometer	5 degrees F
Thermocouple	Annually	ASTM Hg in glass ref. thermometer, NBS calibrated reference and potentiometer	5 degrees F
Barometer	Monthly	Hg barometer or NOAA station	+/-1% scale
Pitot Tube	When required or when damaged	By construction or measurements in wind tunnel D greater than 16" and standard pitot tube	See EPA Method 2, Fig. 2-2 & 2-3
Probe Nozzles	Before each test or when nicked, dented, or corroded	Micrometer	+/-0.001" mean of at least three readings Max. deviation between readings .004"
Dry Gas Meter and Orifice Meter	1. Full Scale: When received, When 5% change observed, Annually 2. One Point: Semiannually 3. Check after each test series	Spirometer or calibrated wet test or dry gas test meter	2%
		Comparison check	5%

A.29. Determination of Process Variables.

- (a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

Recordkeeping and Reporting Requirements

{Permitting Note: The reports that are required by the following conditions are to be sent to the Northwest District office, 160 Governmental Center, Pensacola, Florida 322501-5794}

A.30. The owner or operator shall maintain continuous records of fuel consumption and each analysis that provides the heating value and sulfur content for all fuels fired. These records must be of sufficient detail to determine compliance with the allowable sulfur dioxide emission limitations.

[Rules 62-213.440 & 62-4.070(3), F.A.C.]

A.31. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

A.32. Submit to the Department a written report of emissions in excess of emission limiting standards as set forth in Rule 62-296.405(1), F.A.C., for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

[Rules 62-213.440 and 62-296.405(1)(g), F.A.C.]

A.33. A maintenance log of the continuous monitoring systems shall be kept showing:

- a. Time out of service.
- b. Calibration and adjustments.

[Rule 62-213.440, F.A.C.; and, AO32-211311, specific condition 8.]

A.34. Test Reports.

- (a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.
- (b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

- (c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:
1. The type, location, and designation of the emissions unit tested.
 2. The facility at which the emissions unit is located.
 3. The owner or operator of the emissions unit.
 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
 5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
 6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
 7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
 8. The date, starting time and duration of each sampling run.
 9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
 10. The number of points sampled and configuration and location of the sampling plane.
 11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
 12. The type, manufacturer and configuration of the sampling equipment used.
 13. Data related to the required calibration of the test equipment.
 14. Data on the identification, processing and weights of all filters used.
 15. Data on the types and amounts of any chemical solutions used.
 16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
 17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
 18. All measured and calculated data required to be determined by each applicable test procedure for each run.
 19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
 20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
 21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

Miscellaneous Conditions.

A.35. Used Oil. Burning of on-specification used oil is allowed in this emissions unit in accordance with all other conditions of this permit and the following conditions:

- a. **On-specification Used Oil Emissions Limitations:** This emissions unit is permitted to burn on-specification used oil, which contains a PCB concentration of less than 50 ppm. On-specification used oil is defined as used oil that meets the specifications of 40 CFR 279 - Standards for the Management of Used Oil, listed below. "Off-specification" used oil shall not be burned. Used oil which fails to comply with any of these specification levels is considered "off-specification" used oil.

CONSTITUENT/PROPERTY	ALLOWABLE LEVEL
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	1000 ppm maximum
Flash point	100 degrees F minimum

- b. **Quantity Limitation:** This emissions unit is permitted to burn "on-specification" used oil that is generated by Gulf Power, not to exceed 50,000 gallons per calendar year in each boiler (1 & 2).
- c. **PCB Limitation:** Used oil containing a PCB concentration of 50 or more ppm shall not be burned at this facility. Used oil shall not be blended to meet this requirement.
- d. **Operational Requirements:** On-specification used oil with a PCB concentration of 2 to less than 50 ppm shall be burned only at normal source operating temperatures. On-specification used oil with a PCB concentration of 2 to less than 50 ppm shall not be burned during periods of startup or shutdown.
- e. **Testing Requirements:** The owner or operator shall sample and analyze each batch of used oil to be burned for the following parameters:

Arsenic, cadmium, chromium, lead, total halogens, flash point and PCBs.

Testing (sampling, extraction and analysis) shall be performed using approved methods specified in EPA Publication SW-846 (Test Methods for Evaluating Solid Waste, Physical/Chemical Methods).

- f. Record Keeping Requirements: The owner or operator shall obtain, make, and keep the following records related to the use of used oil in a form suitable for inspection at the facility by the Department:
- (1) The gallons of on-specification used oil generated and burned each month. (This record shall be completed no later than the fifteenth day of the succeeding month.)
 - (2) The total gallons of on-specification used oil burned in the preceding consecutive 12-month period. (This record shall be completed no later than the fifteenth day of the succeeding month.)
 - (3) Results of the analyses required above.

[40 CFR 279.61 and 761.20(e)]

- g. Reporting Requirements: The owner or operator shall submit to the Northwest District office, within thirty days of the end of each calendar quarter, the analytical results and the total amount of on-specification used oil generated and burned during the quarter.

The owner or operator shall submit, with the Annual Operation Report form, the analytical results and the total amount of on-specification used oil burned during the previous calendar year.

[Rule 62-4.070(3) and 62-213.440, F.A.C., 40 CFR 279 and 40 CFR 761, unless otherwise noted.]

Section IV. Acid Rain Part.

Operated by: Gulf power Company
ORIS Code: 0642

Subsection A. This subsection addresses Acid Rain, Phase II.

The emissions units listed below are regulated under Acid Rain, Phase II.

E.U. ID

<u>No.</u>	<u>Description</u>
-001	Boiler Number 1 - 340.2 MMBtu/hour
-002	Boiler Number 2 - 344.3 MMBtu/hour

1. The Phase II permit application submitted for this facility, as approved by the Department, is a part of this permit (included as an Attachment). The owners and operators of these Phase II acid rain units must comply with the standard requirements and special provisions set forth in the application listed below:

a. DEP Form No. 62-210.900(1)(a), dated 07/01/95.

[Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

2. Sulfur dioxide (SO₂) allowance allocations and nitrogen oxide (NO_x) requirements for each Acid Rain unit are as follows:

Description	Year	2000	2001	2002
ID No. 01 Boiler 1	SO₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	1,942*	1,942*	1,942*
	NO_x limit	**	**	
ID No. 02 Boiler 2	SO₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	2,033*	2,033*	2,033*
	NO_x limit	**	**	**

*The number of allowances held by an Acid Rain source in a unit account may differ from the number allocated by the USEPA under Table 2, 3, or 4 of 40 CFR 73.

**By January 1, 1999, this Part will be reopened to add NO_x requirements in accordance with the regulations implementing section 407 of the Clean Air Act.

3. Comments, notes, and justifications: None.

{This subsection is only applicable to Acid Rain, Phase I units}

Subsection B. This subsection addresses Acid Rain, Phase I.

{Permitting note: The U.S. EPA issues Acid Rain Phase I permits.}

The emissions unit(s) listed below are regulated under Acid Rain Part, Phase I

The emissions units listed below are substitution units regulated under Acid Rain Part, Phase I, for Gulf Power Company, Sholz Generating Station, **Facility ID No.:** 0630014, **ORIS code:** 0642.

E.U.

ID No. Brief Description

-001 Boiler Number 1 - 340.2 MMBtu/hour
-002 Boiler Number 2 - 344.3 MMBtu/hour

The provisions of the federal Acid Rain, Phase I permits govern the above listed emissions units from the date of issuance of this Title V permit through December 31, 1999. The provisions of the Phase II permit governs those emissions units from January 1, 2000 through the expiration date of this Title V permit. The Phase II permit governs all other affected units for the effective period of this permit.

B.1. The Phase I permits, issued by the U.S. EPA, are a part of this permit. The owners and operators of these Phase I acid rain units must comply with the standard requirements and special provisions set forth in the permits listed below:

a. Phase I permit dated December 14, 1994; and

b. Title V permit dated January 1, 1998.

[Chapter 62-213, F.A.C.]

B.2. Comments, notes, and justifications: [regarding permit decisions and changes made to the Acid Rain Part application forms during the review process, and any additional requirements or conditions.]

Appendix E-1, List of Exempt Emissions Units and/or Activities.

Gulf Power Company
Scholz Electric Generating Plant

[#] **DRAFT Permit No.:** 0630014-001-AV
Facility ID No.: 0630014

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Full Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining whether a facility containing such emissions units or activities would be subject to any applicable requirements. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., are also exempt from the permitting requirements of Chapter 62-213, F.A.C., provided such emissions units and activities also meet the exemption criteria of Rule 62-213.430(6)(b), F.A.C. The below listed emissions units and/or activities are hereby exempt pursuant to Rule 62-213.430(6), F.A.C.

	<u>State Registration Number</u>	<u>Contents</u>	<u>Size (Gallons)</u>
1.	Tank #1	#2 Diesel - Fuel Oil	15,000
2.	Tank #2	#2 Diesel - Fuel Oil	200,000
3.	Tank #3	#2 Diesel - Fuel Oil	150,000
4.	--	Used Oil	300

Miscellaneous

5. Fire Safety Equipment - Exempted by Rule 62-210.300(3)(a)22., F.A.C.
6. Vacuum Pumps - Exempted by Rule 62-210.300(3)(a)9., F.A.C.
7. Laboratory Equipment - Exempted by Rule 62-210.300(3)(a)15., F.A.C.
8. Welding Equipment - Exempted by Rule 62-210.300(3)(a)16., F.A.C.
9. Gulf Power Company Generated Non-hazardous Boiler Chemical Cleaning Wastes (Not to exceed 50 gallons per minute)

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Appendix U-1, List of Unregulated Emissions Units and/or Activities.

Gulf Power Company
Scholz Electric Generating Plant

DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

Unregulated Emissions Units and/or Activities. An emissions unit which emits no “emissions-limited pollutant” and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

The below listed emissions units and/or activities are neither ‘regulated emissions units’ nor ‘exempt emissions units’.

E.U. ID

No.

Brief Description of Emissions Units and/or Activity

- aaa Material Handling of Coal and Ash
- bbb Fugitive PM Sources - On-site Vehicles
- ccc General Purpose Internal Combustion Engines

- aaa Material Handling of Coal and Ash. Fugitive PM emissions generated from the transfer and handling of coal and ash. SCC: 3-05-101-03.

- bbb Fugitive PM Sources. Fugitive PM emissions generated by haul trucks and other on-site vehicles. SCC: 3-05-101-50.

- ccc General Purpose Internal Combustion Engines. located for use at this source are miscellaneous internal combustion engines used to operate the following: welders, compressors, generators, water pumps, sweepers, and other auxiliary equipment.

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Appendix H-1, Permit History/ID Number Changes

(For Tracking Purposes Only)

Gulf Power Company
Scholz Electric Generating Plant

Permit No.: 0630014-001-AV
Facility ID No.: 0630014

<u>ID No</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>	<u>Extended Date</u>	<u>Revise Date(s)</u>
-001	Coal Fired Boiler #1	AO32-211311 Secretarial ORDER ¹ AC32-2004	04/17/92 10/18/85 1/10/74	04/01/97		
-002	Coal Fired Boiler #2	AO32-211311 Secretarial ORDER ¹ AC03-2005	04/17/92 10/18/85 1/10/74	04/01/97		

ID Number Changes (for tracking purposes):

From: **Facility ID No.:** 10PCY320014

To: **Facility ID No.:** 0630014

¹ Secretarial ORDER issued to relax semi-annual PM testing requirement to annual.

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Referenced Attachments

Phase I Acid Rain Permit

Phase II Acid Rain Application/Compliance Plan

Appendix A-1, Abbreviations, Definitions, Citations, and Identification Numbers

Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)

Appendix TV-1, Title V Conditions (version dated 2/27/97)

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Compliance Requirements

BEST AVAILABLE COPY



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 4

ATLANTA FEDERAL CENTER
100 ALABAMA STREET, S.W.
ATLANTA, GEORGIA 30303-3104

Handwritten: SCHWARTZ PLANT
0670014

NOV 27 1996

4APT-ARB

Mr. Frederick D. Kuester
Designated Representative
Mississippi Power Company
2992 West Beach Boulevard
P.O. Box 4079
Gulfport, Mississippi 39502

RECEIVED

DEC 2 1996

BUREAU OF
AIR REGULATION

Dear Mr. Kuester:

Enclosed you will find the draft Phase I Acid Rain permit revisions and/or administrative amendments issued by the U.S. Environmental Protection Agency (EPA) on November 12, 1996, for the affected compliance plans for the Gulf Power Company. The draft permits will be finalized upon the end of the designated 30-day comment period. Notices of these permit actions were published during the week of November 11, 1996.

Your cooperation has been appreciated. If you have any questions or comments, please contact Mr. Scott Davis at (404) 562-9127.

Sincerely,

A handwritten signature in black ink, appearing to read "B. Beals".

Brian L. Beals
Chief
Preconstruction - Hazardous Air
Pollution Section
Air and Radiation Technology Branch
Air, Pesticides and Toxics
Management Division

Enclosure

cc: M.L. Gilchrist, Gulf Power
Dwain Waters, Gulf Power
Tom Cascio, Florida DEP ✓



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
100 ALABAMA STREET, S.W.
ATLANTA, GEORGIA 30303-3104

PHASE I ACID RAIN PERMIT

Issued to: Gulf Power Company-Scholz
Operated by: Gulf Power Company
Effective: January 1, 1995 to December 31, 1999

Summary of Previous Actions

This page will be replaced to document new EPA actions each time a new action is taken by the Agency. The following actions have been taken:

1. Draft permit, including SO₂ compliance plan,
issued for public comment
(See page 1) November 4, 1994
2. SO₂ portion of permit finalized and issued December 27, 1994
3. Permit revised to activate the conditional SO₂
Substitution Plan for Units 1 and 2,
issued as an administrative amendment
(See page 3 and 4) February 14, 1995
4. Permit revised to include a draft nitrogen oxides
Emissions Averaging Plan for Units 1 and 2, issued for
public comment on the NO_x portion only, consistent
with 40 CFR part 76 (as promulgated on April 13, 1995)
(see page 3(a) and 4(a) and the NO_x compliance plan) September 21, 1995
5. NO_x portion of permit revised to reflect changes in the
draft NO_x averaging plan for Units 1 and 2, issued as a
permit modification
(see page 3(a) and 4(a) and the NO_x compliance plan) December 14, 1995
6. Permit revised to include a SO₂ reduced utilization plan for
Units 1 and 2, issued as an administrative amendment
(See page 3 and 4 and the SO₂ compliance plan) December 14, 1995



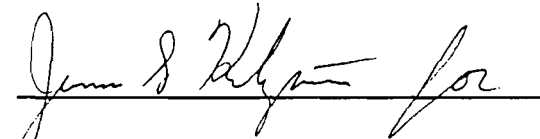
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

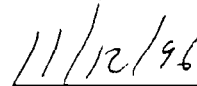
REGION 4
ATLANTA FEDERAL CENTER
100 ALABAMA STREET, S.W.
ATLANTA, GEORGIA 30303-3104

Plant Name: Scholz
State: Florida
ORIS Code: 0642

Present Action

7. Permit revised to include a SO₂ reduced utilization plan for Units 1 and 2, issued as an administrative amendment (see page 3 and 4 and the SO₂ compliance plan)


Signature


Date

Winston A. Smith
Director, Air, Pesticides and Toxics Management Division
U.S. Environmental Protection Agency, Region 4
100 Alabama Street, S.W.
Atlanta, Georgia 30303
Telephone: (404) 562-9077 Facsimile: (404) 562-9095

Plant Name: Scholz
 State: Florida
 ORIS Code: 0642
 Boiler ID#: 0001

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	8,282	8,282	8,282	8,282	8,282
Reduced Utilization 40 CFR 72.43	0	0	0	0	0

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

1. EPA approves a substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, Scholz Unit 2, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

3. EPA approves a reduced utilization plan for this unit for 1995 that designates these Southern Company units (see attachments to plan dated October 16, 1995) as compensating units or sulfur free generators. This plan results in the use of improved unit efficiency measures or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

4. EPA approves a reduced utilization plan for this unit for 1996-1999 that designates these Southern Company units (see attachments to plan dated October 14, 1996) as compensating units or sulfur free generators. This plan results in the use of energy conservation measures, improved unit efficiency measures, or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

R. SCOTT DAVIS
 Permit Reviewer

R. Scott Davis
 Signature

11-7-96
 Date

Plant Name: Scholz
State: Florida
ORIS Code: 0642
Boiler ID#: 0001

NO_x Compliance Plan

EPA approves a nitrogen oxides emissions averaging plan for this unit for 1996-1999. For each year under the plan, this unit's actual annual average emission rate for NO_x shall not exceed the alternative contemporaneous annual emission limitation of 0.70 lbs/mmBtu, and this unit's actual annual heat input shall not be greater than the annual heat input limit of 723,608 mmBtu.

The other units designated in the plan are Scholz Unit 2, Watson Unit 4 and Unit 5, Daniel Unit 1 and Unit 2, and Crist Unit 4, Unit 5, and Unit 6. Under the plan, the actual Btu-weighted annual average emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitation in 40 CFR 76.5. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.

R. SCOTT DAVIS

Permit Reviewer



Signature

11-7-96

Date

Plant Name: Scholz
 State: Florida
 ORIS Code: 0642
 Boiler ID#: 0002

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	8,572	8,572	8,572	8,572	8,572
Reduced Utilization 40 CFR 72.43	0	0	0	0	0

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

1. EPA approves a substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. This substitution unit will receive the allowances indicated above. In this plan, Scholz Unit 1, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

2. The value in step 3, column f, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

3. EPA approves a reduced utilization plan for this unit for 1995 that designates these Southern Company units (see attachments to plan dated October 16, 1995) as compensating units or sulfur free generators. This plan results in the use of improved unit efficiency measures or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

4. EPA approves a reduced utilization plan for this unit for 1996-1999 that designates these Southern Company units (see attachments to plan dated October 14, 1996) as compensating units or sulfur free generators. This plan results in the use of energy conservation measures, improved unit efficiency measures, or the shifting of electrical generation to account for underutilization of this unit. There is no allowance allocation for the use of this compliance measure.

R. SCOTT DAVIS
 Permit Reviewer

R. Scott Davis
 Signature

11-7-96
 Date

Plant Name: Scholz
State: Florida
ORIS Code: 0642
Boiler ID#: 0002

NO_x Compliance Plan

EPA approves a nitrogen oxides emissions averaging plan for this unit for 1996-1999. For each year under the plan, this unit's actual annual average emission rate for NO_x shall not exceed the alternative contemporaneous annual emission limitation of 0.75 lbs/mmBtu, and this unit's actual annual heat input shall not be greater than the annual heat input limit of 731,528 mmBtu.

The other units designated in the plan are Scholz Unit 1, Watson Unit 4 and Unit 5, Daniel Unit 1 and Unit 2, and Crist Unit 4, Unit 5, and Unit 6. Under the plan, the actual Btu-weighted annual average emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitation in 40 CFR 76.5. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis

Signature

11-7-96

Date



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

P.E. Certification Statement

Permittee:
Gulf Power Company
Scholz Plant

DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

Project type: Initial Title V Air Operation Permit

I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).

Scott M. Sheplak 09/30/97
Scott M. Sheplak, P.E. date
Registration Number: 0048866

Permitting Authority:
Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-1344
Fax: 850/922-6979



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

September 30, 1997

Mr. G. Edison Holland, Jr.
Vice President Power Generation/Transmission
Gulf Power Company
One Energy Place
Pensacola, Florida 32520

Re: DRAFT Title V Permit No.: 0630014-001-AV
Scholz Electric Generating Plant

Dear Mr. Holland:

One copy of the DRAFT Title V Air Operation Permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County, is enclosed. The permitting authority's "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" is also included.

The Department will publish the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" as soon as possible. This issue is important in order for you to receive your Title IV Acid Rain permit by January 1, 1998, pursuant to the Clean Air Act and Section 403.0872, Florida Statutes.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Scott M. Sheplak at the above letterhead address. If you have any other questions, please contact Jonathan Holtom at 850/488-1344.

Sincerely,

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/h
Enclosures

cc: Ms. Carla E. Pierce, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)
Ms. Yolanda Adams, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

In the Matter of an
Application for Permit by:

Gulf Power Company
One Energy Place
Pensacola, Florida 32520

DRAFT Permit No.: 0630014-001-AV
Scholz Electric Generating Plant
Jackson County

INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit (copy of DRAFT Permit enclosed) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Gulf Power Company, applied on June 14, 1996, to the permitting authority for a Title V air operation permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County.

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V air operation permit is required in order to commence or to continue operations at the described facility.

The permitting authority intends to issue this Title V air operation permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.0872, F.S., and Rules 62-103.150 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." However, the Department will publish the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" as soon as possible. This issue is important in order for you to receive your Title IV Acid Rain permit by January 1, 1998, pursuant to the Clean Air Act and Section 403.0872, F.S.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the enclosed Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

The permitting authority will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any other person must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number, and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the permitting authority's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the permitting authority's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of the facts that the petitioner contends warrant reversal or modification of the permitting authority's action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority's action or proposed action; and,
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the permitting authority to take with respect to the action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this

state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must

DRAFT Permit No.: 0630014-001-AV

Page 4 of 4

meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at 401 M. Street, SW, Washington, D.C. 20460.

Executed in Tallahassee, Florida.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION**



C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the DRAFT permit) and all copies were sent by certified mail before the close of business on 10/2/97 to the person(s) listed:

Mr. G. Edison Holland, Jr., Gulf Power Company

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the DRAFT permit) were sent by U.S. mail on the same date to the person(s) listed:

Mr. Kennard Kosky, P.E., Golder Associates

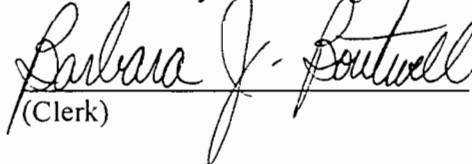
Mr. G. Dwain Waters, Gulf Power Company

Mr. Ed K. Middleswart, DEP, Northwest District Office

Mr. Gary Shaffer, DEP, Northwest District Branch Office

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency Clerk, receipt of which is hereby acknowledged.


(Clerk)

10/2/97
(Date)

Gulf Power Company
Scholz Electric Generating Plant
Facility ID No.: 0630014
Jackson County

Initial Title V Air Operation Permit
DRAFT Permit No.: 0630014-001-AV

Permitting Authority

State of Florida
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
Title V Section

Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Telephone: 850/488-1344
Fax: 850/922-6979

Initial Title V Air Operation Permit

DRAFT Permit No.: 0630014-001-AV

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Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

Permittee:

Gulf Power Company
500 Bay Front Parkway
Pensacola, Florida 32520-0100

DRAFT Permit No.: 0630014-001-AV

Facility ID No.: 0630014

SIC Nos.: 49, 4911

Project: Initial Title V Air Operation Permit

This permit is for the operation of the Scholz Electric Generating Plant. This facility is located at 1460 Gulf Power Road, Jackson County; UTM Coordinates: Zone 16, 702.45 km East and 3394.60 km North; Latitude: 30° 40' 08" North and Longitude: 84° 53' 13" West.

STATEMENT OF BASIS: This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix E-1, List of Exempt Emissions Units and/or Activities

Appendix U-1, List of Unregulated Emissions Units and/or Activities

Phase I Acid Rain Permit Issued December 14, 1994

Phase II Acid Rain Permit Application/Compliance Plan Received December 8, 1995

Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)

Appendix TV-1, Title V Conditions (version dated 8/11/97)

Effective Date: January 1, 1998

Renewal Application Due Date: July 5, 2002

Expiration Date: December 31, 2002

Howard L. Rhodes, Director,
Division of Air Resources Management

HLR/sms/jh

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of two coal fired steam generators (boilers). The two boilers are Acid Rain Phase I substitution units and Acid Rain Phase II Units. Pulverized coal is the primary fuel for the boilers. Distillate fuel oil is used as a "back-up" fuel for the boilers. Also included in this permit are miscellaneous unregulated/exempt emissions units and/or activities.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

The use of 'Permitting Notes' throughout this permit are for informational purposes, only, and are not permit conditions.

Subsection B. Summary of Emissions Unit ID Numbers and Brief Descriptions.

<u>E.U. ID</u>	<u>Brief Description</u>
-001	Boiler Number 1 - 645.7 MMBtu/hour (Phase I & Phase II Acid Rain Unit)
-002	Boiler Number 2 - 645.7 MMBtu/hour (Phase I & Phase II Acid Rain Unit)
-aaa	Material Handling of Coal and Ash (See Appendix U-1)
-bbb	Fugitive PM Sources - On-site Vehicles (See Appendix U-1)
-ccc	General Purpose Internal Combustion Engines (See Appendix U-1)

Please reference the Permit Number, the Facility Identification Number, and the appropriate Emissions Unit(s) ID Number(s) on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The following documents are part of this permit:

- Appendix E-1, List of Exempt Emissions Units and/or Activities
- Appendix U-1, List of Unregulated Emissions Units and/or Activities
- Phase I Acid Rain Permit Issued December 14, 1994
- Phase II Acid Rain Permit Application/Compliance Plan Received December 8, 1995
- Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)
- Appendix TV-1, Title V Conditions (version dated 8/11/97)

{Permitting Note: The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.}

These documents are provided to the permittee for information purposes only:

Appendix H-1, Permit History / ID Number Transfers

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers (version dated 2/5/97)

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Summary of Compliance Requirements

These documents are on file with the permitting authority:

Initial Title V Permit Application received June 14, 1996

Secretarial ORDER(s) signed October 18, 1985

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. Appendix TV-1, Title V Conditions, is a part of this permit.
{Permitting note: Appendix TV-1, Title V Conditions is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}
2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]
3. Prevention of Accidental Releases (Section 112(r) of CAA). If required by 40 CFR 68 the permittee shall submit to the implementing agency:
 - a) a risk management plan (RMP) when, and if, such requirement becomes applicable, and
 - b) certification forms and/or RMPs according to the promulgated rule schedule.[40 CFR 68]
4. Exempt Emissions Units and/or Activities. Appendix E-1, List of Exempt Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]
5. Unregulated Emissions Units and/or Activities. Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.
[Rule 62-213.440(1), F.A.C.]
6. General Pollutant Emission Limiting Standards. Volatile Organic Compounds Emissions or Organic Solvents Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
{Permitting Note: No vapor emission control devices or systems are deemed necessary nor ordered by the Department as of the issuance date of this permit.}
[Rule 62-296.320(1)(a), F.A.C.]
7. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]

8. Not federally enforceable. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

- a) Grassing over each section of the ash landfill as it reaches its capacity.
- b) Regular packing of the coal pile to reduce blowing dust and aid in the prevention of coal fires.
- c) Application of a dust suppressant to the coal on the conveyor belts as necessary.

[Rules 62-296.320(4)(c)2., F.A.C.; and, Proposed by applicant in initial Title V permit application received June 14, 1996]

9. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.]

10. The Department's Northwest District Branch Office (Panama City) telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 872-4375, day or night, and for emergencies involving a significant threat to human health or the environment is (850) 413-9911. The Department's Northwest District Office (Pensacola) telephone number for routine business, including compliance test notifications, is (850) 444-8364 during normal working hours.

11. The permittee shall submit all compliance related notifications and reports required of this permit (other than Acid Rain Program Information) to the Department's Northwest District office:

Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501-5794
Telephone: 850/444-8364
Fax: 850/444-8417

Acid Rain Program Information shall be submitted, as necessary, to:

Department of Environmental Protection
2600 Blair Stone Road
Mail Station #5510
Tallahassee, Florida 32399-2400
Telephone: 850/488-6140
Fax: 850/922-6979

12. Any reports, data, notifications, certifications, and requests (other than Acid Rain Program Information) required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency, Region 4
Air, Pesticides & Toxics Management Division
Operating Permits Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9099
Fax: 404/562-9095

Acid Rain Program Information should be sent to:

United States Environmental Protection Agency, Region 4
Air, Pesticides & Toxics Management Division
Acid Rain Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9102
Fax: 404/562-9095

13. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3), F.A.C., shall be submitted within 60 (sixty) days after the end of the calendar year.
{See condition No. 51., Appendix TV-1, Title V Conditions.}
[Rule 62-214.420(11), F.A.C.]

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Section III. Emissions Units and Conditions.

Subsection A. This section addresses the following emissions units.

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-001	Boiler Number 1 (Phase I Substitution & Phase II Acid Rain Unit)
-002	Boiler Number 2 (Phase I Substitution & Phase II Acid Rain Unit)

Emissions unit number -001 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 1". It is rated at a maximum heat input of 645.7 million Btu per hour (MMBtu/hour) when firing pulverized coal or distillate fuel oil (used as back-up fuel). Emissions unit number -002 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 2". It is rated at a maximum heat input of 645.7 million Btu per hour (MMBtu/hour) when firing pulverized coal or distillate fuel oil (used as back-up fuel). Both units are Phase I Substitution and Phase II Acid Rain Units.

{Permitting notes: These emissions units are regulated under Acid Rain, Phase I and Phase II. These emissions units pre-date PSD regulations, but are regulated under Rule 62-296.405, F.A.C., Fossil Fuel Fired Steam Generators with more than 250 million Btu per Hour Heat Input. Particulate matter emissions from each unit are controlled by a single stage, high voltage, cold side electrostatic precipitator (Buell Model # BAL 2X38L-44-2P). Unit 1 began commercial operation on February 24, 1953. Unit 2 began commercial operation on October 26, 1953. Units 1 and 2 share a common stack. Stack height = 150 feet, exit diameter = 13.5 feet, exit temperature = 330 °F, actual volumetric flow rate = 346,900 acfm.}

The following specific conditions apply to the emissions units listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum operation heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
-001	645.7	Coal
	12.4	No. 2 Fuel Oil
	12.4	On-Specification Used Oil
-002	645.7	Coal
	12.4	No. 2 Fuel Oil
	12.4	On-Specification Used Oil

[Rules 62-4.160(2), 62-210.200(PTE) & 62-296.405, F.A.C.; permits AC32-2004 & AC32-2005; and, Applicant's request in initial Title V permit application received June 14, 1996.]

A.2. Emissions Unit Operating Rate Limitation After Testing. See specific condition A.28. [Rule 62-297.310(2), F.A.C.]

A.3. Methods of Operation - Fuels. The fuels that are allowed to be burned in these boilers are coal and/or new No. 2 fuel oil and/or on-specification used oil (see specific condition **A.36.**). Fuel oil is only used for periods of start-up and as needed for flame stabilization. Also, on-site generated “oil contaminated soil” is periodically combusted for energy recovery purposes.
[Rule 62-213.410, F.A.C.; and, Applicant’s request in initial Title V permit application dated June 14, 1996.]

A.4. Hours of Operation. These emissions units may operate continuously, i.e. 8760 hours/year. For each emissions unit, the permittee shall maintain an operation log available for Department inspection that documents the total hours of annual operation, including a detailed account of the hours operated on each of the allowable fuels.
[Rules 62-213.440 & 62-210.200(PTE), F.A.C.; and, Applicant’s request in initial Title V application received June 14, 1996.]

Emission Limitations and Standards

{Permitting Note: The attached Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.5. Visible Emissions. Visible emissions shall not exceed 40 percent opacity. Because units 1 and 2 share a common stack, visible emissions violations from the stack will be attributed to both units unless opacity meter results show the specific unit causing the violation.
[Rule 62-296.405(1)(a), F.A.C.; and, Secretarial ORDER(s) signed October 18, 1985; and, AO32-211311, Specific Condition 11.]

A.6. Visible Emissions - Soot Blowing and Load Change. Visible emissions shall not exceed 60 percent opacity during the 3-hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit’s rated capacity and which occurs at a rate of 0.5 percent per minute or more.

Visible emissions above 60 percent opacity shall be allowed for not more than 4, six (6)-minute periods, during the 3-hour period of excess emissions allowed for boiler cleaning and load changes, at units which have installed continuous opacity monitors.

[Rule 62-210.700(3), F.A.C.]

A.7. Particulate Matter. Particulate matter emissions shall not exceed 0.1 pound per million Btu heat input, as measured by applicable compliance methods.
[Rule 62-296.405(1)(b), F.A.C.]

A.8. Particulate Matter - Soot Blowing and Load Change. Particulate matter emissions shall not exceed an average of 0.3 pound per million Btu heat input during the 3-hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

[Rule 62-210.700(3), F.A.C.]

A.9. Sulfur Dioxide - Solid Fuel. When burning solid fuel, sulfur dioxide emissions shall not exceed 4.75 pounds per million Btu heat input, as measured by applicable compliance methods.

[Rule 62-204.240(1), F.A.C.]

A.10. Sulfur Dioxide - Sulfur Content. The No. 2 fuel oil sulfur content shall not exceed 0.5 percent, by weight, as measured by applicable test methods.

[Applicant request in initial Title V permit application received June 14, 1996.]

Excess Emissions

A.11. Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

A.12. Excess emissions resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.

[Rule 62-210.700(2), F.A.C.]

A.13. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

Monitoring of Operations

{Permitting Note: In accordance with the Acid Rain Phase II requirements, the following continuous monitors are installed on these units: SO₂, NO_x, CO₂ and stack gas flow.}

A.14. Continuous Monitors. These emissions units shall operate and maintain continuous monitoring systems for monitoring opacity and CO₂.

[Rule 62-296.405(1)(f)1., F.A.C.]

A.15. Sulfur Dioxide. Those emissions units not having an operating flue gas desulfurization device may monitor sulfur dioxide emissions by fuel sampling and analysis according to methods approved by the EPA. **The permittee elected to satisfy the monitoring requirements using SO₂ continuous emissions monitors. In addition, compliance with the liquid fuel sulfur limit will be verified by a fuel analysis provided by the vendor upon each fuel delivery (see specific condition A.24.).**

[Rule 62-296.405(1)(f)1.b., F.A.C.]

A.16. Determination of Process Variables.

(a) **Required Equipment.** The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) **Accuracy of Equipment.** Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

Required Tests, Test Methods and Procedures

{Permitting Note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.17.. Annual Tests Required. Units -001 and -002 must be tested annually for SO₂ and PM emissions in accordance with the requirements listed below.

A.18. Visible Emissions. The test method for visible emissions shall be DEP Method 9 (see specific condition **A.19.**), incorporated in Chapter 62-297, F.A.C. A transmissometer may be used and calibrated according to Rule 62-297.520, F.A.C. **The Permittee has elected to utilize a transmissometer (opacity meter) for demonstrating compliance with the visible emissions limit.** As long as the transmissometer is calibrated, maintained, and operated in accordance with Performance Specification 1 of 40 CFR 60, Appendix B (see specific condition **A.23.**), the annual test for visible emissions is not required.

[Rules 62-213.440 and 62-296.405(1)(e)1., F.A.C.]

A.19. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.
2. EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued

opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 percent opacity, except that an opacity of 40 percent is permissible for not more than two minutes per hour) opacity shall be computed as follows:

- a. For the basic part of the standard (i.e., 20 percent opacity) the opacity shall be determined as specified above for a single-valued opacity standard.
- b. For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value.

[Rules 62-297.310, and 62-297.401, F.A.C.]

A.20. Particulate Matter. The test methods for particulate matter emissions shall be EPA Methods 17, 5, 5B, or 5F, incorporated by reference in Chapter 62-297, F.A.C. The minimum sample volume shall be 30 dry standard cubic feet. EPA Method 5 may be used with filter temperature no more than 320 degrees Fahrenheit. For EPA Method 17, stack temperature shall be less than 375 degrees Fahrenheit. The owner or operator may use EPA Method 5 to demonstrate compliance. EPA Method 3 or 3A with Orsat analysis shall be used when the oxygen based F-factor, computed according to EPA Method 19, is used in lieu of heat input. Acetone wash shall be used with EPA Method 5 or 17.

[Rules 62-213.440, 62-296.405(1)(e)2., 62-297.310, and 62-297.401, F.A.C.]

A.21. Sulfur Dioxide. The test methods for sulfur dioxide emissions shall be EPA Methods 6, 6A, 6B, or 6C, incorporated by reference in Chapter 62-297, F.A.C. Fuel sampling and analysis may be used as an alternate sampling procedure if such a procedure is incorporated into the operation permit for the emissions unit. If the emissions unit obtains an alternate procedure under the provisions of Rule 62-297.620, F.A.C., the procedure shall become a condition of the emissions unit's permit. The Department will retain the authority to require EPA Method 6 or 6C if it has reason to believe that exceedences of the sulfur dioxide emissions limiting standard are occurring. Results of an approved fuel sampling and analysis program shall have the same effect as EPA Method 6 test results for purposes of demonstrating compliance or noncompliance with sulfur dioxide standards.

[Rules 62-213.440, 62-296.405(1)(e)3., & 62-297.310, 62-297.401, F.A.C.; and, AO32-211311.]

A.22. Continuous SO₂ emission monitoring 24-hour averages are required to demonstrate compliance with the standards of the Department (Specific Condition 4). A valid 24-hour average shall consist of no less than 18 hours of valid data capture per calendar day. In the event that valid data capture is interrupted, the permittee shall immediately initiate as-fired fuel sampling to demonstrate compliance with the SO₂ emissions standard. As-fired fuel sampling shall continue until such time as valid data capture is restored. In lieu of as-fired fuel sampling, the permittee may elect to demonstrate SO₂ emissions compliance by the temporary use of a spare SO₂ emissions monitor. The spare, previously

calibrated, SO₂ emissions monitor must be installed and collecting data in the same time frame as required above for as-fired fuel sampling.

Maintain a quality control (QC) program. At a minimum, the QC program must include written procedures which shall describe in detail complete, step-by-step procedures and operations for each of the following activities:

1. Calibration of CEMS.
2. Calibration Drift (CD) determination and adjustment of CEMS.
3. Preventative maintenance of CEMS (including spare parts inventory).
4. Data recording, calculations and reporting.
5. Accuracy audit procedures including sampling-and analysis methods.
6. Program of corrective action for malfunctioning CEMS.

[Rules 62-213.440, 62-204.800(7)(e)5., and 62-296.405(1)(f)1.b., F.A.C.; and, AO32-211311.]

A.23. Continuous Monitor Performance Specifications. If continuous monitoring systems are required by rule or are elected by the permittee to be used for demonstrating compliance with the standards of the Department, they must be installed, maintained and calibrated in accordance with the EPA performance specifications listed below. These Performance Specifications are contained in 40 CFR 60, Appendix B, and are adopted by reference in Rule 62-204.800, F.A.C.

- (1) Performance Specification 1--Specifications and Test Procedures for Opacity Continuous Emission Monitoring Systems in Stationary Sources.
- (2) Performance Specification 2--Specifications and Test Procedures for SO₂ Continuous Emission Monitoring Systems in Stationary Sources.
- (3) Performance Specification 3--Specifications and Test Procedures for CO₂ Continuous Emission Monitoring Systems in Stationary Sources.

[Rule 62-297.520, F.A.C.]

A.24. The following fuel sampling and analysis protocol shall be used as an alternate sampling procedure authorized by permit to demonstrate compliance with the sulfur dioxide standard in the event that the SO₂ continuous emissions monitor is not able to capture valid data:

- a. Determine and record the as-fired fuel sulfur content, percent by weight, for liquid fuels using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition, to analyze a representative sample of the blended fuel following each fuel delivery. **Compliance with the liquid fuel sulfur limit established in specific condition 10. shall be verified with a fuel analysis provided by the vendor upon each fuel oil delivery.**
- b. Determine and record the as-fired fuel sulfur content, percent by weight, for coal using ASTM D2013-72 and either ASTM D3177-75 or ASTM D4239-85, or the latest edition, to analyze a representative sample of the blended as-fired pulverized coal.
- c. Determine and record the density (using ASTM D 1298-80, or equivalent) and the calorific heat value in Btu per pound (using ASTM D 240-76, or the latest edition) of the fuel oil combusted.
- d. Determine and record the calorific heat value in Btu per pound of the blended, as-fired pulverized coal using ASTM D2013-72 and either ASTM D2015-77 or D3286-(latest version), or the latest edition.
- e. Record daily the amount of each fuel fired, the density of the fuel oil, the heating value of each fuel fired, and the percent sulfur content, by weight, of each fuel fired.

- f. Utilize the information in a., b., c., d. and e., above, to calculate the SO₂ emission rate to ensure compliance at all times.

[Rules 62-213.440, 62-296.405(1)(e)3., 62-296.405(1)(f)1.b. and 62-297.440, F.A.C.]

A.25. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

2. For excess emission limitations for particulate matter specified in Rule 62-210.700, F.A.C., a compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emissions unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator does not burn liquid and/or solid fuel for more than 400 hours other than during startup.
3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:
 - a. Did not operate; or
 - b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.
4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:
 - a. Visible emissions, if there is an applicable standard;
 - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
 - c. Each NESHAP pollutant, if there is an applicable emission standard.
5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours.
9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

- (b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

- (c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; and, SIP Approved.]

Compliance Test Requirements

A.26. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.

[Rule 62-297.310(6), F.A.C.]

A.27. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.

[Rule 62-297.310(1), F.A.C.]

A.28. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

A.29. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.
2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:
 - a. For batch, cyclical processes, or other operations which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.
 - b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.
 - c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

(b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

(c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.

(d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1.

(e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.

[Rule 62-297.310(4), F.A.C.]

TABLE 297.310-1
CALIBRATION SCHEDULE

ITEM	MINIMUM CALIBRATION FREQUENCY	REFERENCE INSTRUMENT	TOLERANCE
Liquid in glass thermometer	Annually	ASTM Hg in glass ref. thermometer or equivalent, or thermometric points	+/-2%
Bimetallic thermometer	Quarterly	Calib. liq. in glass thermometer	5 degrees F
Thermocouple	Annually	ASTM Hg in glass ref. thermometer, NBS calibrated reference and potentiometer	5 degrees F
Barometer	Monthly	Hg barometer or NOAA station	+/-1% scale
Pitot Tube	When required or when damaged	By construction or measurements in wind tunnel D greater than 16" and standard pitot tube	See EPA Method 2, Fig. 2-2 & 2-3
Probe Nozzles	Before each test or when nicked, dented, or corroded	Micrometer	+/-0.001" mean of at least three readings Max. deviation between readings .004"
Dry Gas Meter and Orifice Meter	1. Full Scale: When received, When 5% change observed, Annually 2. One Point: Semiannually 3. Check after each test series	Spirometer or calibrated wet test or dry gas test meter	2%
		Comparison check	5%

A.30. Determination of Process Variables.

- (a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

Recordkeeping and Reporting Requirements

A.31. The owner or operator shall maintain continuous records of fuel consumption and each analysis that provides the heating value and sulfur content for all fuels fired. These records must be of sufficient detail to determine compliance with the allowable sulfur dioxide emission limitations.

[Rules 62-213.440 & 62-4.070(3), F.A.C.]

A.32. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

A.33. Submit to the Department a written report of emissions in excess of emission limiting standards as set forth in Rule 62-296.405(1), F.A.C., for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

[Rules 62-213.440 and 62-296.405(1)(g), F.A.C.]

A.34. A maintenance log of the continuous monitoring systems shall be kept showing the following:

- a. Time out of service.
- b. Calibration and adjustments.

[Rule 62-213.440, F.A.C.; and, AO32-211311, specific condition 8.]

A.35. Test Reports.

- (a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.
- (b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.

- (c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:
1. The type, location, and designation of the emissions unit tested.
 2. The facility at which the emissions unit is located.
 3. The owner or operator of the emissions unit.
 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
 5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
 6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
 7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
 8. The date, starting time and duration of each sampling run.
 9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
 10. The number of points sampled and configuration and location of the sampling plane.
 11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
 12. The type, manufacturer and configuration of the sampling equipment used.
 13. Data related to the required calibration of the test equipment.
 14. Data on the identification, processing and weights of all filters used.
 15. Data on the types and amounts of any chemical solutions used.
 16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
 17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
 18. All measured and calculated data required to be determined by each applicable test procedure for each run.
 19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
 20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
 21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

Miscellaneous Conditions.

A.36. Used Oil. Burning of on-specification used oil is allowed in this emissions unit in accordance with all other conditions of this permit and the following conditions:

- a. **On-specification Used Oil Emissions Limitations:** This emissions unit is permitted to burn on-specification used oil, which contains a PCB concentration of less than 50 ppm. On-specification used oil is defined as used oil that meets the specifications of 40 CFR 279 - Standards for the Management of Used Oil, listed below. "Off-specification" used oil shall not be burned. Used oil which fails to comply with any of these specification levels is considered "off-specification" used oil.

CONSTITUENT/PROPERTY	ALLOWABLE LEVEL
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	1000 ppm maximum
Flash point	100 degrees F minimum

- b. **Quantity Limitation:** This emissions unit is permitted to burn "on-specification" used oil that is generated by Gulf Power, not to exceed 50,000 gallons per calendar year in each boiler (1 & 2).
- c. **PCB Limitation:** Used oil containing a PCB concentration of 50 or more ppm shall not be burned at this facility. Used oil shall not be blended to meet this requirement.
- d. **Operational Requirements:** On-specification used oil with a PCB concentration of 2 to less than 50 ppm shall be burned only at normal source operating temperatures. On-specification used oil with a PCB concentration of 2 to less than 50 ppm shall not be burned during periods of startup or shutdown.
- e. **Testing Requirements:** The owner or operator shall sample and analyze each batch of used oil to be burned for the following parameters:

Arsenic, cadmium, chromium, lead, total halogens, flash point and PCBs.

Testing (sampling, extraction and analysis) shall be performed using approved methods specified in EPA Publication SW-846 (Test Methods for Evaluating Solid Waste, Physical/Chemical Methods).

- f. Record Keeping Requirements: The owner or operator shall obtain, make, and keep the following records related to the use of used oil in a form suitable for inspection at the facility by the Department:
- (1) The gallons of on-specification used oil generated and burned each month. (This record shall be completed no later than the fifteenth day of the succeeding month.)
 - (2) The total gallons of on-specification used oil burned in the preceding consecutive 12-month period. (This record shall be completed no later than the fifteenth day of the succeeding month.)
 - (3) Results of the analyses required above.

[40 CFR 279.61 and 761.20(e)]

- g. Reporting Requirements: The owner or operator shall submit to the Northwest District office, within thirty days of the end of each calendar quarter, the analytical results and the total amount of on-specification used oil generated and burned during the quarter.

The owner or operator shall submit, with the Annual Operation Report form, the analytical results and the total amount of on-specification used oil burned during the previous calendar year.

[Rule 62-4.070(3) and 62-213.440, F.A.C., 40 CFR 279 and 40 CFR 761, unless otherwise noted.]

Section IV. Acid Rain Part.

Operated by: Gulf Power Company
ORIS Code: 0642

Subsection A. This subsection addresses Acid Rain, Phase II.

The emissions units listed below are regulated under Acid Rain, Phase II.

E.U.

ID No.	Description
-001	Boiler Number 1 - 645.7 MMBtu/hour
-002	Boiler Number 2 - 645.7 MMBtu/hour

A.1. The Phase II permit application submitted for this facility, as approved by the Department, is a part of this permit (included as an Attachment). The owners and operators of these Phase II acid rain units must comply with the standard requirements and special provisions set forth in the application listed below:

- a. DEP Form No. 62-210.900(1)(a), dated 07/01/95.
[Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

A.2. Sulfur dioxide (SO₂) allowance allocations and nitrogen oxide (NO_x) requirements for each Acid Rain unit are as follows:

E.U. ID #	EPA ID	Year	2000	2001	2002
-001	ID No. 1 Boiler 1	SO₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	1,942*	1,942*	1,942*
		NO_x limit	**	**	
-002	ID No. 2 Boiler 2	SO₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	2,033*	2,033*	2,033*
		NO_x limit	**	**	**

*The number of allowances held by an Acid Rain source in a unit account may differ from the number allocated by the USEPA under Table 2, 3, or 4 of 40 CFR 73.

**By January 1, 1999, this Part will be reopened to add NO_x requirements in accordance with the regulations implementing section 407 of the Clean Air Act.

A.3. Emission Allowances. Emissions from sources subject to the Federal Acid Rain Program (Title IV) shall not exceed any allowances that the source lawfully holds under the Federal Acid Rain Program. Allowances shall not be used to demonstrate compliance with a non-Title IV applicable requirement of the Act.

1. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Federal Acid Rain Program, provided that such increases do not require a permit revision pursuant to Rule 62-213.400(3), F.A.C.
2. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.
3. Allowances shall be accounted for under the Federal Acid Rain Program.
[Rule 62-213.440(1)(c)1., 2. & 3., F.A.C.]

A.4. Comments, notes, and justifications: The Designated Representative has been changed from Frederick Kuester to G. Edison Holland, Jr.

Subsection B. This subsection addresses Acid Rain, Phase I.

{Permitting note: The U.S. EPA issues Acid Rain Phase I permits.}

The emissions unit(s) listed below are regulated under Acid Rain Part, Phase I

The emissions units listed below are substitution units regulated under Acid Rain Part, Phase I, for Gulf Power Company, Crist Generating Station Unit Number 7, **Facility ID No.:** 0330045, **ORIS code:** 0643.

E.U.

ID No. Brief Description

-001	Boiler Number 1 - 645.7 MMBtu/hour
-002	Boiler Number 2 - 645.7 MMBtu/hour

The provisions of the federal Acid Rain, Phase I permits govern the above listed emissions units from the date of issuance of this Title V permit through December 31, 1999. The provisions of the Phase II permit governs those emissions units from January 1, 2000 through the expiration date of this Title V permit. The Phase II permit governs all other affected units for the effective period of this permit.

B.1. The Phase I permits, issued by the U.S. EPA, are a part of this permit. The owners and operators of these Phase I acid rain units must comply with the standard requirements and special provisions set forth in the Phase I permits issued December 14, 1994.
[Chapter 62-213, F.A.C.]

B.2. Comments, notes, and justifications: None.

Appendix E-1, List of Exempt Emissions Units and/or Activities.

Gulf Power Company
Scholz Electric Generating Plant

DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Full Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining whether a facility containing such emissions units or activities would be subject to any applicable requirements. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., are also exempt from the permitting requirements of Chapter 62-213, F.A.C., provided such emissions units and activities also meet the exemption criteria of Rule 62-213.430(6)(b), F.A.C. The below listed emissions units and/or activities are hereby exempt pursuant to Rule 62-213.430(6), F.A.C.

	<u>State Registration Number</u>	<u>Contents</u>	<u>Size (Gallons)</u>
1.	Tank #1	#2 Diesel - Fuel Oil	15,000
2.	Tank #2	#2 Diesel - Fuel Oil	200,000
3.	Tank #3	#2 Diesel - Fuel Oil	150,000
4.	--	Used Oil	300

Miscellaneous

5. Fire Safety Equipment
6. Vacuum Pumps
7. Laboratory Equipment
8. Welding
9. Gulf Power Company Generated Non-hazardous Boiler Chemical Cleaning Wastes
(Not to exceed 50 gallons per minute)

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Appendix U-1, List of Unregulated Emissions Units and/or Activities.

Gulf Power Company
Scholz Electric Generating Plant

DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

Unregulated Emissions Units and/or Activities. An emissions unit which emits no “emissions-limited pollutant” and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

The below listed emissions units and/or activities are neither ‘regulated emissions units’ nor ‘exempt emissions units’.

E.U. ID

No. Brief Description of Emissions Units and/or Activity

- aaa Material Handling of Coal and Ash
- bbb Fugitive PM Sources - On-site Vehicles
- ccc General Purpose Internal Combustion Engines

- aaa Material Handling of Coal and Ash. Fugitive PM emissions generated from the transfer and handling of coal and ash. SCC: 3-05-101-03.

- bbb Fugitive PM Sources. Fugitive PM emissions generated by haul trucks and other on-site vehicles. SCC: 3-05-101-50.

- ccc General Purpose Internal Combustion Engines. located for use at this source are miscellaneous internal combustion engines used to operate the following: welders, compressors, generators, water pumps, sweepers, and other auxiliary equipment.

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Appendix H-1, Permit History/ID Number Changes

(For Tracking Purposes Only)

Gulf Power Company
Scholz Electric Generating Plant

Permit No.: 0630014-001-AV
Facility ID No.: 0630014

E.U.

<u>ID No</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>	<u>Extended Date</u>	<u>Revise Date(s)</u>
-001	Coal Fired Boiler #1	AO32-211311 Secretarial ORDER ¹ AC32-2004	04/17/92 10/18/85 1/10/74	04/01/97 9/15/74		
-002	Coal Fired Boiler #2	AO32-211311 Secretarial ORDER ¹ AC32-2005	04/17/92 10/18/85 1/10/74	04/01/97 9/15/74		

ID Number Changes (for tracking purposes):

From: **Facility ID No.:** 10PCY320014

To: **Facility ID No.:** 0630014

¹ Secretarial ORDER issued to relax semi-annual PM testing requirement to annual.

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Referenced Attachments

Phase I Acid Rain Permit

Phase II Acid Rain Application/Compliance Plan

Appendix A-1, Abbreviations, Definitions, Citations, and Identification Numbers

Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)

Appendix TV-1, Title V Conditions (version dated 8/11/97)

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Compliance Requirements

Phase I Acid Rain Permit



BEST AVAILABLE COPY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

315 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

JUL 11 1994

4APT-AEB

Mr. Earl B. Parsons, Jr.
Designated Representative
Gulf Power Company
P.O. Box 1151
Pensacola, Florida 32520-0100

SUBJ: Final Phase I Acid Rain Permit

Dear Mr. Parsons:

Enclosed you will find the final Phase I Acid Rain permit issued by the Environmental Protection Agency (EPA) for Gulf Power Company - Plant Scholz. The final permit was issued by EPA Region IV on December 14, 1994. The public notice of this final permit action was scheduled for publication in the Federal Register on December 16, 1994.

Your cooperation has been appreciated. If you have any questions, please contact Scott Davis or me at (404) 347-5014.

Sincerely,

A handwritten signature in black ink, appearing to read "B. L. Beals", is written over the typed name.

Brian L. Beals
Chief
Source Evaluation Unit
Air Enforcement Branch
Air, Pesticides and Toxics
Management Division

Enclosure

cc: Thomas Cascio, Florida DEP
Dwain Waters, Gulf Power Company (w/o enclosure)



REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

PHASE I ACID RAIN PERMIT

Issued to: Gulf Power Company-Scholz
Operated by: Gulf Power Company
Effective: January 1, 1995 to December 31, 1999

Summary of Previous Actions

This page will be replaced to document new EPA actions each time a new action is taken by the Agency. This is the initial permitting action being undertaken:

- 1. Draft permit, including SO₂ compliance plan,
issued for public comment
(See page 1) November 4, 1994

Present Action

- 2. SO₂ portion of permit finalized and issued

Winston A. Smith 1994

Signature

Date

Winston A. Smith
 Director, Air, Pesticides and Toxics Management Division
 U.S. Environmental Protection Agency, Region IV
 345 Courtland Street, N.E.
 Atlanta, Georgia 30365
 Telephone: (404) 347-3043 Facsimile: (404) 347-5207



BEST AVAILABLE COPY

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

PHASE I ACID RAIN PERMIT

Issued to: Gulf Power Company-Scholz
Operated by: Gulf Power Company
Effective: January 1, 1995 to December 31, 1999

The Acid Rain Permit comprises the following:

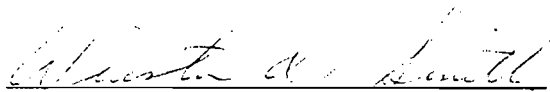
1. The statement of basis prepared by EPA containing:

Part A, with references to statutory and regulatory authorities, and comments, notes and justifications that apply to the source in general; and

Part B, for each unit at this source:

- a table of SO₂ allowances to be allocated under this permit during Phase I, and
- comments, notes and justifications regarding permit decisions and changes made to the permit application during the review process, and any additional requirements.

2. The permit application that this source submitted, as corrected by EPA. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.



Signature

Date

Winston A. Smith
Director, Air, Pesticides and Toxics Management Division
U.S. Environmental Protection Agency, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365
Telephone: (404) 347-3043

Facsimile: (404) 347-5207

Plant Name: Scholz
State: Florida
ORIS Code: 0642

Statutory and Regulatory Authorities. In accordance with Title IV of the Clean Air Act Amendments of 1990, the U. S. Environmental Protection Agency issues this permit pursuant to 40 CFR part 72, subparts E and F.

Comments, notes and justifications that apply to the source in general:

Due to a typographical error on the Phase I Permit Application form, the reference on the Phase I Permit Application form at Step 2, "Hold allowances in accordance with 40 CFR 72.9(d)(1)," has been changed to "Hold allowances in accordance with 40 CFR 72.9(c)(1)."

R. SCOTT DAVIS
Permit Reviewer

R. Scott Davis
Signature

12-12-94
Date

Plant Name: Scholz
 State: Florida
 ORIS Code: 0642
 Boiler ID#: 0001

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	*8,282	*8,282	*8,282	*8,282	*8,282
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. If the plan is activated, this substitution unit will receive the allowances indicated above. In this plan, Scholz Unit 2, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

R. SCOTT DAVIS
 Permit Reviewer


 Signature

12-12-94
 Date

Plant Name: Scholz
 State: Florida
 ORIS Code: 0642
 Boiler ID#: 0002

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	*8,572	*8,572	*8,572	*8,572	*8,572
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

Comments, notes and justifications regarding permit decisions, and changes made to the permit application forms during the review process:

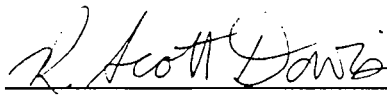
See changes made to the Permit Application form on Statement of Basis, page 2.

Consistent with the Partial Settlement Agreement in Environmental Defense Fund v. Carol M. Browner, No. 93-1203 (executed on May 4, 1994):

*1. EPA approves a conditional substitution plan for this unit for 1995 in which it is designated as a substitution unit for Gulf Power Company-Crist Unit 7, a Phase I unit. If the plan is activated, this substitution unit will receive the allowances indicated above. In this plan, Scholz Unit 1, Crist Unit 4 and Unit 5, and Lansing Smith Unit 1 and Unit 2 are also designated as substitution units by the Phase I unit.

2. The value in step 3, column f, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990.

R. SCOTT DAVIS
 Permit Reviewer


 Signature

12-12-94
 Date



Phase I Permit Application

For more information, see instructions and refer to 40 CFR 72.30 and 72.31.

This submission is: New Revised

Page 1 of 1

RECEIVED
6-29-94

STEP 1
Identify the source by plant name, State, and ORIS code from NADB

Plant Name	Scholz	State	FL	ORIS Code	642
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COMPLIANCE PLAN

STEP 2
Specify a compliance plan for this source by identifying each Table 1 and non-Table 1 unit at this source that is subject to Acid Rain Program emissions limitations during Phase I. Identify each unit by boiler ID# from NADB, and mark one or more boxes if you wish to identify additional methods of compliance for each unit

Table 1 Units

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)
	<input type="checkbox"/> Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)
Plant Name	
State	

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)
	<input type="checkbox"/> Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)
Plant Name	
State	

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)
	<input type="checkbox"/> Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)
Plant Name	
State	

ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(d)(1)
	<input type="checkbox"/> Substitution plan (include Substitution Plan form)
	<input type="checkbox"/> Reduced utilization plan (include Reduced Utilization Plan form)
	<input type="checkbox"/> Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)
Plant Name	
State	

Non-Table 1 Units

ID# 1

- Hold allowances in accordance with ~~40 CFR 72.9(a)~~ ^{40 CFR 72.9(c)(1)} *ESF*
- Control unit (include Phase I Extension Plan form)
- Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	Crist	State	FL
Plant Name		State	

- Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
- Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name		State	
Plant Name		State	

ID# 2

- Hold allowances in accordance with ~~40 CFR 72.9(a)~~ ^{40 CFR 72.9(c)(1)} *ESF*
- Control unit (include Phase I Extension Plan form)
- Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name	Crist	State	FL
Plant Name		State	

- Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
- Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name		State	
Plant Name		State	

ID#

- Hold allowances in accordance with 40 CFR 72.9(d)(1)
- Control unit (include Phase I Extension Plan form)
- Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

Plant Name		State	
Plant Name		State	

- Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
- Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name		State	
Plant Name		State	

Plant Name (from Step 1)

Scholz

STEP 3

Read the standard requirements and certification, enter the name of the designated representative, and sign and date

Standard RequirementsPermit Requirements.

- (i) The designated representative of each affected source and each affected unit at the source shall:
 - (a) Submit a complete Acid Rain permit application (including a compliance plan) under this part in accordance with the deadlines specified in 40 CFR 72.30;
 - (b) Submit in a timely manner a complete reduced utilization plan if required under 40 CFR 72.43; and
 - (c) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
- (ii) The owners and operators of each affected source and each affected unit at the source shall:
 - (a) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
 - (b) Have an Acid Rain Permit.

Monitoring Requirements.

- (i) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act.
- (ii) The emissions measurements recorded and reported in accordance with 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (iii) The requirements of 40 CFR part 75 and regulations implementing section 407 of the Act shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (i) The owners and operators of each source and each affected unit at the source shall:
 - (a) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (b) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (ii) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (iii) An affected unit shall be subject to the requirements under 40 CFR 72.9(c)(1) as follows:
 - (a) Starting January 1, 1995, an affected unit under 40 CFR 72.6(a)(1);
 - (b) Starting on or after January 1, 1995 in accordance with 40 CFR 72.41 and 72.43, an affected unit under 40 CFR 72.6(a)(2) or (3) that is a substitution or compensating unit;
 - (c) Starting January 1, 2000, an affected unit under 40 CFR 72.6(a)(2) that is not a substitution or compensating unit; or
 - (d) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.6(a)(3) that is not a substitution or compensating unit.
- (iv) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (v) An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(i), prior to the calendar year for which the allowance was allocated.
- (vi) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (vii) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (i) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (ii) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
 - (a) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (b) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (i) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.
 - (a) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.
 - (b) All emissions monitoring information, in accordance with 40 CFR part 75.
 - (c) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.

Plant Name (from Step 1)

Scholz

Recordkeeping and Reporting Requirements (cont.)

- (d) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (iii) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

- (i) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (ii) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (iii) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (iv) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (v) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- (vi) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.41 (substitution plans), 40 CFR 72.42 (Phase I extension plans), 40 CFR 72.43 (reduced utilization plans), 40 CFR 72.44 (Phase II repowering extension plans), and section 407 of the Act and regulations implementing section 407 of the Act, and except with regard to the requirements applicable to units with a common stack under part 75 of this chapter (including sections 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (vii) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78, and regulations implementing sections 407 and 410 of the Act by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (i) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans.
- (ii) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act.
- (iii) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law.
- (iv) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act.
- (v) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Earl B. Parsons, Jr.	
Signature <i>Earl B. Parsons Jr.</i>	Date 6/23/94

STEP 4 (optional)
Enter the source AIRS
and FINDS identification
numbers, if known

AIRS
FINDS

APPENDIX B

Notification of Waiver

The undersigned Designated Representative for Scholz plant, 1 - 2 units, waives, with respect to the attached permit application or permit revision, any claim that EPA should or must review and approve (or disapprove) the attached proposed new plan or proposed plan revision pursuant to the terms of the January 11, 1993 rules, and requests that EPA review and approve (or disapprove) the plan based on the requirements of paragraph 1 of the Partial Settlement Agreement to be filed in Case No. 93-1203 (and consolidated cases), in the U.S. Court of Appeals for the D.C. Circuit.

This waiver is conditional on EPA's taking final action on the attached plan by the earlier of:

- (1) the date that is six months after a complete submission of the plan is received by EPA, or
- (2) with respect to any new or revised plan included in a permit modification to which the fast-track modification procedures under 40 C.F.R. § 72.82 apply, the date that is 30 days after the close of the public comment period on the proposed fast-track modification.

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made.

APPROVED: Earl B. Parsons Jr.
Earl B. Parsons, Jr.,
Designated Representative

DATE: 6/23/94



Substitution Plan

For more information, see instructions and refer to 40 CFR 72.41

This submission is: New Revised

Page 1 of 1

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STEP 1

Identify each unit by plant name, State and boiler ID# from NADB. After the boiler ID# of each substitution unit, enter the letter(s) for the Table 1 unit(s) for which the unit is substituting (see instructions)

Table 1 Units

	Plant Name	State	Boiler ID#
a	Crist	FL	7
b			
c			
d			

Substitution Units

	Plant Name	State	Boiler ID#	Table 1 Units
e	Scholz	FL	1	a
f	Scholz	FL	2	a
g	Crist	FL	4	a
h	Crist	FL	5	a
i	Lansing Smith	FL	1	a
j	Lansing Smith	FL	2	a

STEP 2

Enter baseline (see special instructions)

3691249 mmBtu	3826391 mmBtu	4460224 mmBtu	4395842 mmBtu	10983506 10983500 mmBtu	12607585 12607580 mmBtu
------------------	------------------	------------------	------------------	-------------------------------	-------------------------------

STEP 3

Enter the lesser of the 1985 actual or allowable SO₂ emissions rate from NADB. Do not round

4.4871 lbs/mmBtu	4.4803 lbs/mmBtu	4.4628 lbs/mmBtu	4.2650 lbs/mmBtu	1.1069 lbs/mmBtu	1.1483 lbs/mmBtu
---------------------	---------------------	---------------------	---------------------	---------------------	---------------------

STEP 4

Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton

8282 tons	8572 tons	9953 tons	9374 tons	6079 tons	7239 tons
--------------	--------------	--------------	--------------	--------------	--------------

STEP 5

Mark one of the two options and enter date, if applicable

- The effective date of this plan is January 1, 1999
- This plan is for conditional approval. The designated representative will notify the Agency of activation not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

STEP 6

Mark one of the two options and enter date, if applicable

- The last date this plan will be in effect is December 31, 1999 unless notification to terminate the plan prior to that date is given
- The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

STEP 7

Complete Step 8, if applicable, read the special provisions and certification, and print the name of the designated representative for each source identified in this plan. Each designated representative must sign and date

Special Provisions

Emissions Limitations.

- (i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.
- (ii) Each unit under 40 CFR 72.41(a)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

Liability. The owners and operators of a unit governed by an approved substitution plan shall be liable for any violation of the plan or 40 CFR 72.41 at that unit or any other unit that is the first unit's substitution unit or for which the first unit is a substitution unit under the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination.

- (i) A substitution plan shall be in effect only in Phase I for the calendar years specified in the plan or until the calendar year for which a termination of the plan takes effect, provided that no substitution plan shall be terminated, and no unit shall be de-designated as a substitution unit, before the end of Phase I if the substitution unit serves as a control unit under a Phase I extension plan.
- (ii) To terminate a substitution plan for a given calendar year prior to the last year for which the plan was approved:

- (a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and
- (b) In the notification to terminate, the designated representative of each unit governed by the plan shall state that he or she surrenders for deduction from the unit's Allowance Tracking System account allowances equal in number to, and with the same or an earlier compliance use date, as those allocated under 40 CFR 72.41(d)(1) for all calendar years for which the plan is to be terminated. The designated representative may identify the serial numbers of the allowances to be deducted. In the absence of such identification, allowances will be deducted on a first-in, first-out basis under 40 CFR 73.35(c)(2).

(iii) If the requirements of 40 CFR 72.41(e)(2)(ii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.

(iv) Change of owner or operator. If there is a change in the owners or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(ii) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(e)(2)(ii).

Certification:

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	Earl B. Parsons, Jr.	
Signature	<i>Earl B. Parsons Jr.</i>	Date 8/31/94
Name		
Signature		Date
Name		
Signature		Date
Name		
Signature		Date

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BEST AVAILABLE COPY
Worksheet for Substitution Plans

For each proposed substitution unit identified on the Substitution Plan form, please compute the values to be entered at Step 3 of the Substitution Plan form as follows (see detailed instructions on next page):

STEP A
Enter the 1990 SO₂ emissions
(to 2 decimal places)

8835.53 <small>tons</small>	8615.35 <small>tons</small>	11032.66 <small>tons</small>	8053.21 <small>tons</small>	16061.47 <small>tons</small>	23195.85 <small>tons</small>
--------------------------------	--------------------------------	---------------------------------	--------------------------------	---------------------------------	---------------------------------

STEP B
Enter the 1990 boiler total
heat input

3958079.60 <small>mmBtu</small>	3859575.80 <small>mmBtu</small>	4756386.20 <small>mmBtu</small>	3491200.00 <small>mmBtu</small>	7185227.20 <small>mmBtu</small>	10498836.40 <small>mmBtu</small>
------------------------------------	------------------------------------	------------------------------------	------------------------------------	------------------------------------	-------------------------------------

STEP C
Divide Step A by Step B,
multiply by 2000, and enter
result (to 4 decimal places)

4.4646 <small>lb/mmBtu</small>	4.4644 <small>lb/mmBtu</small>	4.6391 <small>lb/mmBtu</small>	4.6134 <small>lb/mmBtu</small>	4.4707 <small>lb/mmBtu</small>	4.4187 <small>lb/mmBtu</small>
-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------

STEP D
Enter the 1990 SO₂ emissions
(to 2 decimal places)

7152.17 <small>tons</small>	6534.02 <small>tons</small>	9717.93 <small>tons</small>	9411.43 <small>tons</small>	16053.01 <small>tons</small>	17957.88 <small>tons</small>
--------------------------------	--------------------------------	--------------------------------	--------------------------------	---------------------------------	---------------------------------

STEP E
Enter the 1990 boiler total
heat input

3187895.40 <small>mmBtu</small>	2916775.40 <small>mmBtu</small>	4282649.80 <small>mmBtu</small>	4142998.40 <small>mmBtu</small>	7233538.40 <small>mmBtu</small>	8131163.40 <small>mmBtu</small>
------------------------------------	------------------------------------	------------------------------------	------------------------------------	------------------------------------	------------------------------------

STEP F
Divide Step D by Step E,
multiply by 2000, and enter
result (to 4 decimal places)

4.4871 <small>lb/mmBtu</small>	4.4803 <small>lb/mmBtu</small>	4.5383 <small>lb/mmBtu</small>	4.5433 <small>lb/mmBtu</small>	4.4385 <small>lb/mmBtu</small>	4.4171 <small>lb/mmBtu</small>
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STEP G
Enter the most stringent SO₂
emission limit that was
adopted or promulgated as of
11/15/90 and that is applicable
to the unit during Phase I

6.17 <small>lb/mmBtu</small>	6.17 <small>lb/mmBtu</small>	5.9 <small>lb/mmBtu</small>	5.9 <small>lb/mmBtu</small>	6.17 <small>lb/mmBtu</small>	6.17 <small>lb/mmBtu</small>
---------------------------------	---------------------------------	--------------------------------	--------------------------------	---------------------------------	---------------------------------

STEP H
Enter the lesser of the 1990
actual or allowable SO₂
emission rate from NAD8

4.8053 <small>lb/mmBtu</small>	4.8057 <small>lb/mmBtu</small>	4.4628 <small>lb/mmBtu</small>	4.2650 <small>lb/mmBtu</small>	1.1069 <small>lb/mmBtu</small>	1.1483 <small>lb/mmBtu</small>
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STEP I
Enter the greater of Step C
and Step F

4.4871 <small>lb/mmBtu</small>	4.4803 <small>lb/mmBtu</small>	4.6391 <small>lb/mmBtu</small>	4.6134 <small>lb/mmBtu</small>	4.4707 <small>lb/mmBtu</small>	4.4187 <small>lb/mmBtu</small>
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STEP J
Enter the lesser of Steps G, H,
and I here and at Step 3 on
the Substitution Plan form

4.4871 <small>lb/mmBtu</small>	4.4803 <small>lb/mmBtu</small>	4.4628 <small>lb/mmBtu</small>	4.2650 <small>lb/mmBtu</small>	1.1069 <small>lb/mmBtu</small>	1.1483 <small>lb/mmBtu</small>
-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------	-----------------------------------

Certificate

STEP K
Read the certification, sign
and date

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Earl B. Parsons, Jr.	
Signature <i>Earl B. Parsons Jr.</i>	Date 6/23/94
Name	
Signature	Date
Name	
Signature	Date
Name	
Signature	Date

Instructions

Steps A, B, D, and E

To the extent that there are differences between your underlying data, which you used to calculate these values, and data you have previously submitted to the Energy Information Administration (EIA), and you believe that your current underlying data is correct, you must request EIA to correct its data and submit any supporting documentation to them. Please also submit a copy of the supporting documentation with this worksheet.

Step G

Choose from all unit-specific SO₂ emission limits (including federal, state, or local limits, converted to lb/hr/1000, where necessary) that apply to the unit, will be effective during Phase I (1995-1999), and were adopted or promulgated as of November 15, 1990.

If the most stringent of these emission limits is different for different years in Phase I, then this worksheet must be completed separately for each year in Phase I. In this case, the value at Step J for the first year of the phase is entered at Step 8 on the Substitution Plan form.

If the unit is subject to a non-unit-specific SO₂ emission limit during Phase I that was adopted or promulgated as of November 15, 1990, provide separately this limit and the statutory and regulatory authority under which the limit was adopted or promulgated.

Other submission
of an Prog/am.

see Perm.

APPENDIX B

Notification of Waiver

The undersigned Designated Representative for Scholz plant, 1 - 2 units, waives, with respect to the attached permit application or permit revision, any claim that EPA should or must review and approve (or disapprove) the attached proposed new plan or proposed plan revision pursuant to the terms of the January 11, 1993 rules, and requests that EPA review and approve (or disapprove) the plan based on the requirements of paragraph 1 of the Partial Settlement Agreement to be filed in Case No. 93-1203 (and consolidated cases), in the U.S. Court of Appeals for the D.C. Circuit.

This waiver is conditional on EPA's taking final action on the attached plan by the earlier of:

- (1) the date that is six months after a complete submission of the plan is received by EPA, or
- (2) with respect to any new or revised plan included in a permit modification to which the fast-track modification procedures under 40 C.F.R. § 72.82 apply, the date that is 30 days after the close of the public comment period on the proposed fast-track modification.

I certify that I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made.

APPROVED: Earl B. Parsons, Jr.
Earl B. Parsons, Jr.,
Designated Representative

DATE: 6/23/94

Phase II Acid Rain Permit Application/Compliance Plan

Phase II Permit Application

For more information, see instructions and refer to 40 CFR 72.30 and 72.31 and Chapter 62-214, F.A.C.

This submission is: New Revised

STEP 1
Identify the source by plant name, State, and ORIS code from NADB

Plant Name Scholz	State FL	ORIS Code 642
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Compliance Plan

STEP 2
Enter the boiler ID# from NADB for each affected unit, and indicate whether a repowering plan is being submitted for the unit by entering "yes" or "no" at column c. For new units, enter the requested information in columns d and e

a Boiler ID#	b Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	c Repowering Plan	d New Units Commence Operation Date	e New Units Monitor Certification Deadline
1	Yes	No		
2	Yes	No		
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			

STEP 3
Check the box if the response in column c of Step 2 is "Yes" for any unit

For each unit that will be repowered, the Repowering Extension Plan form is included and the Repowering Technology Petition form has been submitted or will be submitted by June 1, 1997.

Plant Name (from Step 1)

STEP 4
Read the standard requirements and certification, enter the name of the designated representative, and sign and date

Standard RequirementsPermit Requirements.

- (1) The designated representative of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Submit a complete Acid Rain part application (including a compliance plan) under 40 CFR part 72, Rules 62-214.320 and 330, F.A.C. in accordance with the deadlines specified in Rule 62-214.320, F.A.C.; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain part application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain part application or a superseding Acid Rain part issued by the permitting authority; and
 - (ii) Have an Acid Rain Part.

Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each Acid Rain source and each Acid Rain unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75, and Rule 62-214.420, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each Acid Rain unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An Acid Rain unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an Acid Rain unit under 40 CFR 72.6(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an Acid Rain unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1)(i) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each Acid Rain unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (1) The designated representative of an Acid Rain unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an Acid Rain unit that has excess emissions in any calendar year shall:
 - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each Acid Rain unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
 - (i) The certificate of representation for the designated representative for the source and each Acid Rain unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with Rule 62-214.350, F.A.C.; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (ii) All emissions monitoring information, in accordance with 40 CFR part 75;
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,

Plant Name (from Step 1)

Recordkeeping and Reporting Requirements (cont.)

(iv) Copies of all documents used to complete an Acid Rain part application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an Acid Rain source and each Acid Rain unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.


- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each Acid Rain source and each Acid Rain unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an Acid Rain source (including a provision applicable to the designated representative of an Acid Rain source) shall also apply to the owners and operators of such source and of the Acid Rain units at the source.
- (6) Any provision of the Acid Rain Program that applies to an Acid Rain unit (including a provision applicable to the designated representative of an Acid Rain unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one Acid Rain unit shall not be liable for any violation by any other Acid Rain unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (7) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78 by an Acid Rain source or Acid Rain unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- (2) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;
- (3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;
- (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	M. L. Gilchrist	
Signature		Date 12/8/95

STEP 5 (optional)
Enter the source AIRS
and FINDS identification
numbers, if known

AIRS
FINDS

Appendix A-1,
Abbreviations, Definitions, Citations, and Identification Numbers
(Version Dated 2/5/97)

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers (version dated 02/05/97)

Abbreviations and Acronyms:

°F: Degrees Fahrenheit
BACT: Best Available Control Technology
CFR: Code of Federal Regulations
DEP: State of Florida, Department of Environmental Protection
DARM: Division of Air Resource Management
EPA: United States Environmental Protection Agency
F.A.C.: Florida Administrative Code
F.S.: Florida Statute
ISO: International Standards Organization
LAT: Latitude
LONG: Longitude
MMBtu: million British thermal units
MW: Megawatt
ORIS: Office of Regulatory Information Systems
SOA: Specific Operating Agreement
UTM: Universal Transverse Mercator

Citations:

The following examples illustrate the methods used in this permit to abbreviate and cite the references of rules, regulations, guidance memorandums, permit numbers, and ID numbers.

Code of Federal Regulations:

Example: [40 CFR 60.334]

Where:	40	reference to	Title 40
	CFR	reference to	Code of Federal Regulations
	60	reference to	Part 60
	60.334	reference to	Regulation 60.334

Florida Administrative Code (F.A.C.) Rules:

Example: [Rule 62-213, F.A.C.]

Where:	62	reference to	Title 62
	62-213	reference to	Chapter 62-213
	62-213.205	reference to	Rule 62-213.205, F.A.C.

ISO: International Standards Organization refers to those conditions at 288 degrees K, 60 percent relative humidity, and 101.3 kilopascals pressure.

**Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
(version dated 02/05/97) (continued)**

Identification Numbers:

Facility Identification (ID) Number:

Example: Facility ID No.: 1050221

Where:

105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by state database.

Permit Numbers:

Example: 1050221-002-AV, or
1050221-001-AC

Where:

AC = Air Construction Permit
AV = Air Operation Permit (Title V Source)
105 = 3-digit number code identifying the facility is located in Polk County
0221 = 4-digit number assigned by permit tracking database
001 or 002 = 3-digit sequential project number assigned by permit tracking database

Example: PSD-FL-185
PA95-01
AC53-208321

Where:

PSD = Prevention of Significant Deterioration Permit
PA = Power Plant Siting Act Permit
AC = old Air Construction Permit numbering

Appendix SS-1,
Stack Sampling Facilities (version dated 10/7/96)

APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/07/96)

Stack Sampling Facilities Provided by the Owner of an Emissions Unit. This section describes the minimum requirements for stack sampling facilities that are necessary to sample point emissions units. Sampling facilities include sampling ports, work platforms, access to work platforms, electrical power, and sampling equipment support. Emissions units must provide these facilities at their expense. All stack sampling facilities must meet any Occupational Safety and Health Administration (OSHA) Safety and Health Standards described in 29 CFR Part 1910, Subparts D and E.

(a) Permanent Test Facilities. The owner or operator of an emissions unit for which a compliance test, other than a visible emissions test, is required on at least an annual basis, shall install and maintain permanent stack sampling facilities.

(b) Temporary Test Facilities. The owner or operator of an emissions unit that is not required to conduct a compliance test on at least an annual basis may use permanent or temporary stack sampling facilities. If the owner chooses to use temporary sampling facilities on an emissions unit, and the Department elects to test the unit, such temporary facilities shall be installed on the emissions unit within 5 days of a request by the Department and remain on the emissions unit until the test is completed.

(c) Sampling Ports.

1. All sampling ports shall have a minimum inside diameter of 3 inches.

2. The ports shall be capable of being sealed when not in use.

3. The sampling ports shall be located in the stack at least 2 stack diameters or equivalent diameters downstream and at least 0.5 stack diameter or equivalent diameter upstream from any fan, bend, constriction or other flow disturbance.

4. For emissions units for which a complete application to construct has been filed prior to December 1, 1980, at least two sampling ports, 90 degrees apart, shall be installed at each sampling location on all circular stacks that have an outside diameter of 15 feet or less. For stacks with a larger diameter, four sampling ports, each 90 degrees apart, shall be installed. For emissions units for which a complete application to construct is filed on or after December 1, 1980, at least two sampling ports, 90 degrees apart, shall be installed at each sampling location on all circular stacks that have an outside diameter of 10 feet or less. For stacks with larger diameters, four sampling ports, each 90 degrees apart, shall be installed. On horizontal circular ducts, the ports shall be located so that the probe can enter the stack vertically, horizontally or at a 45 degree angle.

5. On rectangular ducts, the cross sectional area shall be divided into the number of equal areas in accordance with EPA Method 1. Sampling ports shall be provided which allow access to each sampling point. The ports shall be located so that the probe can be inserted perpendicular to the gas flow.

(d) Work Platforms.

1. Minimum size of the working platform shall be 24 square feet in area. Platforms shall be at least 3 feet wide.

2. On circular stacks with 2 sampling ports, the platform shall extend at least 110 degrees around the stack.

3. On circular stacks with more than two sampling ports, the work platform shall extend 360 degrees around the stack.

4. All platforms shall be equipped with an adequate safety rail (ropes are not acceptable), toeboard, and hinged floor-opening cover if ladder access is used to reach the platform. The safety rail directly in line with the sampling ports shall be removable so that no obstruction exists in an area 14 inches below each sample port and 6 inches on either side of the sampling port.

(e) Access to Work Platform.

APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/07/96)
(continued)

1. Ladders to the work platform exceeding 15 feet in length shall have safety cages or fall arresters with a minimum of 3 compatible safety belts available for use by sampling personnel.

2. Walkways over free-fall areas shall be equipped with safety rails and toeboards.

(f) Electrical Power.

1. A minimum of two 120-volt AC, 20-amp outlets shall be provided at the sampling platform within 20 feet of each sampling port.

2. If extension cords are used to provide the electrical power, they shall be kept on the plant's property and be available immediately upon request by sampling personnel.

(g) Sampling Equipment Support.

1. A three-quarter inch eyebolt and an angle bracket shall be attached directly above each port on vertical stacks and above each row of sampling ports on the sides of horizontal ducts.

a. The bracket shall be a standard 3 inch x 3 inch x one-quarter inch equal-legs bracket which is 1 and one-half inches wide. A hole that is one-half inch in diameter shall be drilled through the exact center of the horizontal portion of the bracket. The horizontal portion of the bracket shall be located 14 inches above the centerline of the sampling port.

b. A three-eighth inch bolt which protrudes 2 inches from the stack may be substituted for the required bracket. The bolt shall be located 15 and one-half inches above the centerline of the sampling port.

c. The three-quarter inch eyebolt shall be capable of supporting a 500 pound working load. For stacks that are less than 12 feet in diameter, the eyebolt shall be located 48 inches above the horizontal portion of the angle bracket. For stacks that are greater than or equal to 12 feet in diameter, the eyebolt shall be located 60 inches above the horizontal portion of the angle bracket. If the eyebolt is more than 120 inches above the platform, a length of chain shall be attached to it to bring the free end of the chain to within safe reach from the platform.

2. A complete monorail or dualrail arrangement may be substituted for the eyebolt and bracket.

3. When the sample ports are located in the top of a horizontal duct, a frame shall be provided above the port to allow the sample probe to be secured during the test.

[Rule 62-297.310(6), F.A.C.]

Appendix TV-1,
Title V Conditions (version dated 8/11/97)

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97)

[Note: This attachment includes "canned conditions" developed from the "Title V Core List."]

{Permitting note: APPENDIX TV-1, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

Chapter 62-4, F.A.C.

1. **General Prohibition.** Any stationary installation which will reasonably be expected to be a source of pollution shall not be operated, maintained, or modified without the appropriate and valid permits issued by the Department, unless the source is exempted by Department rule. The Department may issue a permit only after it receives reasonable assurance that the installation will not cause pollution in violation of any of the provisions of Chapter 403, F.S., or the rules promulgated thereunder. A permitted installation may only be operated, maintained, constructed, expanded or modified in a manner that is consistent with the terms of the permit.

[Rule 62-4.030, Florida Administrative Code (F.A.C.); Section 403.087, Florida Statute (F.S.)]

2. **Not federally enforceable. Procedure to Obtain Permits: Application.**

(1) Any person desiring to obtain a permit from the Department shall apply on forms prescribed by the Department and shall submit such additional information as the Department by law may require.

(2) All applications and supporting documents shall be filed in quadruplicate with the Department.

(3) To ensure protection of public health, safety, and welfare, any construction, modification, or operation of an installation which may be a source of pollution shall be in accordance with sound professional engineering practices pursuant to Chapter 471, F.S. All applications for a Department permit shall be certified by a professional engineer registered in the State of Florida except when the application is for renewal of an air pollution operation permit at a minor facility as defined in Rule 62-210.200, F.A.C., or where professional engineering is not required by Chapter 471, F.S. Where required by Chapter 471 or 492, F.S., applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.

(4) Processing fees for air construction permits shall be in accordance with Rule 62-4.050(4), F.A.C.

(5)(a) To be considered by the Department, each application must be accompanied by the proper processing fee. The fee shall be paid by check, payable to the Department of Environmental Protection. The fee is non-refundable except as provided in Section 120.60, F.S., and in this section.

(c) Upon receipt of the proper application fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin.

(d) If the applicant does not submit the required fee within ten days of receipt of written notification, the Department shall either return the unprocessed application or arrange with the applicant for the pick up of the application.

(e) If an applicant submits an application fee in excess of the required fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin upon receipt, and the Department shall refund to the applicant the amount received in excess of the required fee.

(6) Any substantial modification to a complete application shall require an additional processing fee determined pursuant to the schedule set forth in Rule 62-4.050, F.A.C., and shall restart the time requirements of Sections 120.60 and 403.0876, F.S. For purposes of this Subsection, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review.

(7) Modifications to existing permits proposed by the permittee which require substantial changes in the existing permit or require substantial evaluation by the Department of potential impacts of the proposed modifications shall require the same fee as a new application.

[Rule 62-4.050, F.A.C.]

3. **Standards for Issuing or Denying Permits.** Except as provided at Rule 62-213.460, F.A.C., the issuance of a permit does not relieve any person from complying with the requirements of Chapter 403, F.S., or Department rules.

[Rule 62-4.070(7), F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

4. Modification of Permit Conditions.

(1) For good cause and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions and on application of the permittee the Department may grant additional time. For the purpose of this section, good cause shall include, but not be limited to, any of the following:

- (a) A showing that an improvement in effluent or emission quality or quantity can be accomplished because of technological advances without unreasonable hardship.
- (b) A showing that a higher degree of treatment is necessary to effect the intent and purpose of Chapter 403, F.S.
- (c) A showing of any change in the environment or surrounding conditions that requires a modification to conform to applicable air or water quality standards.
- (e) Adoption or revision of Florida Statutes, rules, or standards which require the modification of a permit condition for compliance.

(2) A permittee may request a modification of a permit by applying to the Department.

(3) A permittee may request that a permit be extended as a modification of the permit. Such a request must be submitted to the Department in writing before the expiration of the permit. Upon timely submittal of a request for extension, unless the permit automatically expires by statute or rule, the permit will remain in effect until final agency action is taken on the request. For construction permits, an extension shall be granted if the applicant can demonstrate reasonable assurances that, upon completion, the extended permit will comply with the standards and conditions required by applicable regulation. For all other permits, an extension shall be granted if the applicant can demonstrate reasonable assurances that the extended permit will comply with the standards and conditions applicable to the original permit. A permit for which the permit application fee was prorated in accordance with Rule 62-4.050(4)(1), F.A.C., shall not be extended. In no event shall a permit be extended or remain in effect longer than the time limits established by statute or rule.

[Rule 62-4.080, F.A.C.]

5. Renewals. Prior to one hundred eighty (180) days before the expiration of a permit issued pursuant to Chapter 62-213, F.A.C., the permittee shall apply for a renewal of a permit using forms incorporated by reference in the specific rule chapter for that kind of permit. A renewal application shall be timely and sufficient. If the application is submitted prior to 180 days before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Department or, if there is court review of the Department's final agency action, until a later date is required by Section 120.60, F.S., provided that, for renewal of a permit issued pursuant to Chapter 62-213, F.A.C., the applicant complies with the requirements of Rules 62-213.420(1)(b)3. and 4., F.A.C.

[Rule 62-4.090(1), F.A.C.]

6. Suspension and Revocation.

(1) Permits shall be effective until suspended, revoked, surrendered, or expired and shall be subject to the provisions of Chapter 403, F.S., and rules of the Department.

(2) Failure to comply with pollution control laws and rules shall be grounds for suspension or revocation.

(3) A permit issued pursuant to Chapter 62-4, F.A.C., shall not become a vested property right in the permittee. The Department may revoke any permit issued by it if it finds that the permit holder or the permit holder's agent:

- (a) Submitted false or inaccurate information in application or operational reports.
- (b) Has violated law, Department orders, rules or permit conditions.
- (c) Has failed to submit operational reports or other information required by Department rules.
- (d) Has refused lawful inspection under Section 403.091, F.S.

[Rule 62-4.100, F.A.C.]

7. **Not federally enforceable.** Financial Responsibility. The Department may require an applicant to submit proof of financial responsibility and may require the applicant to post an appropriate bond to guarantee compliance with the law and Department rules.

[Rule 62-4.110, F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

8. Transfer of Permits.

(1) Within 30 days after the sale or legal transfer of a permitted facility, an "Application for Transfer of Permit" (DEP Form 62-1.201(1)) must be submitted to the Department. This form must be completed with the notarized signatures of both the permittee and the proposed new permittee.

(2) The Department shall approve the transfer of a permit unless it determines that the proposed new permittee cannot provide reasonable assurances that conditions of the permit will be met. The determination shall be limited solely to the ability of the new permittee to comply with the conditions of the existing permit, and it shall not concern the adequacy of these permit conditions. If the Department proposes to deny the transfer, it shall provide both the permittee and the proposed new permittee a written objection to such transfer together with notice of a right to request a Chapter 120, F.S., proceeding on such determination.

(3) Within 30 days of receiving a properly completed Application for Transfer of Permit form, the Department shall issue a final determination. The Department may toll the time for making a determination on the transfer by notifying both the permittee and the proposed new permittee that additional information is required to adequately review the transfer request. Such notification shall be served within 30 days of receipt of an Application for Transfer of Permit form, completed pursuant to Rule 62-4.120(1), F.A.C. If the Department fails to take action to approve or deny the transfer within 30 days of receipt of the completed Application for Transfer of Permit form, or within 30 days of receipt of the last item of timely requested additional information, the transfer shall be deemed approved.

(4) The permittee is encouraged to apply for a permit transfer prior to the sale or legal transfer of a permitted facility. However, the transfer shall not be effective prior to the sale or legal transfer.

(5) Until this transfer is approved by the Department, the permittee and any other person constructing, operating, or maintaining the permitted facility shall be liable for compliance with the terms of the permit. The permittee transferring the permit shall remain liable for corrective actions that may be required as a result of any violations occurring prior to the sale or legal transfer of the facility.

[Rule 62-4.120, F.A.C.]

9. Plant Operation-Problems. If the permittee is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules.

[Rule 62-4.130, F.A.C.]

10. For purposes of notification to the Department pursuant to Rule 62-4.130, F.A.C., Plant Operation-Problems, "immediately" shall mean the same day, if during a workday (i.e., 8:00 a.m. - 5:00 p.m.), or the first business day after the incident, excluding weekends and holidays.

[40 CFR 70.6(a)(3)(iii)(B)]

11. **Not federally enforceable.** Review. Failure to request a hearing within 14 days of receipt of notice of proposed or final agency action on a permit application or as otherwise required in Chapter 62-103, F.A.C., shall be deemed a waiver of the right to an administrative hearing.

[Rule 62-4.150, F.A.C.]

12. Permit Conditions. All permits issued by the Department shall include the following general conditions:

(1) The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

(2) This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

(3) As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

- (4) This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- (5) This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of F.S. and Department rules, unless specifically authorized by an order from the Department.
- (6) The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- (7) The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
- (a) Have access to and copy any records that must be kept under conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and,
 - (c) Sample or monitor any substances or parameters at any location reasonable necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
- (8) If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of noncompliance; and,
 - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
- (9) In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the F.S. or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- (10) The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by F.S. or Department rules.
- (11) This permit is transferable only upon Department approval in accordance with Rule 62-4.120, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- (12) This permit or a copy thereof shall be kept at the work site of the permitted activity.
- (14) The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five (5) years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - (c) Records of monitoring information shall include:
 - 1. the date, exact place, and time of sampling or measurements;
 - 2. the person responsible for performing the sampling or measurements;
 - 3. the dates analyses were performed;
 - 4. the person responsible for performing the analyses;
 - 5. the analytical techniques or methods used; and,
 - 6. the results of such analyses.
- (15) When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

[Rules 62-4.160 and 62-213.440(1)(b), F.A.C.]

13. Construction Permits.

(1) No person shall construct any installation or facility which will reasonably be expected to be a source of air or water pollution without first applying for and receiving a construction permit from the Department unless exempted by statute or Department rule. In addition to the requirements of Chapter 62-4, F.A.C., applicants for a Department Construction Permit shall submit the following as applicable:

- (a) A completed application on forms furnished by the Department.
- (b) An engineering report covering:
 - 1. plant description and operations,
 - 2. types and quantities of all waste material to be generated whether liquid, gaseous or solid,
 - 3. proposed waste control facilities,
 - 4. the treatment objectives,
 - 5. the design criteria on which the control facilities are based, and,
 - 6. other information deemed relevant.

Design criteria submitted pursuant to Rule 62-4.210(1)(b)5., F.A.C., shall be based on the results of laboratory and pilot-plant scale studies whenever such studies are warranted. The design efficiencies of the proposed waste treatment facilities and the quantities and types of pollutants in the treated effluents or emissions shall be indicated. Work of this nature shall be subject to the requirements of Chapter 471, F.S. Where confidential records are involved, certain information may be kept confidential pursuant to Section 403.111, F.S.

- (c) The owners' written guarantee to meet the design criteria as accepted by the Department and to abide by Chapter 403, F.S. and the rules of the Department as to the quantities and types of materials to be discharged from the installation. The owner may be required to post an appropriate bond or other equivalent evidence of financial responsibility to guarantee compliance with such conditions in instances where the owner's financial resources are inadequate or proposed control facilities are experimental in nature.

(2) The construction permit may contain conditions and an expiration date as determined by the Secretary or the Secretary's designee.

(3) When the Department issues a permit to construct, the permittee shall be allowed a period of time, specified in the permit, to construct, and to operate and test to determine compliance with Chapter 403, F.S., and the rules of the Department and, where applicable, to apply for and receive an operation permit. The Department may require tests and evaluations of the treatment facilities by the permittee at his/her expense.

[Rule 62-4.210, F.A.C.]

14. Operation Permit for New Sources. To properly apply for an operation permit for new sources, the applicant shall submit certification that construction was completed noting any deviations from the conditions in the construction permit and test results where appropriate.

[Rule 62-4.220, F.A.C.]

Chapter 62-103, F.A.C.

15. Public Notice, Public Participation, and Proposed Agency Action. The permittee shall comply with all of the requirements for public notice, public participation, and proposed agency action pursuant to Rule 62-103.150 and Rule 62-210.350, F.A.C.

[Rules 62-103.150, 62-210.350 and 62-213.430(1)(b), F.A.C.]

16. Administrative Hearing. The permittee shall comply with all of the requirements for a petition for administrative hearing or waiver of right to administrative proceeding pursuant to Rule 61-103.155, F.A.C.

[Rule 62-103.155, F.A.C.]

Chapter 62-204, F.A.C.

17. Asbestos. This permit does not authorize any demolition or renovation of the facility or its parts or components which involves asbestos removal. This permit does not constitute a waiver of any of the requirements of Chapter 62-257, F.A.C., and 40 CFR Part 61, Subpart M, National Emission Standard for Asbestos, adopted and incorporated by reference in Rule 62-204.800, F.A.C. Compliance with Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, Section 61.145, is required for any asbestos demolition or renovation at the source.

[40 CFR 61; Rule 62-204.800, F.A.C.; and, Chapter 62-257, F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

Chapter 62-210, F.A.C.

18. Permits Required. The owner or operator of any emissions unit which emits or can reasonably be expected to emit any air pollutant shall obtain an appropriate permit from the Department prior to beginning construction, modification, or initial or continued operation of the emissions unit unless exempted pursuant to Department rule or statute. All emissions limitations, controls, and other requirements imposed by such permits shall be at least as stringent as any applicable limitations and requirements contained in or enforceable under the State Implementation Plan (SIP) or that are otherwise federally enforceable. Except as provided at Rule 62-213.460, F.A.C., issuance of a permit does not relieve the owner or operator of any emissions unit from complying with applicable emission limiting standards or other requirements of the air pollution rules of the Department, or any other applicable requirements under federal, state, or local law.

(1) Air Construction Permits. An air construction permit shall be obtained by the owner or operator of any proposed new or modified facility or emissions unit prior to the beginning of construction or modification, in accordance with all applicable provisions of Chapters 62-210, 62-212 and 62-4, F.A.C. The construction permit shall be issued for a period of time sufficient to allow construction or modification of the facility or emissions unit and operation while the new or modified facility or emissions unit is conducting tests or otherwise demonstrating initial compliance with the conditions of the construction permit.

(2) Air Operation Permits. Upon expiration of the air operation permit for any existing facility or emissions unit, subsequent to construction or modification and demonstration of initial compliance with the conditions of the construction permit for any new or modified facility or emissions unit, or as otherwise provided in Chapter 62-210 or Chapter 62-213, the owner or operator of such facility or emissions unit shall obtain a renewal air operation permit, an initial air operation permit, or an administrative correction or revision of an existing air operation permit, whichever is appropriate, in accordance with all applicable provisions of Chapter 62-210, Chapter 62-213, and Chapter 62-4, F.A.C.

(a) Minimum Requirements for All Air Operation Permits. At a minimum, a permit issued pursuant to this subsection shall:

1. Specify the manner, nature, volume and frequency of the emissions permitted, and the applicable emission limiting standards or performance standards, if any;
2. Require proper operation and maintenance of any pollution control equipment by qualified personnel, where applicable in accordance with the provisions of any operation and maintenance plan required by the air pollution rules of the Department.
3. Contain an effective date stated in the permit which shall not be earlier than the date final action is taken on the application and be issued for a period, beginning on the effective date, as provided below.

a. The operation permit for an emissions unit which is in compliance with all applicable rules and in operational condition, and which the owner or operator intends to continue operating, shall be issued or renewed for a five-year period, except that, for Title V sources subject to Rule 62-213.420(1)(a)1., F.A.C., operation permits shall be extended until 60 days after the due date for submittal of the facility's Title V permit application as specified in Rule 62-213.420(1)(a)1., F.A.C.

b. Except as provided in Rule 62-210.300(2)(a)3.d., F.A.C., the operation permit for an emissions unit which has been shut down for six months or more prior to the expiration date of the current operation permit, shall be renewed for a period not to exceed five years from the date of shutdown, even if the emissions unit is not maintained in operational condition, provided:

- (i) the owner or operator of the emissions unit demonstrates to the Department that the emissions unit may need to be reactivated and used, or that it is the owner's or operator's intent to apply to the Department for a permit to construct a new emissions unit at the facility before the end of the extension period; and,
- (ii) the owner or operator of the emissions unit agrees to and is legally prohibited from providing the allowable emission permitted by the renewed permit as an emissions offset to any other person under Rule 62-212.500, F.A.C.; and,
- (iii) the emissions unit was operating in compliance with all applicable rules as of the time the source was shut down.

c. Except as provided in Rule 62-210.300(2)(a)3.d., F.A.C., the operation permit for an emissions unit which has been shut down for five years or more prior to the expiration date of the current operation permit shall be renewed for a maximum period not to exceed ten years from the date of shutdown, even if the emissions unit is not maintained in operational condition, provided the conditions given in Rule 62-210.300(2)(a)3.b., F.A.C., are met and the owner or operator demonstrates to the Department that failure to renew the permit would constitute a hardship, which may include economic hardship.

d. The operation permit for an electric utility generating unit on cold standby or long-term reserve shutdown shall be renewed for a five-year period, and additional five-year periods, even if the unit is not maintained in operational condition, provided the conditions given in Rules 62-210.300(2)(a)3.b.(i) through (iii), F.A.C., are met.

4. In the case of an emissions unit permitted pursuant to Rules 62-210.300(2)(a)3.b., c., and d., F.A.C., include reasonable notification and compliance testing requirements for reactivation of such emissions unit and provide that the owner or operator demonstrate to the Department prior to reactivation that such reactivation would not constitute reconstruction pursuant to Rule 62-204.800(7), F.A.C.

[Rules 62-210.300(1) & (2), F.A.C.]

19. Notification of Startup. The owner or operator of any emissions unit or facility which has a valid air operation permit and which has been shut down more than one (1) year, shall notify the Department in writing of the intent to start up such emissions unit or facility, a minimum of sixty (60) days prior to the intended startup date.

(a) The notification shall include the planned startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.

(b) If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Department as soon as possible after the date of such startup is ascertained.

[Rule 62-210.300(5), F.A.C.]

20. Emissions Unit Reclassification.

(a) Any emissions unit whose operation permit has been revoked as provided for in Chapter 62-4, F.A.C., shall be deemed permanently shut down for purposes of Rule 62-212.500, F.A.C. Any emissions unit whose permit to operate has expired without timely renewal or transfer may be deemed permanently shut down, provided, however, that no such emissions unit shall be deemed permanently shut down if, within 20 days after receipt of written notice from the Department, the emissions unit owner or operator demonstrates that the permit expiration resulted from inadvertent failure to comply with the requirements of Rule 62-4.090, F.A.C., and that the owner or operator intends to continue the emissions unit in operation, and either submits an application for an air operation permit or complies with permit transfer requirements, if applicable.

(b) If the owner or operator of an emissions unit which is so permanently shut down, applies to the Department for a permit to reactivate or operate such emissions unit, the emissions unit will be reviewed and permitted as a new emissions unit.

[Rule 62-210.300(6), F.A.C.]

21. Public Notice and Comment.

(1) Public Notice of Proposed Agency Action.

(a) Notwithstanding any discretionary public notice requirements contained in Rule 62-103.150(2)(a), F.A.C., a notice of proposed agency action on permit application, where the proposed agency action is to issue the permit, shall be published by any applicant for:

1. A construction permit for any proposed new or modified facility or emissions unit;
2. An operation permit, permit renewal or permit revision subject to Rule 62-210.300(2)(b), F.A.C.; or
3. An operation permit, permit renewal, or permit revision subject to Chapter 62-213, F.A.C., except those permit revisions meeting the requirements of Rule 62-213.412(1), F.A.C.

(b) The notice required by Rule 62-210.350(1)(a), F.A.C., shall be published in accordance with all otherwise applicable provisions of Rule 62-103.150, F.A.C.

(2) Additional Public Notice Requirements for Emissions Units Subject to Prevention of Significant Deterioration or Nonattainment-Area Preconstruction Review.

(a) Before taking final agency action on a construction permit application for any proposed new or modified facility or emissions unit subject to the preconstruction review requirements of Rule 62-212.400 or 62-212.500, F.A.C., the Department shall comply with all applicable provisions of Rule 62-103.150, F.A.C., and provide an opportunity for public comment which shall include as a minimum the following:

1. A complete file available for public inspection in at least one location in the district affected which includes the information submitted by the owner or operator, exclusive of confidential records under Section 403.111, F.S., and the Department's analysis of the effect of the proposed construction or modification on ambient air quality, including the Department's preliminary determination of whether the permit should be approved or disapproved;
2. A 30-day period for submittal of public comments; and,

3. A notice, by advertisement in a newspaper of general circulation in the county affected, specifying the nature and location of the proposed facility or emissions unit, whether BACT or LAER has been determined, the degree of PSD increment consumption expected, if applicable, and the location of the information specified in paragraph 1. above; and notifying the public of the opportunity for submitting comments and requesting a public hearing.
 - (b) The notice provided for in Rule 62-210.350(2)(a)3., F.A.C., shall be prepared by the Department and published by the applicant in accordance with all applicable provisions of Rule 62-103.150, F.A.C., except that the applicant shall cause the notice to be published no later than thirty (30) days prior to final agency action.
 - (c) A copy of the notice provided for in Rule 62-210.350(2)(a)3., F.A.C., shall also be sent by the Department to the Regional Office of the U. S. Environmental Protection Agency and to all other state and local officials or agencies having cognizance over the location of such new or modified facility or emissions unit, including local air pollution control agencies, chief executives of city or county government, regional land use planning agencies, and any other state, Federal Land Manager, or Indian Governing Body whose lands may be affected by emissions from the new or modified facility or emissions unit.
 - (d) A copy of the notice provided for in Rule 62-210.350(2)(a)3., F.A.C., shall be displayed in the appropriate district, branch and local program offices.
 - (e) An opportunity for public hearing shall be provided in accordance with Chapter 120, F.S., and Rule 62-103.150, F.A.C.
 - (f) Any public comments received shall be made available for public inspection in the location where the information specified in Rule 62-210.350(2)(a)1., F.A.C., is available and shall be considered by the Department in making a final determination to approve or deny the permit.
 - (g) The final determination shall be made available for public inspection at the same location where the information specified in Rule 62-210.350(2)(a)1., F.A.C., was made available.
 - (h) For a proposed new or modified emissions unit which would be located within 100 kilometers of any Federal Class I area or whose emissions may affect any Federal Class I area, and which would be subject to the preconstruction review requirements of Rule 62-212.400, F.A.C., or Rule 62-212.500, F.A.C.:
 1. The Department shall mail or transmit to the Administrator a copy of the initial application for an air construction permit and notice of every action related to the consideration of the permit application.
 2. The Department shall mail or transmit to the Federal Land Manager of each affected Class I area a copy of any written notice of intent to apply for an air construction permit; the initial application for an air construction permit, including all required analyses and demonstrations; any subsequently submitted information related to the application; the preliminary determination and notice of proposed agency action on the permit application; and any petition for an administrative hearing regarding the application or the Department's proposed action. Each such document shall be mailed or transmitted to the Federal Land Manager within fourteen (14) days after its receipt by the Department.
- (3) Additional Public Notice Requirements for Facilities Subject to Operation Permits for Title V Sources.
- (a) Before taking final agency action to issue a new, renewed, or revised air operation permit subject to Chapter 62-213, F.A.C., the Department shall comply with all applicable provisions of Rule 62-103.150, F.A.C., and provide an opportunity for public comment which shall include as a minimum the following:
 1. A complete file available for public inspection in at least one location in the district affected which includes the information submitted by the owner or operator, exclusive of confidential records under Section 403.111, F.S.; and,
 2. A 30-day period for submittal of public comments.
 - (b) The notice provided for in Rule 62-210.350(3)(a), F.A.C., shall be prepared by the Department and published by the applicant in accordance with all applicable provisions of Rule 62-103.150, F.A.C., except that the applicant shall cause the notice to be published no later than thirty (30) days prior to final agency action.
 - (c) The notice shall identify:
 1. The facility;
 2. The name and address of the office at which processing of the permit occurs;
 3. The activity or activities involved in the permit action;
 4. The emissions change involved in any permit revision;
 5. The name, address, and telephone number of a Department representative from whom interested persons may obtain additional information, including copies of the permit draft, the application, and all relevant supporting materials, including any permit application, compliance plan, permit, monitoring report, and compliance statement required pursuant to Chapter 62-213, F.A.C. (except for information entitled to confidential treatment pursuant to Section 403.111, F.S.), and all other materials available to the Department that are relevant to the permit decision;
 6. A brief description of the comment procedures required by Rules 62-103.150 and 62-210.350(3), F.A.C.;
 7. The time and place of any hearing that may be held, including a statement of procedure to request a hearing (unless a hearing has already been scheduled); and,

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

8. The procedures by which persons may petition the Administrator to object to the issuance of the proposed permit after expiration of the Administrator's 45-day review period.
[Rule 62-210.350, F.A.C.]

22. Administrative Permit Corrections.

- (1) A facility owner shall notify the Department by letter of minor corrections to information contained in a permit. Such notifications shall include:
- (a) Typographical errors noted in the permit;
 - (b) Name, address or phone number change from that in the permit;
 - (c) Any other similar minor administrative change at the source; and,
 - (d) A change requiring more frequent monitoring or reporting by the permittee.
 - (e) Changes listed at 40 CFR 72.83(a)(1), (2), (6), (9) and (10), hereby adopted and incorporated by reference, to Title V sources subject to emissions limitations or reductions pursuant to 42 USC ss. 7651-7651o;
 - (f) Changes listed at 40 CFR 72.83(a)(11), hereby adopted and incorporated by reference, to Title V sources subject to emissions limitations or reductions pursuant to 42 USC ss. 7651-7651o, provided the notification is accompanied by a copy of any EPA determination concerning the similarity of the change to those listed at Rule 17-210.360(1)(e).
- (2) Upon receipt of such notifications the Department shall within 60 days correct the permit and provide a corrected copy to the owner.
- (3) For facilities subject to Chapter 62-213, F.A.C., a copy shall be provided to EPA and any approved local air program in the county where the facility or any part of the facility is located.
- (4) The Department shall incorporate requirements resulting from issuance of new or revised construction permits into existing operation permits issued pursuant to Chapter 62-213, F.A.C., if the construction permit revisions incorporate requirements of federally enforceable preconstruction review and if the applicant requests at the time of application that all of the requirements of Rule 62-213.430(1), F.A.C., be complied with in conjunction with the processing of the construction permit application.
[Rule 62-210.360, F.A.C.]

23. Reports.

- (3) Annual Operating Report for Air Pollutant Emitting Facility.
- (a) The Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be completed each year.
 - (c) The annual operating report shall be submitted to the appropriate Department District or Department approved local air pollution control program office by March 1 of the following year unless otherwise indicated by permit condition or Department request.
- [Rule 62-210.370(3), F.A.C.]

24. Circumvention. No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.
[Rule 62-210.650, F.A.C.]

25. Forms and Instructions. The forms used by the Department in the stationary source control program are adopted and incorporated by reference in this section. The forms are listed by rule number, which is also the form number, with the subject, title and effective date. Copies of forms may be obtained by writing to the Department of Environmental Protection, Division of Air Resources Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400.

- (1) Application for Air Permit - Long Form, Form and Instructions.
- (a) Acid Rain Part (Phase II), Form and Instructions.
 - 1. Repowering Extension Plan, Form and Instructions.
 - 2. New Unit Exemption, Form and Instructions.
 - 3. Retired Unit Exemption, Form and Instructions.
 - (b) Reserved.
- (5) Annual Operating Report (AOR) for Air Pollutant Emitting Facility, Form and Instructions.
[Rule 62-210.900, F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

Chapter 62-213, F.A.C.

26. Annual Emissions Fee. Each Title V source permitted to operate in Florida must pay between January 15 and March 1 of each year, upon written notice from the Department, an annual emissions fee in accordance with Rule 62-213.205, F.A.C., and the appropriate form and associated instructions.

[Rules 62-213.205 and 62-213.900(1), F.A.C.]

27. Annual Emissions Fee. Failure to pay timely any required annual emissions fee, penalty, or interest constitutes grounds for permit revocation pursuant to Rule 62-4.100, F.A.C.

[Rule 62-213.205(1)(g), F.A.C.]

28. Annual Emissions Fee. Any documentation of actual hours of operation, actual material or heat input, actual production amount, or actual emissions used to calculate the annual emissions fee shall be retained by the owner for a minimum of five (5) years and shall be made available to the Department upon request.

[Rule 62-213.205(1)(j), F.A.C.]

29. Annual Emissions Fee. DEP Form 62-213.900(1), F.A.C., "Major Air Pollution Source Annual Emissions Fee Form", must be completed by the permittee and submitted with the annual emissions fee.

[Rule 62-213.205(4), F.A.C.]

30. Air Operation Permit Fees. After December 31, 1992, no permit application processing fee, renewal fee, modification fee or amendment fee is required for an operation permit for a Title V source.

[Rule 62-213.205(5), F.A.C.]

31. Permits and Permit Revisions Required. All Title V sources are subject to the permit requirements of Chapter 62-213, F.A.C.

[Rule 62-213.400, F.A.C.]

32. No Title V source may operate except in compliance with Chapter 62-213, F.A.C.

[Rule 62-213.400(1), F.A.C.]

33. Changes Without Permit Revision. Title V sources having a valid permit issued pursuant to Chapter 62-213, F.A.C., may make the following changes without permit revision, provided that sources shall maintain source logs or records to verify periods of operation in each alternative method of operation:

(1) Permitted sources may change among those alternative methods of operation allowed by the source's permit as provided by the terms of the permit;

(2) Permitted sources may implement the terms or conditions of a new or revised construction permit if;

(a) The application for construction permit complied with the requirements of Rule 62-213.420(3) and (4), F.A.C.;

(b) The terms or conditions were subject to federally enforceable preconstruction review pursuant to Chapter 62-212, F.A.C.; and,

(c) The new or revised construction permit was issued after the Department and the applicant complied with all the requirements of Rule 62-213.430(1), F.A.C.;

(3) A permitted source may implement operating changes after the source submits any forms required by any applicable requirement and provides the Department and EPA with at least 7 days written notice prior to implementation. The source and the Department shall attach each notice to the relevant permit;

(a) The written notice shall include the date on which the change will occur, and a description of the change within the permitted source, the pollutants emitted and any change in emissions, and any term or condition becoming applicable or no longer applicable as a result of the change;

(b) The permit shield described in Rule 62-213.460, F.A.C., shall not apply to such changes;

(4) Permitted sources may implement changes involving modes of operation only in accordance with Rule 62-213.415, F.A.C.

[Rule 62-213.410, F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

34. Immediate Implementation Pending Revision Process.

(1) Those permitted Title V sources making any change that constitutes a modification pursuant to paragraph (a) of the definition of modification at Rule 62-210.200, F.A.C., but which would not constitute a modification pursuant to paragraph (b) of the same definition, may implement such change prior to final issuance of a permit revision in accordance with Rule 62-213.412, F.A.C., provided the change:

- (a) Does not violate any applicable requirement;
- (b) Does not contravene any permit term or condition for monitoring, testing, recordkeeping or reporting, or any compliance certification requirement;
- (c) Does not require or change a case-by-case determination of an emission limitation or other standard, or a source-specific determination of ambient impacts, or a visibility or increment analysis under the provisions of Chapter 62-212 or 62-296, F.A.C.;
- (d) Does not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed to avoid an applicable requirement to which the source would otherwise be subject including any federally enforceable emissions cap or federally enforceable alternative emissions limit.

(2) A Title V source may immediately implement such changes after they have been incorporated into the terms and conditions of a new or revised construction permit issued pursuant to Chapter 62-212, F.A.C., and after the source provides to EPA, the Department, each affected state and any approved local air program having geographic jurisdiction over the source, a copy of the source's application for operation permit revision. The Title V source may conform its application for construction permit to include all information required by Rule 62-213.420, F.A.C., in lieu of submitting separate application forms.

(3) The Department shall process the application for operation permit revision in accordance with the provisions of Chapter 62-213, F.A.C., except that the Department shall issue a draft permit revision or a determination to deny the revision within 60 days of receipt of a complete application for operation permit revision or, if the Title V source has submitted a construction permit application conforming to the requirements of Rule 62-213.420, F.A.C., the Department shall issue a draft permit or a determination to deny the revision at the same time the Department issues its determination on issuance or denial of the construction permit application. The Department shall not take final action until all the requirements of Rule 62-213.430(1)(a), (c), (d), and (e), F.A.C., have been complied with.

(4) Pending final action on the operation permit revision application, the source shall implement the changes in accordance with the terms and conditions of the source's new or revised construction permit.

(5) The permit shield described in Rule 62-213.460, F.A.C., shall not apply to such changes until after the Department takes final action to issue the operation permit revision.

(6) If the Department denies the source's application for operation permit revision, the source shall cease implementation of the proposed changes.

[Rule 62-213.412, F.A.C.]

35. Permit Applications.

(1) Duty to Apply. For each Title V source, the owner or operator shall submit a timely and complete permit application in compliance with the requirements of Rules 62-213.420, 62-4.050(1) & (2), and 62-210.900, F.A.C.

(a) Timely Application.

3. For purposes of permit renewal, a timely application is one that is submitted in accordance with Rule 62-4.090, F.A.C.

(b) Complete Application.

1. Any applicant for a Title V permit, permit revision or permit renewal must submit an application on DEP Form No. 62-210.900(1), which must include all the information specified by Rule 62-213.420(3), F.A.C., except that an application for permit revision must contain only that information related to the proposed change. The applicant shall include information concerning fugitive emissions and stack emissions in the application. Each application for permit, permit revision or permit renewal shall be certified by a responsible official in accordance with Rule 62-213.420(4), F.A.C.

2. For those applicants submitting initial permit applications pursuant to Rule 62-213.420(1)(a)1., F.A.C., a complete application shall be an application that substantially addresses all the information required by the application form number 62-210.900(1), and such applications shall be deemed complete within sixty days of receipt of a signed and certified application unless the Department notifies the applicant of incompleteness within that time. For all other applicants, the applications shall be deemed complete sixty days after receipt, unless the Department, within sixty days after receipt of a signed application for permit, permit revision or permit renewal, requests additional documentation or information needed to process the application. An applicant making timely and complete application for permit, or timely application for permit renewal as described by Rule 62-4.090(1), F.A.C., shall continue to operate the source

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

under the authority and provisions of any existing valid permit or Florida Electrical Power Plant Siting Certification, provided the applicant complies with all the provisions of Rules 62-213.420(1)(b)3. and 4. F.A.C. Failure of the Department to request additional information within sixty days of receipt of a properly signed application shall not impair the Department's ability to request additional information pursuant to Rules 62-213.420(1)(b)3. and 4., F.A.C.

3. For those permit applications submitted pursuant to the provisions of Rule 62-213.420(1)(a)1., F.A.C., the Department shall notify the applicant if the Department becomes aware at any time during processing of the application that the application contains incorrect or incomplete information. The applicant shall submit the corrected or supplementary information to the Department within ninety days unless the applicant has requested and been granted additional time to submit the information. Failure of an applicant to submit corrected or supplementary information requested by the Department within ninety days or such additional time as requested and granted shall render the application incomplete.

4. For all applications other than those addressed at Rule 62-213.420(1)(b)3., F.A.C., should the Department become aware, during processing of any application that the application contains incorrect information, or should the Department become aware, as a result of comment from an affected State, an approved local air program, EPA, or the public that additional information is needed to evaluate the application, the Department shall notify the applicant within 30 days. When an applicant becomes aware that an application contains incorrect or incomplete information, the applicant shall submit the corrected or supplementary information to the Department. If the Department notifies an applicant that corrected or supplementary information is necessary to process the permit, and requests a response, the applicant shall provide the information to the Department within ninety days of the Department request unless the applicant has requested and been granted additional time to submit the information or, the applicant shall, within ninety days, submit a written request that the Department process the application without the information. Failure of an applicant to submit corrected or supplementary information requested by the Department within ninety days, or such additional time as requested and granted, or to demand in writing within ninety days that the application be processed without the information shall render the application incomplete. Nothing in this section shall limit any other remedies available to the Department.

[Rules 62-213.420(1)(a)3. and 62-213.420(1)(b)1., 2., 3. & 4., F.A.C.]

36. Confidential Information. Whenever an applicant submits information under a claim of confidentiality pursuant to Section 403.111, F.S., the applicant shall also submit a copy of all such information and claim directly to EPA.

[Rule 62-213.420(2), F.A.C.]

37. Standard Application Form and Required Information. Applications shall be submitted under Chapter 62-213, F.A.C., on forms provided by the Department and adopted by reference in Rule 62-210.900(1), F.A.C. The information as described in Rule 62-210.900(1), F.A.C., shall be included for the Title V source and each emissions unit. An application must include information sufficient to determine all applicable requirements for the Title V source and each emissions unit and to evaluate a fee amount pursuant to Rule 62-213.205, F.A.C.

[Rule 62-213.420(3), F.A.C.]

38. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

[Rule 62-213.420(4), F.A.C.]

39.a. Permit Renewal and Expiration. Permits being renewed are subject to the same requirements that apply to permit issuance at the time of application for renewal. Permit renewal applications shall contain that information identified in Rules 62-210.900(1) and 62-213.420(3), F.A.C. Unless a Title V source submits a timely application for permit renewal in accordance with the requirements of Rule 62-4.090(1), F.A.C., the existing permit shall expire and the source's right to operate shall terminate.

b. Permit Revision Procedures. Permit revisions shall meet all requirements of Chapter 62-213, F.A.C., including those for content of applications, public participation, review by approved local programs and affected states, and review by EPA, as they apply to permit issuance and renewal, except that permit revisions for those activities implemented pursuant to Rule 62-213.412, F.A.C., need not meet the requirements of Rule 62-213.430(1)(b), F.A.C. The Department shall require permit revision in accordance with the provisions of Rule 62-4.080, F.A.C., and 40 CFR 70.7(f), whenever any source becomes

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

subject to any condition listed at 40 CFR 70.7(f)(1), hereby adopted and incorporated by reference. The below requirements from 40 CFR 70.7(f) are adopted and incorporated by reference in Rule 62-213.430(4), F.A.C.:

o 40 CFR 70.7(f): Reopening for Cause.

(1) This section contains provisions from 40 CFR 70.7(f) that specify the conditions under which a Title V permit shall be reopened prior to the expiration of the permit. A Title V permit shall be reopened and revised under any of the following circumstances:

- (i) Additional applicable requirements under the Act become applicable to a major Part 70 source with a remaining permit term of 3 or more years. Such a reopening shall be completed not later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 40 CFR 70.4(b)(10)(i) or (ii).
- (ii) Additional requirements (including excess emissions requirements) become applicable to an affected source under the acid rain program. Upon approved by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
- (iii) The permitting authority or EPA determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.
- (iv) The Administrator or the permitting authority determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

(2) Proceedings to reopen and issue a permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of the permit for which cause to reopen exists. Such reopening shall be made as expeditiously as practicable.

(3) Reopenings under 40 CFR 70.7(f)(1) shall not be initiated before a notice of such intent is provided to the Part 70 source by the permitting authority at least 30 days in advance of the date that the permit is to be reopened, except that the permitting authority may provide a shorter time period in the case of an emergency.

[Rules 62-213.430(3) & (4), F.A.C.; and, 40 CFR 70.7(f)]

40. Permit Duration. Operation permits for Title V sources may not be extended as provided in Rule 62-4.080(3), F.A.C., if such extension will result in a permit term greater than five (5) years.

[Rule 62-213.440(1)(a), F.A.C.]

41. Monitoring Information. All records of monitoring information shall specify the date, place, and time of sampling or measurement and the operating conditions at the time of sampling or measurement, the date(s) analyses were performed, the company or entity that performed the analyses, the analytical techniques or methods used, and the results of such analyses.

[Rule 62-213.440(1)(b)2.a., F.A.C.]

42. Retention of Records. Retention of records of all monitoring data and support information shall be for a period of at least 5 years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.

[Rule 62-213.440(1)(b)2.b., F.A.C.]

43. Monitoring Reports. The permittee shall submit reports of any required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports.

[Rule 62-213.440(1)(b)3.a., F.A.C.]

44. Deviation from Permit Requirements Reports. The permittee shall report in accordance with the requirements of Rules 62-210.700(6) and 62-4.130, F.A.C., any deviations from permit requirements, including those attributable to upset conditions as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken.

[Rule 62-213.440(1)(b)3.b., F.A.C.]

45. Reports. All reports shall be accompanied by a certification by a responsible official, pursuant to Rule 62-213.420(4), F.A.C.

[Rule 62-213.440(1)(b)3.c., F.A.C.]

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46. If any portion of the final permit is invalidated, the remainder of the permit shall remain in effect.

[Rule 62-213.440(1)(d)1., F.A.C.]

47. It shall not be a defense for a permittee in an enforcement action that maintaining compliance with any permit condition would necessitate halting of or reduction of the source activity.

[Rule 62-213.440(1)(d)3., F.A.C.]

48. A Title V source shall comply with all the terms and conditions of the existing permit until the Department has taken final action on any permit renewal or any requested permit revision, except as provided at Rule 62-213.412(2), F.A.C.

[Rule 62-213.440(1)(d)4., F.A.C.]

49. A situation arising from sudden and unforeseeable events beyond the control of the source which causes an exceedance of a technology-based emissions limitation because of unavoidable increases in emissions attributable to the situation and which requires immediate corrective action to restore normal operation, shall be an affirmative defense to an enforcement action in accordance with the provisions and requirements of 40 CFR 70.6(g)(2) and (3), hereby adopted and incorporated by reference.

[Rule 62-213.440(1)(d)5., F.A.C.]

50. Confidentiality Claims. Any permittee may claim confidentiality of any data or other information by complying with Rule 62-213.420(2), F.A.C.

[Rule 62-213.440(1)(d)6., F.A.C.]

51. Statement of Compliance. The permittee shall submit a statement of compliance with all terms and conditions of the permit. Such statement shall be submitted to the Department and EPA annually, or more frequently if specified by Rule 62-213.440(2), F.A.C., or by any other applicable requirement. The statement of compliance shall include the identity of each term or condition of the permit for which each unit has remained in compliance during the period covered by the statement. The statement shall include identification of all methods used to demonstrate compliance and identification of each term or condition of the permit for which any unit has not remained in compliance during the period covered by the statement. For each term or condition for which the source has not remained in compliance during the period covered by the statement, the statement shall also identify each unit not in compliance and each term and condition with which the unit was not in compliance and state the inclusive dates that the source was not in compliance, the actions taken to achieve compliance and the method used to demonstrate compliance. Such statement shall be accompanied by a certification by a responsible official, in accordance with Rule 62-213.420(4), F.A.C.

[Rule 62-213.440(3), F.A.C.]

52. Permit Shield. Except as provided in Chapter 62-213, F.A.C., compliance with the terms and conditions of a permit issued pursuant to Chapter 62-213, F.A.C., shall be deemed compliance with any applicable requirements in effect as of the date of permit issuance, provided that the source included such applicable requirements in the permit application. Nothing in Rule 62-213.460, F.A.C., or in any permit shall alter or affect the ability of EPA or the Department to deal with an emergency, the liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance, or the requirements of the Federal Acid Rain Program.

[Rule 62-213.460, F.A.C.]

53. Forms and Instructions. The forms used by the Department in the Title V source operation program are adopted and incorporated by reference in Rule 62-213.900, F.A.C. The form is listed by rule number, which is also the form number, and with the subject, title, and effective date. Copies of forms may be obtained by writing to the Department of Environmental Protection, Division of Air Resources Management, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, or by contacting the appropriate permitting authority.

(1) Major Air Pollution Source Annual Emissions Fee (AEF) Form.

[Rule 62-213.900(1), F.A.C.]

Chapter 62-256, F.A.C.

54. **Not federally enforceable.** Open Burning. This permit does not authorize any open burning nor does it constitute any waiver of the requirements of Chapter 62-256, F.A.C. Source shall comply with Chapter 62-256, F.A.C., for any open burning at the source.

[Chapter 62-256, F.A.C.]

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97) (continued)

Chapter 62-281, F.A.C.

55. Refrigerant Requirements. Any facility having refrigeration equipment, including air conditioning equipment, which uses a Class I or II substance (listed at 40 CFR 82, Subpart A, Appendices A and B), and any facility which maintains, services, or repairs motor vehicles using a Class I or Class II substance as refrigerant must comply with all requirements of 40 CFR 82, Subparts B and F, and with Rule 62-281.100, F.A.C. Those requirements include the following restrictions:

- (1) Any facility having any refrigeration equipment normally containing 50 (fifty) pounds of refrigerant, or more, must keep servicing records documenting the date and type of all service and the quantity of any refrigerant added pursuant to 40 CFR 82.166;
 - (2) No person repairing or servicing a motor vehicle may perform any service on a motor vehicle air conditioner (MVAC) involving the refrigerant for such air conditioner unless the person has been properly trained and certified as provided at 40 CFR 82.34 and 40 CFR 82.40, and properly uses equipment approved pursuant to 40 CFR 82.36 and 40 CFR 82.38, and complies with 40 CFR 82.42;
 - (3) No person may sell or distribute, or offer for sale or distribution, any substance listed as a Class I or Class II substance at 40 CFR 82, Subpart A, Appendices A and B, except in compliance with Rule 62-281.100, F.A.C., and 40 CFR 82.34(b), 40 CFR 82.42, and/or 40 CFR 82.166;
 - (4) No person maintaining, servicing, repairing, or disposing of appliances may knowingly vent or otherwise release into the atmosphere any Class I or Class II substance used as a refrigerant in such equipment and no other person may open appliances (except MVACs as defined at 40 CFR 82.152) for service, maintenance or repair unless the person has been properly trained and certified pursuant to 40 CFR 82.161 and unless the person uses equipment certified for that type of appliance pursuant to 40 CFR 82.158 and unless the person observes the practices set forth at 40 CFR 82.156 and 40 CFR 82.166;
 - (5) No person may dispose of appliances (except small appliances, as defined at 40 CFR 82.152) without using equipment certified for that type of appliance pursuant to 40 CFR 82.158 and without observing the practices set forth at 40 CFR 82.156 and 40 CFR 82.166;
 - (6) No person may recover refrigerant from small appliances, MVACs and MVAC-like appliances (as defined at 40 CFR 82.152), except in compliance with the requirements of 40 CFR 82, Subpart F.
- [40 CFR 82: and, Chapter 62-281, F.A.C. (Chapter 62-281, F.A.C., is not federally enforceable)]

Chapter 62-296, F.A.C.

56. **Not federally enforceable until SIP approved.** Industrial, Commercial, and Municipal Open Burning Prohibited. Open burning in connection with industrial, commercial, or municipal operations is prohibited, except when:

- (a) Open burning is determined by the Department to be the only feasible method of operation and is authorized by an air permit issued pursuant to Chapter 62-210 or 62-213, F.A.C.; or
- (b) An emergency exists which requires immediate action to protect human health and safety; or
- (c) A county or municipality would use a portable air curtain incinerator to burn yard trash generated by a hurricane, tornado, fire or other disaster and the air curtain incinerator would otherwise be operated in accordance with the permitting exemption criteria of Rule 62-210.300(3), F.A.C.

[Rule 62-296.320(3), F.A.C.]

57. Unconfined Emissions of Particulate Matter.

(4)(c)1. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any emissions unit whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.

3. Reasonable precautions may include, but shall not be limited to the following:

- a. Paving and maintenance of roads, parking areas and yards.
- b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar emissions units.
- d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the emissions unit to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- e. Landscaping or planting of vegetation.
- f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- g. Confining abrasive blasting where possible.
- h. Enclosure or covering of conveyor systems.

4. In determining what constitutes reasonable precautions for a particular facility, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.

[Rules 62-296.320(4)(c)1., 3., & 4. F.A.C.]

[electronic file name: tv-1.doc]

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 1-1, Summary of Air Pollutant Standards and Terms

Gulf Power Company
Scholz Generating Plant

DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of the permit.

E. U. ID No.	Brief Description	Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions *		Regulatory Citation(s)	See Permit Condition(s)
					Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
-001	Boiler #1 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour -Oil)	VE	Coal	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
			No. 2 Fuel Oil	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
	PM	Coal	8760	0.1 lb/MMBtu	N/A	N/A	64.6	282.9	62-296.405(1)(b)	A.7.	
		No. 2 Fuel Oil	8760	0.1 lb/MMBtu	N/A	N/A	1.2	5.4	62-296.405(1)(b)	A.7.	
	PM - SB **	Coal	3 hr/day	0.3 lb/MMBtu	N/A	N/A	193.7	358.4	62-210.700(3)	A.8.	
		No. 2 Fuel Oil	3 hr/day	0.3 lb/MMBtu	N/A	N/A	3.7	6.8	62-210.700(3)	A.8.	
	SO ₂	Coal	8760	4.75 lb/MMBtu	N/A	N/A	3,067.1	13,433.8	62-2204.240(1)	A.9.	
		No. 2 Fuel Oil	8760	0.5% Sulfur	N/A	N/A	6.1	26.3	Applicant Request	A.10.	
-002	Boiler #2 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour - Oil)	VE	Coal	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
			No. 2 Fuel Oil	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
	PM	Coal	8760	0.1 lb/MMBtu	N/A	N/A	34.4	150.8	62-296.405(1)(b)	A.7.	
		No. 2 Fuel Oil	8760	0.1 lb/MMBtu	N/A	N/A	1.2	5.4	62-296.405(1)(b)	A.7.	
	PM - SB **	Coal	3 hr/day	0.3 lb/MMBtu	N/A	N/A	103.3	188.5	62-210.700(3)	A.8.	
		No. 2 Fuel Oil	3 hr/day	0.3 lb/MMBtu	N/A	N/A	3.7	6.8	62-210.700(3)	A.8.	
	SO ₂	Coal	8760	4.75 lb/MMBtu	N/A	N/A	3,067.1	13,433.8	62-2204.240(1)	A.9.	
		No. 2 Fuel Oil	8760	0.5% Sulfur	N/A	N/A	6.1	26.3	Applicant Request	A.10.	

Notes:

* The "Equivalent Emissions" listed are for informational purposes.

** PM - SB refers to "soot blowing" and "load change".

Table 2-1, Summary of Compliance Requirements

Table 2-1, Summary of Compliance Requirements

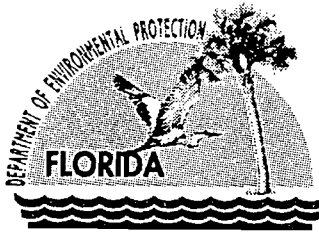
Gulf Power Company
Scholz Generating Plant

DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E. U. ID No.	Brief Description	Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time	Frequency	Min. Compliance Test Duration	CMS ¹	See Permit Condition(s)
					Frequency	Base Date ²			
-001	Boiler #1 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour -Oil)	VE	Coal	DEP method 9	Annually ³	Sept. 30	60 Minutes	Yes	A.14., 17., 18., 22., 24, 27.-29., 31.-34.
			No. 2 Fuel Oil	DEP method 9	Annually ³	Sept. 30	60 Minutes	Yes	
	PM	Coal	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No	A.19., A.24. - 29., 31., 32., 34.	
		No. 2 Fuel Oil	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No		
-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	6, 6A, 6B or 6C	Annually ³	Sept. 30	1 Hour	Yes	A.14. - 16., 20. - 34.	
		No. 2 Fuel Oil	Fuel Sampling & Analysis Provided by Vendor				Yes		
-002	Boiler #2 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hr - Oil)	VE	Coal	DEP method 9	Annually ³	Sept. 30	60 Minutes	Yes	A.14., 17., 18., 22., 24, 27.-29., 31.-34.
			No. 2 Fuel Oil	DEP method 9	Annually ³	Sept. 30	60 Minutes	Yes	
	PM	Coal	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No	A.19., A.24. - 29., 31., 32., 34.	
		No. 2 Fuel Oil	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No		
-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	6, 6A, 6B or 6C	Annually ³	Sept. 30	1 Hour	Yes	A.14. - 16., 20. - 34.	
		No. 2 Fuel Oil	Fuel Sampling & Analysis Provided by Vendor				Yes		

Notes:
¹ CMS [=] continuous monitoring system used for monitoring requirement in lieu of fuel sampling and analysis if marked 'yes'.
 (Acceptable as long as CMS is maintained and calibrated as required.)
² Frequency base date established for planning purposes only; see Rule 62-297.310, F.A.C.
³ Test not required in years that liquid and/or solid fuel fired less than 400 hours.



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

Jonathan Holtom

June 9, 1999

Mr. Robert G. Moore
Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0100

Re: Revised DRAFT Title V Permit No.: 0630014-001-AV
Scholz Electric Generating Plant

Dear Mr. Moore:

One copy of the Revised DRAFT Title V Air Operation Permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County, is enclosed. The previous DRAFT Title V Operation Permit dated September 30, 1997, is withdrawn. The permitting authority's "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" is also included.

The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" must be published as soon as possible. This issue is important in order for you to receive your revised Title IV Acid Rain permit by January 1, 2000, for the inclusion of the Phase I/II NO_x limitations pursuant to Rule 62-214.360(6), Florida Administrative Code. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Scott M. Sheplak, P.E., at the above letterhead address. If you have any other questions, please contact Jonathan Holtom, P.E. at 850/921-9531.

Sincerely,

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/h

Enclosures

cc: Ms. Carla E. Pierce, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)
Ms. Gracy Danois, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

In the Matter of an
Application for Permit by:

Gulf Power Company
One Energy Place
Pensacola, FL 32520-0100

Revised DRAFT Permit No.: 0630014-001-AV
Scholz Electric Generating Plant
Jackson County

INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit (copy of DRAFT Permit enclosed) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Gulf Power Company, applied on June 14, 1996, to the permitting authority for a Title V air operation permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. The applicant submitted the Phase I/II NO_x Acid Rain Compliance Plan on December 22, 1997. This permit incorporates the Phase I/II NO_x standards into the Title IV Acid Rain Part pursuant to Rule 62-214.360(6), Florida Administrative Code (F.A.C.).

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V air operation permit is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V air operation permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-1344; Fax: 850/922-6979), within 7 (seven) days of publication. Failure to publish the notice and provide proof of

publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106, F.A.C.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the attached Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of how and when each petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation will not be available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.


Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator

separately approves any variance or waiver in accordance with the procedures of the federal program.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Tallahassee, Florida.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION**



C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT permit) and all copies were sent by certified mail before the close of business on 6/11/99, to the person(s) listed:

Mr. Robert G. Moore, Gulf Power Company
Ms. Gail Kamaras, Legal Environmental Assistance Foundation

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the DRAFT permit) were sent by U.S. mail on the same date to the person(s) listed:

Mr. Kennard Kosky, P.E., Golder Associates
Mr. G. Dwain Waters, Gulf Power Company
Mr. Ed K. Middleswart, P.E., DEP, Northwest District Office

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency Clerk, receipt of which is hereby acknowledged.

Barbara J. Bentwell 6/11/99
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Title V Revised DRAFT Permit No.: 0630014-001-AV
Scholz Electric Generating Plant
Jackson County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit to Gulf Power Company for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. This permit incorporates the Phase I/II NO_x standards into the Title IV Acid Rain Part pursuant to Rule 62-214.360(6), Florida Administrative Code (F.A.C.). The applicant's name and address are: Gulf Power Company, One Energy Place, Pensacola, Florida 32520.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed Title V DRAFT Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.).

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address and telephone number of the petitioner; name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during

the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination;

(c) A statement of how and when the petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so state;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief; and

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114
Fax: 850/922-6979

Affected District/Local Program:

Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501-5794
Telephone: 850/595-8300
Fax: 850/595-4417

The complete project file includes the revised DRAFT Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Scott M. Sheplak, P.E., at the above address, or call 850/921-9532, for additional information.



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

May XX, 1999

Mr. Robert G. Moore
Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0100

Re: Revised DRAFT Title V Permit No.: 0630014-001-AV
Scholz Electric Generating Plant

Dear Mr. Moore:

One copy of the Revised DRAFT Title V Air Operation Permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County, is enclosed. The previous DRAFT Title V Operation Permit dated September 30, 1997, is withdrawn. The permitting authority's "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" is also included.

The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" must be published as soon as possible. This issue is important in order for you to receive your revised Title IV Acid Rain permit by January 1, 2000, for the inclusion of the Phase I/II NO_x limitations pursuant to Rule 62-214.360(6), Florida Administrative Code. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Scott M. Sheplak, P.E., at the above letterhead address. If you have any other questions, please contact Jonathan Holtom, P.E. at 850/921-9531.

Sincerely,

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/h

Enclosures

cc: Ms. Carla E. Pierce, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)
Ms. Gracy Danois, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

In the Matter of an
Application for Permit by:

Gulf Power Company
One Energy Place
Pensacola, FL 32520-0100

Revised DRAFT Permit No.: 0630014-001-AV
Scholz Electric Generating Plant
Jackson County

INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit (copy of DRAFT Permit enclosed) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Gulf Power Company, applied on June 14, 1996, to the permitting authority for a Title V air operation permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. The applicant submitted the Phase I/II NO_x Acid Rain Compliance Plan on December 22, 1997. This permit incorporates the Phase I/II NO_x standards into the Title IV Acid Rain Part pursuant to Rule 62-214.360(6), Florida Administrative Code (F.A.C.).

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V air operation permit is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V air operation permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "**PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT.**" The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-1344; Fax: 850/922-6979), within 7 (seven) days of publication. Failure to publish the notice and provide proof of

publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106, F.A.C.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the attached Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of how and when each petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation will not be available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator

separately approves any variance or waiver in accordance with the procedures of the federal program.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Tallahassee, Florida.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION**

C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT permit) and all copies were sent by certified mail before the close of business on _____, to the person(s) listed:

Mr. Robert G. Moore, Gulf Power Company
Ms. Gail Kamaras, Legal Environmental Assistance Foundation

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the DRAFT permit) were sent by U.S. mail on the same date to the person(s) listed:

Mr. Kennard Kosky, P.E., Golder Associates
Mr. G. Dwain Waters, Gulf Power Company
Mr. Ed K. Middleswart, P.E., DEP, Northwest District Office

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency Clerk, receipt of which is hereby acknowledged.

(Clerk) _____
(Date)

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Title V Revised DRAFT Permit No.: 0630014-001-AV
Scholz Electric Generating Plant
Jackson County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit to Gulf Power Company for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. This permit incorporates the Phase I/II NO_x standards into the Title IV Acid Rain Part pursuant to Rule 62-214.360(6), Florida Administrative Code (F.A.C.). The applicant's name and address are: Gulf Power Company, One Energy Place, Pensacola, Florida 32520.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed Title V DRAFT Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.).

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address and telephone number of the petitioner; name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during

the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination;

(c) A statement of how and when the petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so state;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief; and

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114
Fax: 850/922-6979

Affected District/Local Program:

Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501-5794
Telephone: 850/595-8300
Fax: 850/595-4417

The complete project file includes the DRAFT Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Scott M. Sheplak, P.E., at the above address, or call 850/921-9532, for additional information.

STATEMENT OF BASIS

Gulf Power Company
Scholz Electric Generating Plant
Facility ID No.: 0630014
Escambia County

Initial Title V Air Operation Permit
Revised DRAFT Permit No.: 0630014-001-AV

This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

This facility consists of two coal fired steam generators (boilers). The two boilers are Acid Rain Phase I substitution units and Acid Rain Phase II Units. Pulverized coal is the primary fuel for the boilers. Distillate fuel oil is used as a "back-up" fuel for the boilers. Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

Emissions unit number -001 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 1". It is rated at a maximum heat input of 645.7 million Btu per hour (MMBtu/hour) when firing pulverized coal and 12.4 MMBtu/hour when firing distillate fuel oil (used as back-up fuel). Emissions unit number -002 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 2". It is rated at a maximum heat input of 645.7 million Btu per hour (MMBtu/hour) when firing pulverized coal and 12.4 MMBtu/hour when firing distillate fuel oil (used as back-up fuel). Both units are Phase I Substitution and Phase II Acid Rain Units. These emissions units pre-date PSD regulations, but are regulated under Rule 62-296.405, F.A.C., Fossil Fuel Fired Steam Generators with more than 250 million Btu per Hour Heat Input. Particulate matter emissions from each unit are controlled by a single stage, high voltage, cold side electrostatic precipitator (Buell Model # BAL 2X38L-44-2P).

The heat input limitations have been placed in the permit to identify the capacity of each emissions unit for the purposes of confirming that emissions testing is conducted within 90 to 100 percent of the emissions unit's rated capacity (or to limit future operation to 110 percent of the test load), to establish appropriate emissions limits and to aid in determining future rule applicability. A note below the permitted capacity condition clarifies this. Regular record keeping is not required for heat input. Instead, the owner or operator is expected to determine heat input whenever emission testing is required to demonstrate at what percentage of the rated capacity that the emissions unit was tested. Rule 62-297.310(5), F.A.C., included in the permit, requires measurement of process variables for emissions tests. Such heat input determination may be based on measurements of fuel consumption by various methods including but not limited to fuel flow metering or tank drop measurements, using the heat value of the fuel determined by the fuel vendor or the owner or operator, to calculate average hourly heat input during the test.

Also included in this permit are miscellaneous unregulated/exempt emissions units and/or activities.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

**Gulf Power Company
Scholz Electric Generating Plant
Facility ID No.: 0630014
Jackson County**

**Initial Title V Air Operation Permit
Revised DRAFT Permit No.: 0630014-001-AV**

Permitting Authority

State of Florida
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
Title V Section

Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Telephone: 850/488-0114
Fax: 850/922-6979

Initial Title V Air Operation Permit

Revised DRAFT Permit No.: 0630014-001-AV

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Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

Permittee:
Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0100

Revised DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014
SIC Nos.: 49, 4911
Project: Initial Title V Air Operation Permit

This permit is for the operation of the Scholz Electric Generating Plant. This facility is located at 1460 Gulf Power Road, Jackson County; UTM Coordinates: Zone 16, 702.45 km East and 3394.60 km North; Latitude: 30° 40' 08" North and Longitude: 84° 53' 13" West.

STATEMENT OF BASIS: This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix I-1, List of Insignificant Emissions Units and/or Activities
Appendix U-1, List of Unregulated Emissions Units and/or Activities
Phase II Acid Rain Permit Application/Compliance Plan Received December 8, 1995
Appendix SO-1, Secretarial ORDER(s)
Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)
Appendix TV-2, Title V Conditions (version dated 11/10/98)
ASP Number 97-B-01
Scrivener's Order Correcting ASP Number 97-B-01 (dated July 9, 1997)
Phase II Acid Rain NO_x Compliance Plan Received December 22, 1997
Appendix CP-1, Alternate Phase II Acid Rain NO_x Compliance Plan

Effective Date: January 1, 2000
Renewal Application Due Date: July 5, 2004
Expiration Date: December 31, 2004

Howard L. Rhodes, Director,
Division of Air Resources Management

HLR/sms/jh

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of two coal fired steam generators (boilers). The two boilers are Acid Rain Phase I substitution units and Acid Rain Phase II Units. Pulverized coal is the primary fuel for the boilers. Distillate fuel oil is used as a "back-up" fuel for the boilers. Also included in this permit are miscellaneous unregulated/exempt emissions units and/or activities.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

The use of 'Permitting Notes' throughout this permit are for informational purposes, only, and are not permit conditions.

Subsection B. Summary of Emissions Unit ID Numbers and Brief Descriptions.

<u>E.U. ID</u>	<u>Brief Description</u>
-001	Boiler Number 1 - 645.7 MMBtu/hour (Phase I & Phase II Acid Rain Unit)
-002	Boiler Number 2 - 645.7 MMBtu/hour (Phase I & Phase II Acid Rain Unit)
-aaa	Material Handling of Coal and Ash (See Appendix U-1)
-bbb	Fugitive PM Sources - On-site Vehicles (See Appendix U-1)
-ccc	General Purpose Internal Combustion Engines (See Appendix U-1)

Please reference the Permit Number, the Facility Identification Number, and the appropriate Emissions Unit(s) ID Number(s) on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The following documents are part of this permit:

Appendix I-1, List of Insignificant Emissions Units and/or Activities
Appendix U-1, List of Unregulated Emissions Units and/or Activities
Phase II Acid Rain Permit Application/Compliance Plan Received December 8, 1995
Phase II Acid Rain NO_x Compliance Plan Received December 22, 1997
Appendix CP-1, Alternate Phase II Acid Rain NO_x Compliance Plan
Appendix SO-1, Secretarial ORDER(s)
Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)
Appendix TV-2, Title V Conditions (version dated 11/10/98)
ASP Number 97-B-01
Scrivener's Order Correcting ASP Number 97-B-01 (dated July 9, 1997)

{Permitting Note: The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.}

These documents are provided to the permittee for informational purposes only:

Appendix H-1, Permit History / ID Number Transfers

Phase I Acid Rain Permits Issued December 27, 1994

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers (version dated 2/5/97)

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Summary of Compliance Requirements

These documents are on file with the permitting authority:

Initial Title V Permit Application Received June 14, 1996

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. Appendix TV-2, Title V Conditions, is a part of this permit.

{Permitting note: Appendix TV-2, Title V Conditions is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate. If desired, a copy of Appendix TV-2, Title V Conditions can be downloaded from the Division of Air Resources Management's Internet Web site located at either of the following addresses:

"<http://www2.dep.state.fl.us/air/enhancd/permitting/TitleVperm.htm>"

"<http://www2.dep.state.fl.us/air/litesite/TitleVperm.htm>".}

2. **Not federally enforceable. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited.** The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

[Rule 62-296.320(2), F.A.C.]

3. **Prevention of Accidental Releases (Section 112(r) of CAA).**

- a) The permittee shall submit to the Chemical Emergency Preparedness and Prevention Office (CEPPO) Records Center a risk management plan (RMP) when, and if, such requirement becomes applicable ; and
- b) The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

4. **Insignificant Emissions Units and/or Activities.** Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.

[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]

5. **Unregulated Emissions Units and/or Activities.** Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.

[Rule 62-213.440(1), F.A.C.]

6. **General Pollutant Emission Limiting Standards.** Volatile Organic Compounds Emissions or Organic Solvents Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

{Permitting Note: No vapor emission control devices or systems are deemed necessary nor ordered by the Department as of the issuance date of this permit.}

[Rule 62-296.320(1)(a), F.A.C.]

7. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]

8. **Not federally enforceable.** Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

- a) Grassing over each section of the ash landfill as it reaches its capacity.
- b) Regular packing of the coal pile to reduce blowing dust and aid in the prevention of coal fires.
- c) Application of a dust suppressant to the coal on the conveyor belts as necessary.

[Rules 62-296.320(4)(c)2., F.A.C.; and, Proposed by applicant in initial Title V permit application received June 14, 1996.]

{Permitting Note: Condition No. 8 presents the reasonable precautions to be implemented in accordance with Rule 62-296.320(4)(c), F.A.C., in lieu of the requirements of Condition No. 58 of Appendix TV-2.}

9. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.
[Rule 62-213.440, F.A.C.]

10. The Department's Northwest District Branch Office (Panama City) telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 872-4375, day or night, and for emergencies involving a significant threat to human health or the environment is (850) 413-9911. The Department's Northwest District Office (Pensacola) telephone number for routine business, including compliance test notifications, is (850) 595-8364 during normal working hours.

11. The permittee shall submit all compliance related notifications and reports required of this permit (other than Acid Rain Program Information) to the Department's Northwest District office:

Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501-5794
Telephone: 850/444-8364
Fax: 850/444-8417

Acid Rain Program Information shall be submitted, as necessary, to:

Department of Environmental Protection
2600 Blair Stone Road
Mail Station #5510
Tallahassee, Florida 32399-2400
Telephone: 850/488-6140
Fax: 850/922-6979

12. Any reports, data, notifications, certifications, and requests (other than Acid Rain Program Information) required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency, Region 4
Air, Pesticides & Toxics Management Division
Operating Permits Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9099
Fax: 404/562-9095

Acid Rain Program Information should be sent to:

United States Environmental Protection Agency, Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch, Air Compliance Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9055
Fax: 404/562-9164

13. Fencing Requirements. Computer modeling results indicate a modeled violation of the State of Florida's 24-hour sulfur dioxide ambient air quality standards within the property boundaries of this plant. In order to protect the general public, barrier fencing shall be installed and maintained along the property boundaries of the plant so as to prevent access to the areas of concern. If it is not feasible to maintain a fence along the shoreline of the river, posted "No Trespassing" notices, combined with a regular patrol, is an acceptable alternative.

[Accepted by Permittee in-lieu of a reduction to the allowable emissions limitations.]

Section III. Emissions Units and Conditions.

Subsection A. This section addresses the following emissions units.

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-001	Boiler Number 1 (Phase I Substitution & Phase II Acid Rain Unit)
-002	Boiler Number 2 (Phase I Substitution & Phase II Acid Rain Unit)

Emissions unit number -001 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 1". It is rated at a maximum heat input of 645.7 million Btu per hour (MMBtu/hour) when firing pulverized coal or distillate fuel oil (used as back-up fuel). Emissions unit number -002 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 2". It is rated at a maximum heat input of 645.7 million Btu per hour (MMBtu/hour) when firing pulverized coal or distillate fuel oil (used as back-up fuel). Both units are Phase I Substitution and Phase II Acid Rain Units.

{Permitting notes: These emissions units are regulated under Acid Rain, Phase I and Phase II. These emissions units pre-date PSD regulations, but are regulated under Rule 62-296.405, F.A.C., Fossil Fuel Fired Steam Generators with more than 250 million Btu per Hour Heat Input. Particulate matter emissions from each unit are controlled by a single stage, high voltage, cold side electrostatic precipitator (Buell Model # BAL 2X38L-44-2P). Unit 1 began commercial operation on February 24, 1953. Unit 2 began commercial operation on October 26, 1953. Units 1 and 2 share a common stack. Stack height = 150 feet, exit diameter = 13.5 feet, exit temperature = 330 °F, actual volumetric flow rate = 346,900 acfm.}

{Permitting Note: In addition to the requirements listed below, these emissions units are also subject to the standards and requirements contained in the Acid Rain Part of this permit (see Section IV).}

The following specific conditions apply to the emissions units listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum operation heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
-001	645.7	Coal
	12.4	No. 2 Fuel Oil
	12.4	On-Specification Used Oil
-002	645.7	Coal
	12.4	No. 2 Fuel Oil
	12.4	On-Specification Used Oil

{Permitting note: The heat input limitations have been placed in each permit to identify the capacity of each unit for the purposes of confirming that emissions testing is conducted within 90 to 100 percent of the unit's rated capacity (or to limit future operation to 110 percent of the test load), to establish appropriate emission limits and to aid in determining future rule applicability. Regular record keeping is not required for heat input. Instead, the owner or operator is expected to determine heat input whenever emission testing is required, in order to demonstrate what percentage of the rated capacity that the unit was tested. Rule 62-297.310(5), F.A.C., included in the permit, requires measurement of the process variables for emission tests. Such heat input determination may be based on measurements of fuel consumption by various methods including but not limited to fuel flow metering or tank drop measurements, using the heat value of the fuel determined by the fuel vendor or the owner or operator, to calculate average hourly heat input during the test.}

[Rules 62-4.160(2), 62-210.200(PTE) & 62-296.405, F.A.C.; permits AC32-2004 & AC32-2005; and, Applicant's request in initial Title V permit application received June 14, 1996.]

A.2. Emissions Unit Operating Rate Limitation After Testing. See specific condition **A.29**.
[Rule 62-297.310(2), F.A.C.]

A.3. Methods of Operation - Fuels. The fuels that are allowed to be burned in these boilers are coal and/or new No. 2 fuel oil and/or on-specification used oil (see specific condition **A.36**). Fuel oil is only used for periods of start-up and as needed for flame stabilization. Also, on-site generated "oil contaminated soil" is periodically combusted for energy recovery purposes.
[Rule 62-213.410, F.A.C.; and, Applicant's request in initial Title V permit application dated June 14, 1996.]

A.4. Hours of Operation. These emissions units may operate continuously, i.e. 8760 hours/year. For each emissions unit, the permittee shall maintain an operation log available for Department inspection that documents the total hours of annual operation, including a detailed account of the hours operated on each of the allowable fuels.
[Rules 62-213.440 & 62-210.200(PTE), F.A.C.; and, Applicant's request in initial Title V application received June 14, 1996.]

Emission Limitations and Standards

{Permitting Note: The attached Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.5. Visible Emissions. Visible emissions shall not exceed 40 percent opacity. Because units 1 and 2 share a common stack, visible emissions violations from the stack will be attributed to both units unless opacity meter results show the specific unit causing the violation.
[Rule 62-296.405(1)(a), F.A.C.; and, Secretarial ORDER(s) signed October 18, 1985; and, AO32-211311, Specific Condition 11.]

A.6. Visible Emissions - Soot Blowing and Load Change. Visible emissions shall not exceed 60 percent opacity during the 3-hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit's rated capacity and which occurs at a rate of 0.5 percent per minute or more.

Visible emissions above 60 percent opacity shall be allowed for not more than 4, six (6)-minute periods, during the 3-hour period of excess emissions allowed for boiler cleaning and load changes, at units which have installed continuous opacity monitors.

[Rule 62-210.700(3), F.A.C.]

A.7. Particulate Matter. Particulate matter emissions shall not exceed 0.1 pound per million Btu heat input, as measured by applicable compliance methods.

[Rule 62-296.405(1)(b), F.A.C.]

A.8. Particulate Matter - Soot Blowing and Load Change. Particulate matter emissions shall not exceed an average of 0.3 pound per million Btu heat input during the 3-hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

[Rule 62-210.700(3), F.A.C.]

A.9. Sulfur Dioxide - Solid Fuel. When burning solid fuel, sulfur dioxide emissions shall not exceed 6.17 pounds per million Btu heat input, as measured by applicable compliance methods. Because this allowable emission rate indicates exceedences (through dispersion modeling) of the State of Florida's Ambient Air Quality Standards within plant property boundaries, precautions must be maintained to preclude public access to the property (see **Facility Condition 13.**).

[Rules 62-204.240(1), 62-213.440 & 62-296.405(1)(c)2.d., F.A.C.]

A.10. Sulfur Dioxide - Liquid Fuel. When burning liquid fuel, sulfur dioxide emissions shall not exceed 2.75 pounds per million Btu heat input, as measured by applicable compliance methods.

[Rule 62-296.405(1)(c)1.j., F.A.C.]

A.11. Sulfur Dioxide - Sulfur Content. The No. 2 fuel oil sulfur content shall not exceed 0.5 percent, by weight, as measured by applicable test methods.

[Applicant request in initial Title V permit application received June 14, 1996.]

Excess Emissions

A.12. Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

A.13. Excess emissions resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.

[Rule 62-210.700(2), F.A.C.]

A.14. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

Monitoring of Operations

{Permitting Note: In accordance with the Acid Rain Phase II requirements, the following continuous monitors are installed on these units: SO₂, NO_x, CO₂ and stack gas flow.}

A.15. Continuous Monitors. These emissions units shall operate and maintain continuous monitoring systems for monitoring opacity and CO₂.

[Rule 62-296.405(1)(f)1., F.A.C.]

A.16. Sulfur Dioxide. Those emissions units not having an operating flue gas desulfurization device may monitor sulfur dioxide emissions by fuel sampling and analysis according to methods approved by the EPA. **The permittee elected to satisfy the monitoring requirements using SO₂ continuous emissions monitors. In addition, compliance with the liquid fuel sulfur limit will be verified by a fuel analysis provided by the vendor upon each fuel delivery (see specific condition A.24.).**

[Rule 62-296.405(1)(f)1.b., F.A.C.]

Required Tests, Test Methods and Procedures

{Permitting Note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.17.. Annual Tests Required. Units -001 and -002 must be tested annually for SO₂ and PM emissions in accordance with the requirements listed below.

A.18. Visible Emissions. The test method for visible emissions shall be DEP Method 9 (see specific condition **A.19.**), incorporated in Chapter 62-297, F.A.C. A transmissometer may be used and calibrated according to Rule 62-297.520, F.A.C. **The Permittee has elected to utilize a transmissometer (opacity meter) for demonstrating compliance with the visible emissions limit.** As long as the transmissometer is calibrated, maintained, and operated in accordance with Performance Specification 1 of 40 CFR 60, Appendix B (see specific condition **A.23.**), the annual test for visible emissions is not required.

[Rules 62-213.440 and 62-296.405(1)(e)1., F.A.C.]

A.19. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.
2. EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 percent opacity, except that an opacity of 40 percent is permissible for not more than two minutes per hour) opacity shall be computed as follows:
 - a. For the basic part of the standard (i.e., 20 percent opacity) the opacity shall be determined as specified above for a single-valued opacity standard.
 - b. For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value.

[Rules 62-297.310, and 62-297.401, F.A.C.]

A.20. Particulate Matter. The test methods for particulate matter emissions shall be EPA Methods 17, 5, 5B, or 5F, incorporated by reference in Chapter 62-297, F.A.C. The minimum sample volume shall be 30 dry standard cubic feet. EPA Method 5 may be used with filter temperature no more than 320 degrees Fahrenheit. For EPA Method 17, stack temperature shall be less than 375 degrees Fahrenheit. The owner or operator may use EPA Method 5 to demonstrate compliance. EPA Method 3 or 3A with Orsat analysis shall be used when the oxygen based F-factor, computed according to EPA Method 19, is used in lieu of heat input. Acetone wash shall be used with EPA Method 5 or 17.

[Rules 62-213.440, 62-296.405(1)(e)2., 62-297.310, and 62-297.401, F.A.C.]

A.21. Sulfur Dioxide. The test methods for sulfur dioxide emissions shall be EPA Methods 6, 6A, 6B, or 6C, incorporated by reference in Chapter 62-297, F.A.C. Fuel sampling and analysis may be used as an alternate sampling procedure if such a procedure is incorporated into the operation permit for the emissions unit. If the emissions unit obtains an alternate procedure under the provisions of Rule 62-297.620, F.A.C., the procedure shall become a condition of the emissions unit's permit. The Department will retain the authority to require EPA Method 6 or 6C if it has reason to believe that exceedences of the sulfur dioxide emissions limiting standard are occurring. Results of an approved fuel sampling and analysis program shall have the same effect as EPA Method 6 test results for purposes of demonstrating compliance or noncompliance with sulfur dioxide standards.

[Rules 62-213.440, 62-296.405(1)(e)3., & 62-297.310, 62-297.401, F.A.C.; and, AO32-211311.]

{Permitting Note: The permittee has elected to demonstrate compliance by means of a continuous emissions monitoring system (CEMS). In addition to any other requirements associated with the operation and maintenance of these CEMS (i.e., Acid Rain requirements), operation of the CEMS shall be in accordance with the requirements listed below. The annual calibration RATA associated with these CEMS may be used in lieu of the required annual EPA Reference Method 6, as long as all of the requirements of Rule 62-297.310, F.A.C., are met (i.e., prior test notification, proper test result submittal, etc.).}

A.22. Continuous SO₂ emission monitoring 24-hour averages are required to demonstrate compliance with the standards of the Department (see specific conditions **A.9.** & **A.10.**). A valid 24-hour average shall consist of no less than 18 hours of valid data capture per calendar day. In the event that valid data capture is interrupted, the permittee shall immediately initiate as-fired fuel sampling to demonstrate compliance with the SO₂ emissions standard. As-fired fuel sampling shall continue until such time as valid data capture is restored. In lieu of as-fired fuel sampling, the permittee may elect to demonstrate SO₂ emissions compliance by the temporary use of a spare SO₂ emissions monitor. The spare, previously calibrated, SO₂ emissions monitor must be installed and collecting data in the same time frame as required above for as-fired fuel sampling.

The permittee shall maintain a quality control (QC) program. At a minimum, the QC program must include written procedures which shall describe in detail complete, step-by-step procedures and operations for each of the following activities:

1. Calibration of CEMS.
2. Calibration Drift (CD) determination and adjustment of CEMS.
3. Preventative maintenance of CEMS (including spare parts inventory).
4. Data recording, calculations and reporting.
5. Accuracy audit procedures including sampling-and analysis methods.
6. Program of corrective action for malfunctioning CEMS.

[Rules 62-213.440, 62-204.800(7)(e)5., and 62-296.405(1)(f)1.b., F.A.C.; and, AO32-211311.]

A.23. Continuous Monitor Performance Specifications. If continuous monitoring systems are required by rule or are elected by the permittee to be used for demonstrating compliance with the standards of the Department, they must be installed, maintained and calibrated, either:

- (a) in accordance with the EPA performance specifications listed below. These Performance Specifications are contained in 40 CFR 60, Appendix B, and are adopted by reference in Rule 62-204.800, F.A.C.
 - (1) Performance Specification 1--Specifications and Test Procedures for Opacity Continuous Emission Monitoring Systems in Stationary Sources.
 - (2) Performance Specification 2--Specifications and Test Procedures for SO₂ Continuous Emission Monitoring Systems in Stationary Sources.
 - (3) Performance Specification 3--Specifications and Test Procedures for CO₂ Continuous Emission Monitoring Systems in Stationary Sources. Or,
- (b) in accordance with the applicable requirements of 40 CFR 75, Subparts B and C. Missing data shall be substituted in a manner pursuant to 40 CFR 75, Subpart D. Record keeping and reporting shall be conducted pursuant to 40 CFR 75, Subparts F and G. Excess emissions pursuant to Rule 62-210.700, F.A.C., shall be determined using the 40 CFR part 75 CEMS.

[Rule 62-297.520, F.A.C.; 40 CFR 75; and, Applicant request.]

A.24. Fuel Sampling and Analysis. The following fuel sampling and analysis protocol shall be used as an alternate sampling procedure authorized by permit to demonstrate compliance with the sulfur dioxide standard in the event that the SO₂ continuous emissions monitor is not able to capture valid data:

- a. Determine and record the as-fired fuel sulfur content, percent by weight, for liquid fuels using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition, to analyze a representative sample of the blended fuel following each fuel delivery. **Compliance with the liquid fuel sulfur limit established in specific condition A.11. shall be verified with a fuel analysis provided by the vendor upon each fuel oil delivery.**
- b. Determine and record the as-fired fuel sulfur content, percent by weight, for coal using ASTM D2013-72 and either ASTM D3177-75 or ASTM D4239-85, or the latest edition, to analyze a representative sample of the blended as-fired pulverized coal.
- c. Determine and record the density (using ASTM D 1298-80, or equivalent) and the calorific heat value in Btu per pound (using ASTM D 240-76, or the latest edition) of the fuel oil combusted.
- d. Determine and record the calorific heat value in Btu per pound of the blended, as-fired pulverized coal using ASTM D2013-72 and either ASTM D2015-77 or D3286-(latest version), or the latest edition.
- e. Record daily the amount of each fuel fired, the density of the fuel oil, the heating value of each fuel fired, and the percent sulfur content, by weight, of each fuel fired.
- f. Utilize the information in a., b., c., d. and e., above, to calculate the SO₂ emission rate to ensure compliance at all times.

[Rules 62-213.440, 62-296.405(1)(e)3., 62-296.405(1)(f)1.b. and 62-297.440, F.A.C.]

A.25. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

2. For excess emission limitations for particulate matter specified in Rule 62-210.700, F.A.C., a compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emissions unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator does not burn liquid and/or solid fuel for more than 400 hours other than during startup.
3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:
 - a. Did not operate; or
 - b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.
4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

- a. Visible emissions, if there is an applicable standard;
 - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
 - c. Each NESHAP pollutant, if there is an applicable emission standard.
5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours.
9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.
- (b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.
- (c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.
- [Rule 62-297.310(7), F.A.C.; and, SIP Approved.]

Compliance Test Requirements

A.26. Determination of Process Variables.

- (a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

{Permitting Note: The permittee and the Department agree that the CEMS used for the federal Acid Rain Program conservatively overestimates the heat input for this unit. The monitoring data for heat input is therefore not appropriate for purposes of compliance, including annual compliance certification.}

A.27. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.

[Rule 62-297.310(6), F.A.C.]

A.28. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.

[Rule 62-297.310(1), F.A.C.]

A.29. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

A.30. Applicable Test Procedures.

(a) **Required Sampling Time.**

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.
2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period

during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

- a. For batch, cyclical processes, or other operations which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.
 - b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.
 - c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.
- (b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.
- (c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.
- (d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1.
- (e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.

[Rule 62-297.310(4), F.A.C.]

TABLE 297.310-1
CALIBRATION SCHEDULE

ITEM	MINIMUM CALIBRATION FREQUENCY	REFERENCE INSTRUMENT	TOLERANCE
Liquid in glass thermometer	Annually	ASTM Hg in glass ref. thermometer or equivalent, or thermometric points	+/-2%
Bimetallic thermometer	Quarterly	Calib. liq. in glass thermometer	5 degrees F
Thermocouple	Annually	ASTM Hg in glass ref. thermometer, NBS calibrated reference and potentiometer	5 degrees F
Barometer	Monthly	Hg barometer or NOAA station	+/-1% scale
Pitot Tube	When required or when damaged	By construction or measurements in wind tunnel D greater than 16" and standard pitot tube	See EPA Method 2, Fig. 2-2 & 2-3
Probe Nozzles	Before each test or when nicked, dented, or corroded	Micrometer	+/-0.001" mean of at least three readings Max. deviation between readings .004"
Dry Gas Meter and Orifice Meter	1. Full Scale: When received, When 5% change observed, Annually 2. One Point: Semiannually 3. Check after each test series	Spirometer or calibrated wet test or dry gas test meter	2%
		Comparison check	5%

Recordkeeping and Reporting Requirements

A.31. The owner or operator shall maintain continuous records of fuel consumption and each analysis that provides the heating value and sulfur content for all fuels fired. These records must be of sufficient detail to determine compliance with the allowable sulfur dioxide emission limitations.

[Rules 62-213.440 & 62-4.070(3), F.A.C.]

A.32. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

A.33. Submit to the Department a written report of emissions in excess of emission limiting standards as set forth in Rule 62-296.405(1), F.A.C., for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

[Rules 62-213.440 and 62-296.405(1)(g), F.A.C.]

A.34. A maintenance log of the continuous monitoring systems shall be kept showing the following:

- a. Time out of service.
- b. Calibration and adjustments.

[Rule 62-213.440, F.A.C.; and, AO32-211311, specific condition 8.]

A.35. Test Reports.

- (a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.
- (b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.
- (c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:
 1. The type, location, and designation of the emissions unit tested.
 2. The facility at which the emissions unit is located.
 3. The owner or operator of the emissions unit.
 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
 5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
 6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.

7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.
11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

Miscellaneous Conditions.

A.36. Used Oil. Burning of on-specification used oil is allowed in this emissions unit in accordance with all other conditions of this permit and the following conditions:

- a. **On-specification Used Oil Emissions Limitations:** This emissions unit is permitted to burn on-specification used oil, which contains a PCB concentration of less than 50 ppm. On-specification used oil is defined as used oil that meets the specifications of 40 CFR 279 - Standards for the Management of Used Oil, listed below. "Off-specification" used oil shall not be burned. Used oil which fails to comply with any of these specification levels is considered "off-specification" used oil.

CONSTITUENT/PROPERTY	ALLOWABLE LEVEL
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	1000 ppm maximum
Flash point	100 degrees F minimum

- b. **Quantity Limitation:** This emissions unit is permitted to burn “on-specification” used oil that is generated by Gulf Power Company, not to exceed 50,000 gallons per calendar year in each boiler (-004 & -005).
- c. **PCB Limitation:** Used oil containing a PCB concentration of 50 or more ppm shall not be burned at this facility. Used oil shall not be blended to meet this requirement.
- d. **Operational Requirements:** On-specification used oil with a PCB concentration of 2 to less than 50 ppm shall be burned only at normal source operating temperatures. On-specification used oil with a PCB concentration of 2 to less than 50 ppm shall not be burned during periods of startup or shutdown.
- e. **Testing Requirements:** For each batch of used oil to be burned, the owner or operator must be able to demonstrate that the used oil qualifies as on-specification used oil and that the PCB content is less than 50 ppm.

The requirements of this demonstration are governed by the following federal regulations:

Analysis of used oil fuel. A generator, transporter, processor/re-refiner, or burner may determine that used oil that is to be burned for energy recovery meets the fuel specifications of Sec. 279.11 by performing analyses or obtaining copies of analyses or other information documenting that the used oil fuel meets the specifications.

[40 CFR 279.72(a)]

Testing of used oil fuel. Used oil to be burned for energy recovery is presumed to contain quantifiable levels (2 ppm) of PCB unless the marketer obtains analyses (testing) or other information that the used oil fuel does not contain quantifiable levels of PCBs.

- (i) The person who first claims that a used oil fuel does not contain quantifiable level (2 ppm) PCB must obtain analyses or other information to support that claim.
- (ii) Testing to determine the PCB concentration in used oil may be conducted on individual samples, or in accordance with the testing procedures described in Sec. 761.60(g)(2). However, for purposes of this part, if any PCBs at a concentration of 50 ppm or greater have been added to the container or equipment, then the total container contents must be considered as having a PCB concentration of 50 ppm or greater for purposes of complying with the disposal requirements of this part.

- (iii) Other information documenting that the used oil fuel does not contain quantifiable levels (2 ppm) of PCBs may consist of either personal, special knowledge of the source and composition of the used oil, or a certification from the person generating the used oil claiming that the oil contains no detectable PCBs.

[40 CFR 761.20(e)(2)]

When testing is required, the owner or operator shall sample and analyze each batch of used oil to be burned for the following parameters:

Arsenic, cadmium, chromium, lead, total halogens, flash point and PCBs:

Testing (sampling, extraction and analysis) shall be performed using approved methods specified in EPA Publication SW-846 (Test Methods for Evaluating Solid Waste, Physical/Chemical Methods).

Additionally, the owner or operator shall sample and analyze each batch of used oil to be burned for the sulfur content (by weight), density and heat content in accordance with applicable test methods (see specific condition A.24.).

- f. Record Keeping Requirements: The owner or operator shall obtain, make, and keep the following records related to the use of used oil in a form suitable for inspection at the facility by the Department:
- (1) The gallons of on-specification used oil placed into inventory to be burned and the gallons of on-specification used oil burned each month, and
 - (2) For each deposit of used oil, results of the analyses as required by the above conditions, or
 - (3) Other information, besides testing, used to make a claim that the used oil meets the requirements of on-specification used oil or that the used oil contains less than 50 ppm of PCBs.

[40 CFR 279.72(b), 40 CFR 279.74(b) and 40 CFR 761.20(e)]

- g. Reporting Requirements: The owner or operator shall submit, with the Annual Operation Report form, the analytical results required above and the total amount of on-specification used oil placed into inventory to be burned and the total amount of on-specification used oil burned during the previous calendar year.

[Rules 62-4.070(3) and 62-213.440, F.A.C.; and, 40 CFR 279 and 40 CFR 761, unless otherwise noted.]

Section IV. Acid Rain Part.

Operated by: Gulf Power Company
ORIS Code: 0642

Subsection A. This subsection addresses Acid Rain, Phase II.

The emissions units listed below are regulated under Acid Rain, Phase II.

E.U.

<u>ID No.</u>	<u>Description</u>
-001	Boiler Number 1 - 645.7 MMBtu/hour
-002	Boiler Number 2 - 645.7 MMBtu/hour

A.0. *The following Acid Rain Part will not become effective until the terms of Appendix CP-1, Alternate Phase II NO_x Compliance Plan have been met. At such time, a statement of satisfaction will be sent to the permittee and shall be attached to this permit. After such time, this condition and Appendix CP-1 shall be removed during the next opening of this permit. In order for the permittee to utilize the Phase II NO_x Averaging Plan contained in the Acid Rain Part listed below by the January 1, 2000 effective date of the Phase II NO_x limits, the terms of Appendix CP-1 must be satisfied by September 30, 1999. Otherwise, the "Acid Rain Part" contained in Appendix CP-1 will continue to be the applicable "Acid Rain Part" until January 1 of the year following satisfaction of the requirements of Appendix CP-1.*

A.1. The Phase II permit applications, the Phase II NO_x compliance plans and the Phase II NO_x averaging plans submitted for this facility, as approved by the Department, are a part of this permit (included as Attachments). The owners and operators of these Phase II acid rain units must comply with the standard requirements and special provisions set forth in the applications listed below:

- a. DEP Form No. 62-210.900(1)(a), F.A.C., dated 07/01/95.
- b. DEP Form No. 62-210.900(1)(a)4., F.A.C., dated 01/06/98.
- c. DEP Form No. 62-210.900(1)(a)5., F.A.C., dated 01/06/98.

[Chapter 62-213 and Rule 62-214.320, F.A.C.]

A.2. Sulfur dioxide (SO₂) allowance allocations and nitrogen oxide (NO_x) requirements for each Acid Rain unit are as follows:

E.U. ID #	EPA ID	Year	2000	2001	2002	2003	2004
-001	ID No. 1 Boiler 1	SO ₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	1,942*	1,942*	1,942*	1,942*	1,942*
		NO _x limit	Pursuant to 40 CFR 76.11, the Florida Department of Environmental Protection approves five (5) NO _x emissions averaging plans for this unit. Each plan is effective for one calendar year for the 2000, 2001, 2002, 2003 and 2004. Under each plan, this unit's NO _x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.68 lb/MMBtu . In addition, this unit shall not have an annual heat input greater than 1,855,434 MMBtu .				
			Also, see Additional Requirements 1, 2 and 3, below.				
-002	ID No. 2 Boiler 2	SO ₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	2,033*	2,033*	2,033*	2,033*	2,033*
		NO _x limit	Pursuant to 40 CFR 76.11, the Florida Department of Environmental Protection approves five (5) NO _x emissions averaging plans for this unit. Each plan is effective for one calendar year for the 2000, 2001, 2002, 2003 and 2004. Under each plan, this unit's NO _x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.77 lb/MMBtu . In addition, this unit shall not have an annual heat input less than 1,864,795 MMBtu .				
			Also, see Additional Requirements 1, 2 and 3, below.				

*The number of allowances held by an Acid Rain source in a unit account may differ from the number allocated by the USEPA under Table 2, 3, or 4 of 40 CFR 73.

Additional Requirements

1. Under the plan (NO_x Phase II averaging plan), the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.
2. In accordance with 40 CFR 72.40(b)(2), approval of the averaging plan shall be final only after the Alabama Department of Environmental Management, the Jefferson County (Alabama) Department of Health, the Georgia Department of Natural Resources and the Mississippi Department of Environmental Quality, have also approved this averaging plan.
3. In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.

A.3. Emission Allowances. Emissions from sources subject to the Federal Acid Rain Program (Title IV) shall not exceed any allowances that the source lawfully holds under the Federal Acid Rain Program. Allowances shall not be used to demonstrate compliance with a non-Title IV applicable requirement of the Act.

1. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Federal Acid Rain Program, provided that such increases do not require a permit revision pursuant to Rule 62-213.400(3), F.A.C.
2. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.
3. Allowances shall be accounted for under the Federal Acid Rain Program.

[Rule 62-213.440(1)(c)1., 2. & 3., F.A.C.]

A.4. Fast-Track Revisions of Acid Rain Parts. Those Acid Rain sources making a change described at Rule 62-214.370(4), F.A.C., may request such change as provided in Rule 62-213.413, F.A.C.
[Rules 62-213.413 and 62-214.370(4), F.A.C.]

A.5. Comments, notes, and justifications: The Designated Representative has changed from Frederick Kuester to G. Edison Holland, Jr. to Robert G. Moore to Bill M. Guthrie to Charles D. McCrary.

The alternative designated representatives have been changed to include Robert G. Moore and James O. Vick.

Reporting Requirements

A.6. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3), F.A.C., shall be submitted within 60 (sixty) days after the end of the calendar year. {See condition 52., APPENDIX TV-2, TITLE V CONDITIONS}
[Rule 62-214.420(11), F.A.C.]

A.7. Demonstration of Compliance With the Phase II NO_x Averaging Plan. The Designated Representative shall provide a copy of the demonstration of compliance, prepared in accordance with 40 CFR 76.11(d), to the Department within 60 (sixty) days after the end of the calendar year.
[Rule 62-213.440, F.A.C.]

Subsection B. This subsection addresses Acid Rain, Phase I.

{Permitting note: The U.S. EPA issues Acid Rain Phase I permits.}

The emissions unit(s) listed below are regulated under Acid Rain Part, Phase I.

The emissions units listed below are substitution units regulated under Acid Rain, Phase I, for Gulf Power Company, Crist Generating Station Unit Number 7, **Facility ID No.:** 0330045, **ORIS code:** 0643.

E.U.

ID No. Brief Description

-001 Boiler Number 1 - 645.7 MMBtu/hour
-002 Boiler Number 2 - 645.7 MMBtu/hour

B.1. The Phase I permits, issued by the U.S. EPA, are a part of this permit. The owners and operators of these Phase I acid rain units must comply with the standard requirements and special provisions set forth in the Phase I permits issued December 14, 1994.
[Chapter 62-213, F.A.C.]

B.2. Comments, notes, and justifications: None.

Appendix E-1, List of Exempt Emissions Units and/or Activities.

Gulf Power Company
Scholz Electric Generating Plant

Revised DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

	<u>State Registration Number</u>	<u>Contents</u>	<u>Size (Gallons)</u>
1.	Tank #1	#2 Diesel - Fuel Oil	15,000
2.	Tank #2	#2 Diesel - Fuel Oil	200,000
3.	Tank #3	#2 Diesel - Fuel Oil	150,000
4.	--	Used Oil	300

Miscellaneous

5. Fire Safety Equipment
6. Vacuum Pumps
7. Laboratory Equipment
8. Welding
9. Gulf Power Company Generated Non-hazardous Boiler Chemical Cleaning Wastes
(Not to exceed 50 gallons per minute)

Appendix U-1, List of Unregulated Emissions Units and/or Activities.

Gulf Power Company
Scholz Electric Generating Plant

Revised DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

Unregulated Emissions Units and/or Activities. An emissions unit which emits no “emissions-limited pollutant” and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

The below listed emissions units and/or activities are neither ‘regulated emissions units’ nor ‘insignificant emissions units’.

E.U. ID

No. Brief Description of Emissions Units and/or Activity

- aaa Material Handling of Coal and Ash
- bbb Fugitive PM Sources - On-site Vehicles
- ccc General Purpose Internal Combustion Engines

- aaa Material Handling of Coal and Ash. Fugitive PM emissions generated from the transfer and handling of coal and ash. SCC: 3-05-101-03.
- bbb Fugitive PM Sources. Fugitive PM emissions generated by haul trucks and other on-site vehicles. SCC: 3-05-101-50.
- ccc General Purpose Internal Combustion Engines. located for use at this source are miscellaneous internal combustion engines used to operate the following: welders, compressors, generators, water pumps, sweepers, and other auxiliary equipment.

Appendix H-1, Permit History/ID Number Changes

(For Tracking Purposes Only)

Gulf Power Company
Scholz Electric Generating Plant

Permit No.: 0630014-001-AV
Facility ID No.: 0630014

E.U.						
<u>ID No</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>	<u>Extended Date</u>	<u>Revise Date(s)</u>
-001	Coal Fired Boiler #1	AO32-211311	04/17/92	04/01/97		
		Secretarial ORDER ¹	10/18/85			
		AC32-2004	1/10/74	9/15/74		
-002	Coal Fired Boiler #2	AO32-211311	04/17/92	04/01/97		
		Secretarial ORDER ¹	10/18/85			
		AC32-2005	1/10/74	9/15/74		

ID Number Changes (for tracking purposes):

From: Facility ID No.: 10PCY320014

To: Facility ID No.: 0630014

¹ Secretarial ORDER issued to relax semi-annual PM testing requirement to annual.

Referenced Attachments

Phase I Acid Rain Permits

Phase II Acid Rain Application/NO_x Compliance Plan

Appendix CP-1, Alternate Phase II Acid Rain NO_x Compliance Plan

ASP Number 97-B-01

Appendix SO-1, Secretarial ORDER(s)

Appendix A-1, Abbreviations, Definitions, Citations, and Identification Numbers

Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)

Appendix TV-2, Title V Conditions(version dated 11/10/98)

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Compliance Requirements

Phase I Acid Rain Permits

Phase II Acid Rain Permit Application/NO_x Compliance Plan

Appendix CP-1
Alternate Phase II Acid Rain NO_x Compliance Plan

Appendix CP-1, Alternate Phase II NO_x Compliance Plan

In accordance with Rule 62-213.440(2), Florida Administrative Code (F.A.C.), this compliance plan is being issued as a part of the initial Title V permit for the Gulf Power - Scholz Plant, located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. It is being issued to bring the Acid Rain - Phase II NO_x averaging plan that was submitted for this source into compliance with all of the applicable regulations governing the approval of a Phase II NO_x averaging plan in Florida. Pursuant to 40 CFR 72.40(b)(2):

“A permitting authority's approval of a plan under paragraph (b)(1) of this section that includes units in more than one State shall be final only after every permitting authority with jurisdiction over any such unit has approved the plan with the same modifications or conditions, if any.”

In addition, pursuant to Rule 62-214.330(3)(b), F.A.C.:

“(3) The designated representative may include in the Acid Rain compliance plan a multi-unit compliance option pursuant to the requirements of 40 CFR 76.11, adopted and incorporated by reference at Rule 62-204.800, F.A.C., provided that:

(b) The designated representative of the source containing the unit or units covered by the Acid Rain Part application certifies that every permitting authority (as defined at 40 CFR 70.2, adopted and incorporated by reference at Rule 62-204.800, F.A.C.) with jurisdiction over any other units included in the multi-unit compliance option has approved the Acid Rain compliance plan with the same modifications or conditions, if any, stated in the proposed Acid Rain Part of the permit.”

Florida is normally required to obtain reasonable assurances that all permit terms and conditions will be met before taking final action on a permit. The provisions of Rule 62-214.330(3)(b) provide the reasonable assurances that the requirements of 40 CFR 72.40 (b)(2) will be met. Normally, further processing of the permit would be halted until the reasonable assurances are provided. However, in the interest of meeting acid rain implementation dates, the contents of the Phase II NO_x averaging plan have been verified and will be approved by final issuance of the permit. The plan may not be implemented, however, until the required certifications have been provided by the Designated Representative. Additionally, in lieu of providing reasonable assurances prior to permit issuance, the following steps shall be taken by the permittee as a plan for coming into compliance with Rule 62-214.330(3)(b) requirements:

1. Within 15 days of the end of each calendar half (i.e, June 30 and December 31), the permittee shall notify the Department, in writing, of the status of the approval of the Phase II NO_x averaging plan with respect to the other involved permitting authorities. All reports shall be accompanied by a certification, signed by the responsible official, in accordance with Rule 62-213.420(4), F.A.C.
2. In order for the Phase II NO_x averaging plan to be approved by the State of Florida and to become eligible for use on the inception date of the Phase II NO_x emission limits (January 1, 2000), the certification that all of the other involved permitting authorities have approved the averaging plan must be submitted no later than September 30, 1999.

3. If the required notification is not submitted by the date specified above, the Acid Rain Part attached to this compliance plan will be the enforceable Acid Rain Part of this permit. In this case, the applicable Phase II NO_x emission limits will be those limits specified in 40 CFR 76.5, rather than the “alternative contemporaneous emission limitations” that were proposed in the Phase II NO_x averaging plan.
4. The Acid Rain Part contained in this compliance plan (below) will be the applicable Acid Rain Part of this permit until the conditions listed above are satisfied. This compliance plan will be nullified and the Acid Rain Part contained in the body of this permit will become the applicable Acid Rain Part on January 1 of the year following the receipt and approval of the certification described above.
[Rules 62-213.440(2) & 62-214.330(3)(b), F.A.C.; 40 CFR 72.40(b)(2); and, 40 CFR 76.11(b)(3)]

Section IV. Acid Rain Part.

Operated by: Gulf Power Company
ORIS Code: 642

Subsection A. This subsection addresses Acid Rain, Phase II.

The emissions units listed below are regulated under Acid Rain, Phase II.

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-001	Boiler Number 1 - 645.7 MMBtu/hour
-002	Boiler Number 2 - 645.7 MMBtu/hour

A.1. The Phase II permit applications, the Phase II NO_x compliance plans and the Phase II NO_x averaging plans submitted for this facility, as approved by the Department, are a part of this permit (included as Attachments). The owners and operators of these Phase II acid rain units must comply with the standard requirements and special provisions set forth in the application listed below:

- a. DEP Form No. 62-210.900(1)(a), dated 07/01/95.
- b. DEP Form No. 62-210.900(1)(a)4., F.A.C., dated 01/06/98.

[Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

A.2. Sulfur dioxide (SO₂) allowance allocations and nitrogen oxide (NO_x) requirements for each Acid Rain unit are as follows:

E.U. ID #	EPA ID	Year	2000	2001	2002	2003	2004
-001	ID No. 1 Boiler 1	SO ₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	1,942*	1,942*	1,942*	1,942*	1,942*
		NO _x limit	<p>Pursuant to 40 CFR part 76, the Florida Department of Environmental Protection approves a NO_x standard emission limitation compliance plan for Unit #1. The compliance plan is effective for calendar year 2000 through calendar year 2004. Under the compliance plan, this unit's annual average NO_x emission rate for each year, determined in accordance with 40 CFR part 75, shall not exceed the applicable emission limitation, under 40 CFR 76.5(a)(1), of 0.50 lb/MMBtu for dry bottom wall-fired boilers.</p> <p>In addition, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>				
-002	ID No. 2 Boiler 2	SO ₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	2,033*	2,033*	2,033*	2,033*	2,033*
		NO _x limit	<p>Pursuant to 40 CFR part 76, the Florida Department of Environmental Protection approves a NO_x standard emission limitation compliance plan for Unit #1. The compliance plan is effective for calendar year 2000 through calendar year 2004. Under the compliance plan, this unit's annual average NO_x emission rate for each year, determined in accordance with 40 CFR part 75, shall not exceed the applicable emission limitation, under 40 CFR 76.5(a)(1), of 0.50 lb/MMBtu for dry bottom wall-fired boilers.</p> <p>In addition, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>				

* The number of allowances held by an Acid Rain source in a unit account may differ from the number allocated by the USEPA under Table 2, 3, or 4 of 40 CFR 73.

A.3. Emission Allowances. Emissions from sources subject to the Federal Acid Rain Program (Title IV) shall not exceed any allowances that the source lawfully holds under the Federal Acid Rain Program. Allowances shall not be used to demonstrate compliance with a non-Title IV applicable requirement of the Act.

1. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Federal Acid Rain Program, provided that such increases do not require a permit revision pursuant to Rule 62-213.400(3), F.A.C.
2. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.
3. Allowances shall be accounted for under the Federal Acid Rain Program.

[Rule 62-213.440(1)(c)1., 2. & 3., F.A.C.]

A.4. Fast-Track Revisions of Acid Rain Parts. Those Acid Rain sources making a change described at Rule 62-214.370(4), F.A.C., may request such change as provided in Rule 62-213.413, F.A.C.

[Rules 62-213.413 and 62-214.370(4), F.A.C.]

A.5. Comments, notes, and justifications: The Designated Representative has changed from Frederick Kuester to G. Edison Holland, Jr. to Robert G. Moore to Bill M. Guthrie to Charles D. McCrary.

The alternative designated representatives have been changed to include Robert G. Moore and James O. Vick.

Reporting Requirements

A.6. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3), F.A.C., shall be submitted within 60 (sixty) days after the end of the calendar year. {See condition 52., APPENDIX TV-2, TITLE V CONDITIONS}

[Rule 62-214.420(11), F.A.C.]

ASP Number 97-B-01
(With Scrivener's Order Dated July 9, 1997)

Appendix SO-1, Secretarial ORDER(s)

**Issued in Accordance With to Rule 62-296.405(1)(a), F.A.C.
Reduces the Frequency of Particulate Matter Testing To No Less Than Once Annually
(While Maintaining an Allowable Visible Emissions of 40 Percent Opacity)**

<u>Unit</u>	<u>Issue Date</u>
-001	10/18/85
-002	10/18/85

Appendix A-1,
Abbreviations, Definitions, Citations, and Identification Numbers
(Version Dated 2/5/97)

Appendix SS-1,
Stack Sampling Facilities (version dated 10/7/96)

Appendix TV-2,
Title V Conditions (version dated 11/10/98)

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 1-1, Summary of Air Pollutant Standards and Terms

Gulf Power Company
Scholz Generating Plant

Revised DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of the permit.

E. U. ID No.	Brief Description	Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See Permit Condition(s)
					Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
-001	Boiler #1 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour - Oil)	VE	Coal	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
			Liquid Fuel	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
	PM	Coal	8760	0.1 lb/MMBtu	N/A	N/A	64.6	282.9	62-296.405(1)(b)	A.7.	
		Liquid Fuel	8760	0.1 lb/MMBtu	N/A	N/A	1.2	5.4	62-296.405(1)(b)	A.7.	
	PM - SB **	Coal	3 hr/day	0.3 lb/MMBtu	N/A	N/A	193.7	353.5	62-210.700(3)	A.8.	
		Liquid Fuel	3 hr/day	0.3 lb/MMBtu	N/A	N/A	3.7	6.8	62-210.700(3)	A.8.	
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	8760	6.17 lb/MMBtu	N/A	N/A	3,984.0	17,449.8	62-204.240(1)	A.9.
			Liquid Fuel	8760	2.75 lb/MMBtu	N/A	N/A	34.1	149.4	62-296.405(1)(c)1.j.	A.10
Liquid Fuel			8760	0.5% Sulfur	N/A	N/A	6.1	26.3	Applicant Request	A.11.	
-002	Boiler #2 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour - Oil)	VE	Coal	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
			Liquid Fuel	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
	PM	Coal	8760	0.1 lb/MMBtu	N/A	N/A	64.6	282.9	62-296.405(1)(b)	A.7.	
		Liquid Fuel	8760	0.1 lb/MMBtu	N/A	N/A	1.2	5.4	62-296.405(1)(b)	A.7.	
	PM - SB **	Coal	3 hr/day	0.3 lb/MMBtu	N/A	N/A	193.7	353.5	62-210.700(3)	A.8.	
		Liquid Fuel	3 hr/day	0.3 lb/MMBtu	N/A	N/A	3.7	6.8	62-210.700(3)	A.8.	
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	8760	6.17 lb/MMBtu	N/A	N/A	3,984.0	17,449.8	62-2204.240(1)	A.9.
			Liquid Fuel	8760	2.75 lb/MMBtu	N/A	N/A	34.1	149.4	62-296.405(1)(c)1.j.	A.10
Liquid Fuel			8760	0.5% Sulfur	N/A	N/A	6.1	26.3	Applicant Request	A.11.	

Notes:
 * The "Equivalent Emissions" listed are for informational purposes.
 ** PM - SB refers to "soot blowing" and "load change".

Table 2-1, Summary of Compliance Requirements

Table 2-1, Summary of Compliance Requirements

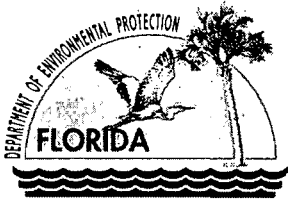
Gulf Power Company
Scholz Generating Plant

Revised DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E. U. ID No.	Brief Description	Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing	Frequency	Min. Compliance	CMS ¹	See Permit Condition(s)
					Time Frequency	Base Date ²	Test Duration		
-001	Boiler #1 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour -Oil)	VE	Coal	CEM	6-min.	Sept. 30	6 Minutes	Yes	A.15., 18., 19., 23., 25, 28.-30., 32.-35.
			No. 2 Fuel Oil	CEM	6-min.	Sept. 30	6 Minutes	Yes	
	PM	Coal	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No	A.17., 20., 25. - 30., 32. - 35.	
		No. 2 Fuel Oil	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No		
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	6, 6A, 6B or 6C	Annually ³	Sept. 30	1 Hour	Yes	
No. 2 Fuel Oil			Fuel Sampling & Analysis Provided by Vendor				Yes		
-002	Boiler #2 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hr - Oil)	VE	Coal	CEM	6-min.	Sept. 30	6 Minutes	Yes	A.15., 18., 19., 23., 25, 28.-30., 32.-35.
			No. 2 Fuel Oil	CEM	6-min.	Sept. 30	6 Minutes	Yes	
	PM	Coal	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No	A.17., 20., 25. - 30., 32. - 35.	
		No. 2 Fuel Oil	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No		
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	6, 6A, 6B or 6C	Annually ³	Sept. 30	1 Hour	Yes	
No. 2 Fuel Oil			Fuel Sampling & Analysis Provided by Vendor				Yes		

Notes:
¹ CMS [=] continuous monitoring system used for monitoring requirement in lieu of fuel sampling and analysis if marked 'yes'.
 (Acceptable as long as CMS is maintained and calibrated as required.)
² Frequency base date established for planning purposes only; see Rule 62-297.310, F.A.C.
³ Test not required in years that liquid and/or solid fuel fired less than 400 hours.



Department of Environmental Protection

Lawton Chiles
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Virginia B. Wetherell
Secretary

October 13, 1998

Mr. Robert G. Moore
Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0100

Re: Revised DRAFT Title V Permit No.: 0630014-001-AV
Scholz Electric Generating Plant

Dear Mr. Moore:

One copy of the Revised DRAFT Title V Air Operation Permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County, is enclosed. The previous DRAFT Title V Operation Permit dated September 30, 1997, is withdrawn. The permitting authority's "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" is also included.

The Department will publish the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" as soon as possible. This issue is important in order for you to receive your revised Title IV Acid Rain permit by January 1, 2000, for the inclusion of the Phase I/II NO_x limitations pursuant to Rule 62-214.360(6), Florida Administrative Code.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Scott M. Sheplak, P.E., at the above letterhead address. If you have any other questions, please contact Jonathan Holtom, P.E. at 850/921-9531.

Sincerely,

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/h

Enclosures

cc: Ms. Carla E. Pierce, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)
Ms. Gracy Danois, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

In the Matter of an
Application for Permit by:

Gulf Power Company
One Energy Place
Pensacola, FL 32520-0100

Revised DRAFT Permit No.: 0630014-001-AV
Scholz Electric Generating Plant
Jackson County

INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit (copy of DRAFT Permit enclosed) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Gulf Power Company, applied on June 14, 1996, to the permitting authority for a Title V air operation permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. The applicant submitted the Phase I/II NO_x Acid Rain Compliance Plan on December 22, 1997. This permit incorporates the Phase I/II NO_x standards into the Title IV Acid Rain Part pursuant to Rule 62-214.360(6), Florida Administrative Code (F.A.C.).

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V air operation permit is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V air operation permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." However, the Department will publish the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" as soon as possible. This issue is important in order for you to receive your Title IV Acid Rain Part by January 1, 2000, pursuant to Rule 62-214.360(6), Florida Administrative Code.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the attached Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." Written comments should be provided to the permitting authority office. Any written comments filed shall be made

available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of how and when each petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A demand for relief.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation will not be available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Tallahassee, Florida.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION**

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the DRAFT permit) and all copies were sent by certified mail before the close of business on _____ to the person(s) listed:

Mr. Robert G. Moore, Gulf Power Company
Ms. Gail Kamaras, Legal Environmental Assistance Foundation

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the DRAFT permit) were sent by U.S. mail on the same date to the person(s) listed:

Mr. Kennard Kosky, P.E., Golder Associates
Mr. G. Dwain Waters, Gulf Power Company
Mr. Ed K. Middleswart, DEP, Northwest District Office

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency Clerk, receipt of which is hereby acknowledged.

(Clerk)

(Date)

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Title V Revised DRAFT Permit No.: 0630014-001-AV
Scholz Electric Generating Plant
Jackson County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit to Gulf Power Company for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. This permit incorporates the Phase I/II NO_x standards into the Title IV Acid Rain Part pursuant to Rule 62-214.360(6), Florida Administrative Code (F.A.C.). The applicant's name and address are: Gulf Power Company, One Energy Place, Pensacola, Florida 32520.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed Title V DRAFT Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.).

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address and telephone number of the petitioner; name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during

the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination;

(c) A statement of how and when the petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so state;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle petitioner to relief; and

(f) A demand for relief.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/488-0114
Fax: 850/922-6979

Affected District/Local Program:

Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501-5794
Telephone: 850/595-8300
Fax: 850/595-4417

The complete project file includes the DRAFT Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Scott M. Sheplak, P.E., at the above address, or call 850/921-9532, for additional information.

STATEMENT OF BASIS

Gulf Power Company
Scholz Electric Generating Plant
Facility ID No.: 0630014
Escambia County

Initial Title V Air Operation Permit
Revised DRAFT Permit No.: 0630014-001-AV

This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

This facility consists of two coal fired steam generators (boilers). The two boilers are Acid Rain Phase I substitution units and Acid Rain Phase II Units. Pulverized coal is the primary fuel for the boilers. Distillate fuel oil is used as a "back-up" fuel for the boilers. Also included in this permit are miscellaneous unregulated/exempt emissions units and/or activities.

Emissions unit number -001 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 1". It is rated at a maximum heat input of 645.7 million Btu per hour (MMBtu/hour) when firing pulverized coal and 12.4 MMBtu/hour when firing distillate fuel oil (used as back-up fuel). Emissions unit number -002 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 2". It is rated at a maximum heat input of 645.7 million Btu per hour (MMBtu/hour) when firing pulverized coal and 12.4 MMBtu/hour when firing distillate fuel oil (used as back-up fuel). Both units are Phase I Substitution and Phase II Acid Rain Units. These emissions units pre-date PSD regulations, but are regulated under Rule 62-296.405, F.A.C., Fossil Fuel Fired Steam Generators with more than 250 million Btu per Hour Heat Input. Particulate matter emissions from each unit are controlled by a single stage, high voltage, cold side electrostatic precipitator (Buell Model # BAL 2X38L-44-2P).

The heat input limitations have been placed in the permit to identify the capacity of each emissions unit for the purposes of confirming that emissions testing is conducted within 90 to 100 percent of the emissions unit's rated capacity (or to limit future operation to 110 percent of the test load), to establish appropriate emissions limits and to aid in determining future rule applicability. A note below the permitted capacity condition clarifies this. Regular record keeping is not required for heat input. Instead, the owner or operator is expected to determine heat input whenever emission testing is required to demonstrate at what percentage of the rated capacity that the emissions unit was tested. Rule 62-297.310(5), F.A.C., included in the permit, requires measurement of process variables for emissions tests. Such heat input determination may be based on measurements of fuel consumption by various methods including but not limited to fuel flow metering or tank drop measurements, using the heat value of the fuel determined by the fuel vendor or the owner or operator, to calculate average hourly heat input during the test.

Also included in this permit are miscellaneous unregulated/exempt emissions units and/or activities.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

Phase I Acid Rain Permits

Phase II Acid Rain Permit Application/NO_x Compliance Plan

Appendix CP-1
Alternate Phase II Acid Rain NO_x Compliance Plan

Appendix CP-1, Alternate Phase II NO_x Compliance Plan

In accordance with Rule 62-213.440(2), Florida Administrative Code (F.A.C.), this compliance plan is being issued as a part of the initial Title V permit for the Gulf Power - Scholz Plant, located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. It is being issued to bring the Acid Rain - Phase II NO_x averaging plan that was submitted for this source into compliance with all of the applicable regulations governing the approval of a Phase II NO_x averaging plan in Florida. Pursuant to 40 CFR 72.40(b)(2):

“A permitting authority's approval of a plan under paragraph (b)(1) of this section that includes units in more than one State shall be final only after every permitting authority with jurisdiction over any such unit has approved the plan with the same modifications or conditions, if any.”

In addition, pursuant to Rule 62-214.330(3)(b), F.A.C.:

“(3) The designated representative may include in the Acid Rain compliance plan a multi-unit compliance option pursuant to the requirements of 40 CFR 76.11, adopted and incorporated by reference at Rule 62-204.800, F.A.C., provided that:

(b) The designated representative of the source containing the unit or units covered by the Acid Rain Part application certifies that every permitting authority (as defined at 40 CFR 70.2, adopted and incorporated by reference at Rule 62-204.800, F.A.C.) with jurisdiction over any other units included in the multi-unit compliance option has approved the Acid Rain compliance plan with the same modifications or conditions, if any, stated in the proposed Acid Rain Part of the permit.”

Florida is normally required to obtain reasonable assurances that all permit terms and conditions will be met before taking final action on a permit. The provisions of Rule 62-214.330(3)(b) provide the reasonable assurances that the requirements of 40 CFR 72.40 (b)(2) will be met. Normally, further processing of the permit would be halted until the reasonable assurances are provided. However, in the interest of meeting acid rain implementation dates, the contents of the Phase II NO_x averaging plan have been verified and will be approved by final issuance of the permit. The plan may not be implemented, however, until the required certifications have been provided by the Designated Representative. Additionally, in lieu of providing reasonable assurances prior to permit issuance, the following steps shall be taken by the permittee as a plan for coming into compliance with Rule 62-214.330(3)(b) requirements:

1. Within 15 days of the end of each calendar quarter (i.e. March 30, June 30, September 30, December 31), the permittee shall notify the Department, in writing, of the status of the approval of the Phase II NO_x averaging plan with respect to the other involved permitting authorities. All reports shall be accompanied by a certification, signed by the responsible official, in accordance with Rule 62-213.420(4), F.A.C.
2. In order for the Phase II NO_x averaging plan to be approved by the State of Florida and to become eligible for use on the inception date of the Phase II NO_x emission limits (January 1, 2000), the certification that all of the other involved permitting authorities have approved the averaging plan must be submitted no later than the notification following the end of the third quarter (September 30) of 1999.

3. If the required notification is not submitted by the date specified above, the Acid Rain Part attached to this compliance plan will be the enforceable Acid Rain Part of this permit. In this case, the applicable Phase II NO_x emission limits will be those limits specified in 40 CFR 76.5, rather than the “alternative contemporaneous emission limitations” that were proposed in the Phase II NO_x averaging plan.
4. The Acid Rain Part contained in this compliance plan (below) will be the applicable Acid Rain Part of this permit until the conditions listed above are satisfied. This compliance plan will be nullified and the Acid Rain Part contained in the body of this permit will become the applicable Acid Rain Part on January 1 of the year following the receipt and approval of the certification described above.
[Rules 62-213.440(2) & 62-214.330(3)(b), F.A.C.; 40 CFR 72.40(b)(2); and, 40 CFR 76.11(b)(3)]

Section IV. Acid Rain Part.

Operated by: Gulf Power Company
ORIS Code: 642

Subsection A. This subsection addresses Acid Rain, Phase II.

The emissions units listed below are regulated under Acid Rain, Phase II.

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-001	Boiler Number 1 - 645.7 MMBtu/hour
-002	Boiler Number 2 - 645.7 MMBtu/hour

A.1. The Phase II permit applications, the Phase II NO_x compliance plans and the Phase II NO_x averaging plans submitted for this facility, as approved by the Department, are a part of this permit (included as Attachments). The owners and operators of these Phase II acid rain units must comply with the standard requirements and special provisions set forth in the application listed below:

- a. DEP Form No. 62-210.900(1)(a), dated 07/01/95.
- b. DEP Form No. 62-210.900(1)(a)4., F.A.C., dated 01/06/98.

[Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

A.2. Sulfur dioxide (SO₂) allowance allocations and nitrogen oxide (NO_x) requirements for each Acid Rain unit are as follows:

E.U. ID #	EPA ID	Year	2000	2001	2002	2003	2004
-001	ID No. 1 Boiler 1	SO ₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	1,942*	1,942*	1,942*	1,942*	1,942*
		NO _x limit	<p>Pursuant to 40 CFR part 76, the Florida Department of Environmental Protection approves a NO_x standard emission limitation compliance plan for Unit #1. The compliance plan is effective for calendar year 2000 through calendar year 2004. Under the compliance plan, this unit's annual average NO_x emission rate for each year, determined in accordance with 40 CFR part 75, shall not exceed the applicable emission limitation, under 40 CFR 76.5(a)(1), of 0.50 lb/mmBtu for dry bottom wall-fired boilers.</p> <p>In addition, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>				
-002	ID No. 2 Boiler 2	SO ₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	2,033*	2,033*	2,033*	2,033*	2,033*
		NO _x limit	<p>Pursuant to 40 CFR part 76, the Florida Department of Environmental Protection approves a NO_x standard emission limitation compliance plan for Unit #1. The compliance plan is effective for calendar year 2000 through calendar year 2004. Under the compliance plan, this unit's annual average NO_x emission rate for each year, determined in accordance with 40 CFR part 75, shall not exceed the applicable emission limitation, under 40 CFR 76.5(a)(1), of 0.50 lb/mmBtu for dry bottom wall-fired boilers.</p> <p>In addition, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.</p>				

* The number of allowances held by an Acid Rain source in a unit account may differ from the number allocated by the USEPA under Table 2, 3, or 4 of 40 CFR 73.

A.3. Emission Allowances. Emissions from sources subject to the Federal Acid Rain Program (Title IV) shall not exceed any allowances that the source lawfully holds under the Federal Acid Rain Program. Allowances shall not be used to demonstrate compliance with a non-Title IV applicable requirement of the Act.

1. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Federal Acid Rain Program, provided that such increases do not require a permit revision pursuant to Rule 62-213.400(3), F.A.C.
2. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.
3. Allowances shall be accounted for under the Federal Acid Rain Program.

[Rule 62-213.440(1)(c)1., 2. & 3., F.A.C.]

A.4. Fast-Track Revisions of Acid Rain Parts. Those Acid Rain sources making a change described at Rule 62-214.370(4), F.A.C., may request such change as provided in Rule 62-213.413, F.A.C.

[Rules 62-213.413 and 62-214.370(4), F.A.C.]

A.5. Comments, notes, and justifications: The Designated Representative has changed from Frederick Kuester to G. Edison Holland, Jr. to Robert G. Moore to Bill M. Guthrie to Charles D. McCrary.

The alternative designated representatives have been changed to include Robert G. Moore and James O. Vick.

Reporting Requirements

A.6. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3), F.A.C., shall be submitted within 60 (sixty) days after the end of the calendar year. {See condition 52., APPENDIX TV-1, TITLE V CONDITIONS}

[Rule 62-214.420(11), F.A.C.]

ASP Number 97-B-01
(With Scrivener's Order Dated July 9, 1997)

Appendix SO-1, Secretarial ORDER(s)

Issued in Accordance With to Rule 62-296.405(1)(a), F.A.C.

**Reduces the Frequency of Particulate Matter Testing To No Less Than Once Annually
(While Maintaining an Allowable Visible Emissions of 40 Percent Opacity)**

<u>Unit</u>	<u>Issue Date</u>
-001	10/18/85
-002	10/18/85

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of:)
)
Petition for Reduction in)
Semi-Annual Particulate)
Emissions Compliance Testing,)
Scholz Unit 1;)
GULF POWER COMPANY,)
)
Petitioner.)
_____)

ORDER

On May 11, 1984, the Petitioner, GULF POWER COMPANY, filed a Petition for Reduction in Semi-Annual Particulate Emissions Compliance Testing pursuant to Florida Administrative Code Rule 17-2.600(5)(b)1. for the following fossil fuel steam generating unit:

Scholz Unit 1

Pursuant to Florida Administrative Code Rule 17-2.600(5)(b)1., Petitioner initially elected to conduct quarterly particulate emission compliance tests on March 6, 1980. On March 30, 1982, Petitioner filed a petition for reduction from quarterly to annual particulate emissions compliance testing for Scholz Unit 1. By order of the Department on November 7, 1982, Petitioner was granted approval to reduce the frequency of particulate compliance testing, but only to semi-annual. Semi-annual particulate emission testing was initiated on February 8, 1983 and has continued to the present.

Florida Administrative Code Rule 17-2.600(5)(b)1. provides that the Department may reduce the frequency of particulate testing upon a demonstration that the particulate standard of 0.1 pounds per million Btu heat input has been regularly met. The petition and supporting documentation submitted by Petitioner indicate that, since March 19, 1980, Petitioner has regularly met the particulate standard. It is therefore,

ORDERED that the Petition for Reduction in Semi-Annual Particulate Emissions Compliance Testing is GRANTED. Petitioner

10/21/1984

may commence testing on an annual basis upon submission of the test results from its next regularly scheduled semi-annual test, provided the results of that test meet the particulate standard. Failure of Scholz Unit 1 to meet either the particulate standard or the 40% opacity standard in the future shall constitute grounds for revocation of this authorization.

Persons whose substantial interests are affected by the above proposed agency action has a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on the proposed action. The Petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Persons whose substantial interests will be affected by any decision of the Department have the right to intervene in the proceeding. A petition for intervention must be filed pursuant to Model Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the Hearing Officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no Hearing Officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32301. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to an administrative determination (hearing) under Section 120.57, Florida Statutes.

DONE AND ORDERED this 18 day of October, 1985, in
Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Victoria J. Tschinkel
VICTORIA J. TSCHINKEL
Secretary

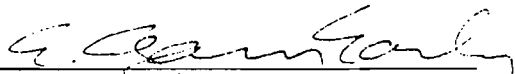
FILING AND ACKNOWLEDGEMENT
FILED, on this date pursuant to RULE 9, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301
Telephone: (904) 488-4805

Joseph A. Brown *10/18/85*
Clerk Date

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing Order has been furnished by U.S. Mail to George J. Layman, Gulf Power Company, Post Office Box 1151, Pensacola, Florida 32520, this 21 day of October, 1985.



E. GARY EARLY
Assistant General Counsel

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301
Telephone: (904) 488-9730

BEST AVAILABLE COPY

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of:)
)
 Petition for Reduction in)
 Semi-Annual Particulate)
 Emissions Compliance Testing,)
 Scholz Unit 2;)
 GULF POWER COMPANY,)
)
 Petitioner.)
 _____)

ORDER

On May 11, 1984, the Petitioner, GULF POWER COMPANY, filed a Petition for Reduction in Semi-Annual Particulate Emissions Compliance Testing pursuant to Florida Administrative Code Rule 17-2.600(5)(b)1. for the following fossil fuel steam generating unit:

Scholz Unit 2

Pursuant to Florida Administrative Code Rule 17-2.600(5)(b)1., Petitioner initially elected to conduct quarterly particulate emission compliance tests on March 6, 1980. On March 30, 1982, Petitioner filed a petition for reduction from quarterly to annual particulate emissions compliance testing for Scholz Unit 2. By order of the Department on November 7, 1982, Petitioner was granted approval to reduce the frequency of particulate compliance testing, but only to semi-annual. Semi-annual particulate emission testing was initiated on February 7, 1983 and has continued to the present.


Florida Administrative Code Rule 17-2.600(5)(b)1. provides that the Department may reduce the frequency of particulate testing upon a demonstration that the particulate standard of 0.1 pounds per million Btu heat input has been regularly met. The petition and supporting documentation submitted by Petitioner indicate that, since March 18, 1980, Petitioner has regularly met the particulate standard. It is therefore,

ORDERED that the Petition for Reduction in Semi-Annual Particulate Emissions Compliance Testing is GRANTED. Petitioner

in the presence of


DONE AND ORDERED this 18 day of October, 1985, in
Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


VICTORIA J. TSCHINKEL
Secretary

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301
Telephone: (904) 488-4805

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to §120.52 (9),
Florida Statutes, with the designated Depart-
ment Clerk, receipt of which is hereby acknow-
ledged.


Clerk 10/18/85
Date

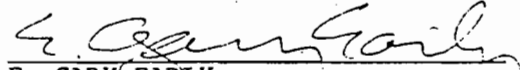
may commence testing on an annual basis upon submission of the test results from its next regularly scheduled semi-annual test, provided the results of that test meet the particulate standard. Failure of Scholz Unit 2 to meet either the particulate standard or the 40% opacity standard in the future shall constitute grounds for revocation of this authorization.

Persons whose substantial interests are affected by the above proposed agency action has a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on the proposed action. The Petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32301, within fourteen (14) days of publication of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Persons whose substantial interests will be affected by any decision of the Department have the right to intervene in the proceeding. A petition for intervention must be filed pursuant to Model Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the Hearing Officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no Hearing Officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32301. Failure to petition to intervene within the allowed time frame constitutes a waiver of any right such person has to an administrative determination (hearing) under Section 120.57, Florida Statutes.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing Order has been furnished by U.S. Mail to George O. Layman, Gulf Power Company, Post Office Box 1151, Pensacola, Florida 32520, this 21 day of October, 1985.



E. GARY EARLY
Assistant General Counsel

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32301
Telephone: (904) 488-9730

Appendix PSS-1, Protocol for Startup and Shutdown

Appendix PSS-1, Protocol for Startup and Shutdown

(To Be Added When Acquired)

Appendix A-1,
Abbreviations, Definitions, Citations, and Identification Numbers
(Version Dated 2/5/97)

Appendix SS-1,
Stack Sampling Facilities (version dated 10/7/96)

Appendix TV-1,
Title V Conditions (version dated 12/2/97)

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 1-1, Summary of Air Pollutant Standards and Terms

Gulf Power Company
Scholz Generating Plant

Revised DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of the permit.

E. U. ID No.	Brief Description	Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See Permit Condition(s)
					Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
-001	Boiler #1 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour -Oil)	VE	Coal	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
			Liquid Fuel	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
	PM	Coal	8760	0.1 lb/MMBtu	N/A	N/A	64.6	282.9	62-296.405(1)(b)	A.7.	
		Liquid Fuel	8760	0.1 lb/MMBtu	N/A	N/A	1.2	5.4	62-296.405(1)(b)	A.7.	
	PM - SB **	Coal	3 hr/day	0.3 lb/MMBtu	N/A	N/A	193.7	353.5	62-210.700(3)	A.8.	
		Liquid Fuel	3 hr/day	0.3 lb/MMBtu	N/A	N/A	3.7	6.8	62-210.700(3)	A.8.	
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	8760	6.17 lb/MMBtu	N/A	N/A	3,067.1	13,433.8	62-204.240(1)	A.9.
			Liquid Fuel	8760	2.75 lb/MMBtu	N/A	N/A	34.1	149.4	62-296.405(1)(c)1.j.	A.10
Liquid Fuel			8760	0.5% Sulfur	N/A	N/A	6.1	26.3	Applicant Request	A.11.	
-002	Boiler #2 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour - Oil)	VE	Coal	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
			Liquid Fuel	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
	PM	Coal	8760	0.1 lb/MMBtu	N/A	N/A	64.6	282.9	62-296.405(1)(b)	A.7.	
		Liquid Fuel	8760	0.1 lb/MMBtu	N/A	N/A	1.2	5.4	62-296.405(1)(b)	A.7.	
	PM - SB **	Coal	3 hr/day	0.3 lb/MMBtu	N/A	N/A	193.7	353.5	62-210.700(3)	A.8.	
		Liquid Fuel	3 hr/day	0.3 lb/MMBtu	N/A	N/A	3.7	6.8	62-210.700(3)	A.8.	
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	8760	6.17 lb/MMBtu	N/A	N/A	3,067.1	13,433.8	62-2204.240(1)	A.9.
			Liquid Fuel	8760	2.75 lb/MMBtu	N/A	N/A	34.1	149.4	62-296.405(1)(c)1.j.	A.10
Liquid Fuel			8760	0.5% Sulfur	N/A	N/A	6.1	26.3	Applicant Request	A.11.	

Notes:

* The "Equivalent Emissions" listed are for informational purposes.

** PM - SB refers to "soot blowing" and "load change".

Table 2-1, Summary of Compliance Requirements

Table 2-1, Summary of Compliance Requirements

Gulf Power Company
Scholz Generating Plant

Revised DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E. U. ID No.	Brief Description	Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time	Frequency Base Date ²	Min. Compliance Test Duration	CMS ¹	See Permit Condition(s)
					Frequency				
-001	Boiler #1 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour -Oil)	VE	Coal	DEP method 9	Annually ³	Sept. 30	60 Minutes	Yes	A.14., 17., 18., 22., 24, 27.-29., 31.-34.
			No. 2 Fuel Oil	DEP method 9	Annually ³	Sept. 30	60 Minutes	Yes	
	PM	Coal	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No	A.19., A.24. - 29., 31., 32., 34.	
		No. 2 Fuel Oil	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No		
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	6, 6A, 6B or 6C	Annually ³	Sept. 30	1 Hour	Yes	
No. 2 Fuel Oil			Fuel Sampling & Analysis Provided by Vendor				Yes		
-002	Boiler #2 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hr - Oil)	VE	Coal	DEP method 9	Annually ³	Sept. 30	60 Minutes	Yes	A.14., 17., 18., 22., 24, 27.-29., 31.-34.
			No. 2 Fuel Oil	DEP method 9	Annually ³	Sept. 30	60 Minutes	Yes	
	PM	Coal	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No	A.19., A.24. - 29., 31., 32., 34.	
		No. 2 Fuel Oil	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No		
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	6, 6A, 6B or 6C	Annually ³	Sept. 30	1 Hour	Yes	
No. 2 Fuel Oil			Fuel Sampling & Analysis Provided by Vendor				Yes		

Notes:

¹ CMS [=] continuous monitoring system used for monitoring requirement in lieu of fuel sampling and analysis if marked 'yes'.

(Acceptable as long as CMS is maintained and calibrated as required.)

² Frequency base date established for planning purposes only; see Rule 62-297.310, F.A.C.

³ Test not required in years that liquid and/or solid fuel fired less than 400 hours.



Jeb Bush
Governor

**Department of
Environmental Protection**

Marjory Stoneman Douglas Building
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

David B. Struhs
Secretary

Jonathan Holton

NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

Mr. Robert G. Moore
Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0100

FINAL Permit No.: 0630014-001-AV
Scholz Electric Generating Plant

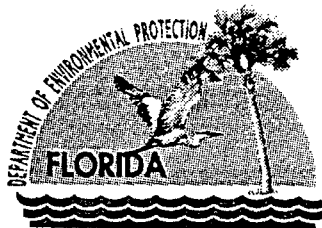
Enclosed is FINAL Permit Number 0630014-001-AV for the operation of the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, issued pursuant to Chapter 403, Florida Statutes (F.S.).

Any party to this order (permit) has the right to seek judicial review of it under Section 120.68 of the Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110 of the Florida Rules of Appellate Procedure, with the clerk of the Department of Environmental Protection in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000, and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within thirty days from the date this notice is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION**

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

PROPOSED Permit Electronic Posting Courtesy Notification

Gulf Power Company
Scholz Electric Generating Plant
Facility ID No.: 0630014
Jackson County

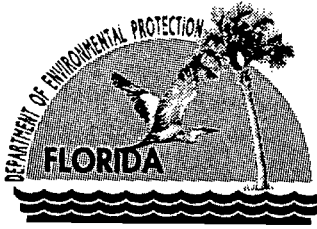
Initial Title V Air Operation Permit
PROPOSED Permit No.: 0630014-001-AV

The electronic version of the PROPOSED permit was posted on the Division of Air Resources Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review on August 17, 1999.

USEPA's review period ends on the 45th day after the permit posting date. Day 45 is October 1, 1999. If an objection (veto) is received from USEPA, the permitting authority will provide a copy of the objection to the applicant.

Provided an objection is not received from USEPA, the PROPOSED permit will become a FINAL permit by operation of law on the 55th day after the permit posting date. Day 55 is October 11, 1999.

The web site address is <http://www2.dep.state.fl.us/air>.



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

August 5, 1999

Mr. Robert G. Moore
Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0100

Re: PROPOSED Title V Permit No.: 0630014-001-AV
Scholz Electric Generating Plant

Dear Mr. Moore:

One copy of the "PROPOSED PERMIT DETERMINATION" for the Gulf Power Company's Scholz Electric Generating Plant, located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County, is enclosed. This letter is only a courtesy to inform you that the revised DRAFT permit has become a PROPOSED permit.

An electronic version of this determination has been posted on the Division of Air Resources Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is <http://www2.dep.state.fl.us/air>.

Pursuant to Section 403.0872(6), Florida Statutes, if no objection to the PROPOSED permit is made by the USEPA within 45 days, the PROPOSED permit will become a FINAL permit no later than 55 days after the date on which the PROPOSED permit was mailed (posted) to USEPA. If USEPA has an objection to the PROPOSED permit, the FINAL permit will not be issued until the permitting authority receives written notice that the objection is resolved or withdrawn.

If you should have any questions, please contact Jonathan Holtom, P.E. at 850/921-9531.

Sincerely,

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/h
Enclosures

copy furnished to:

Mr. James O. Vick, Gulf Power Company
Mr. Kennard Kosky, P.E., Golder Associates (E-mail Memorandum)
Mr. G. Dwain Waters, Gulf Power Company (E-mail Memorandum)
Ms. Gail Kamaras, Legal Environmental Assistance Foundation
Mr. Ed K. Middleswart, DEP, Northwest District Office (E-mail Memorandum)
Ms. Gracy Danois, USEPA, Region 4 (INTERNET E-mail Memorandum)
Mr. Gregg Worley, USEPA, Region 4 (INTERNET E-mail Memorandum)

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

PROPOSED PERMIT DETERMINATION

PROPOSED Permit No.: 0630014-001-AV

I. Public Notice.

An "INTENT TO ISSUE REVISED TITLE V AIR OPERATION PERMIT" to Gulf Power Company for the Scholz Electric Generating Plant, located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County, was clerked on June 11, 1999. This revised DRAFT permit replaced the DRAFT permit that was issued on October 2, 1997. The "PUBLIC NOTICE OF INTENT TO ISSUE REVISED TITLE V AIR OPERATION PERMIT" was published in the Jackson County Floridian on June 25, 1999. The revised DRAFT Title V Air Operation Permit was available for public inspection at the Northwest District office in Pensacola and the permitting authority's office in Tallahassee. Proof of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" was received on July 1, 1999.

II. Public Comment(s).

No public comments were received during the 30 (thirty)-day public comment period, however, a few minor changes were made by the Department for clarification purposes. The changes were not considered significant enough to reissue the revised DRAFT Title V Permit and require another Public Notice, therefore, the revised DRAFT Title V Operation Permit was converted to a PROPOSED Title V permit with the changes listed below.

1. Referenced Attachments.

All extraneous references to ASP 97-B-01 included as an attachment to this permit have been removed. This ASP does not apply to this facility and should not have been referenced.

2. Acid Rain Section.

Condition A.1. is updated to reflect the revised Phase II Acid Rain NO_x Averaging Plan (received August __, 1999) that is included in this permit as an attachment.

3. Acid Rain Section.

In condition A.2. of the Acid Rain Section, the SO₂ allowances were changed to reflect the reallocation of allowances posted in the Federal Register on September 28, 1998. For units -001 and -002, the allowances were changed from 1,942 and 2,033, to 1,958 and 2,050, respectively. Corresponding changes were also made in the appropriate areas of Appendix CP-1, Alternate Phase II Acid Rain NO_x Compliance Plan.

III. Conclusion.

The enclosed PROPOSED Title V Air Operation Permit includes the aforementioned changes to the revised DRAFT Title V Air Operation Permit.

The permitting authority will issue the PROPOSED Permit No.: 0630014-001-AV, with the changes noted above.

**Gulf Power Company
Scholz Electric Generating Plant
Facility ID No.: 0630014
Jackson County**

**Initial Title V Air Operation Permit
PROPOSED Permit No.: 0630014-001-AV**

Permitting Authority

State of Florida
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
Title V Section

Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Telephone: 850/488-0114
Fax: 850/922-6979

Initial Title V Air Operation Permit

PROPOSED Permit No.: 0630014-001-AV

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Jeb Bush
Governor

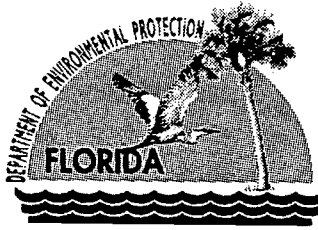
Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.



Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

Permittee:
Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0100

PROPOSED Permit No.: 0630014-001-AV
Facility ID No.: 0630014
SIC Nos.: 49, 4911
Project: Initial Title V Air Operation Permit

This permit is for the operation of the Scholz Electric Generating Plant. This facility is located at 1460 Gulf Power Road, Jackson County; UTM Coordinates: Zone 16, 702.45 km East and 3394.60 km North; Latitude: 30° 40' 08" North and Longitude: 84° 53' 13" West.

STATEMENT OF BASIS: This Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Appendix I-1, List of Insignificant Emissions Units and/or Activities
Appendix U-1, List of Unregulated Emissions Units and/or Activities
Phase II Acid Rain Permit Application/Compliance Plan Received December 8, 1995
Phase II Acid Rain NO_x Compliance Plan Received December 22, 1997
Revised Phase II Acid Rain NO_x Averaging Plan Received August __, 1999
Appendix SO-1, Secretarial ORDER(s)
Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)
Appendix TV-3, Title V Conditions (version dated 4/30/99)
Appendix CP-1, Alternate Phase II Acid Rain NO_x Compliance Plan

Effective Date: January 1, 2000
Renewal Application Due Date: July 5, 2004
Expiration Date: December 31, 2004

Howard L. Rhodes, Director,
Division of Air Resources Management

HLR/sms/jh

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of two coal fired steam generators (boilers). The two boilers are Acid Rain Phase I substitution units and Acid Rain Phase II Units. Pulverized coal is the primary fuel for the boilers. Distillate fuel oil is used as a "back-up" fuel for the boilers. Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

Based on the initial Title V permit application received June 14, 1996, this facility is a major source of hazardous air pollutants (HAPs).

The use of 'Permitting Notes' throughout this permit are for informational purposes, only, and are not permit conditions.

Subsection B. Summary of Emissions Unit ID Numbers and Brief Descriptions.

<u>E.U. ID</u>	<u>Brief Description</u>
-001	Boiler Number 1 - 645.7 MMBtu/hour (Phase I & Phase II Acid Rain Unit)
-002	Boiler Number 2 - 645.7 MMBtu/hour (Phase I & Phase II Acid Rain Unit)
-aaa	Material Handling of Coal and Ash (See Appendix U-1)
-bbb	Fugitive PM Sources - On-site Vehicles (See Appendix U-1)
-ccc	General Purpose Internal Combustion Engines (See Appendix U-1)

Please reference the Permit Number, the Facility Identification Number, and the appropriate Emissions Unit(s) ID Number(s) on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The following documents are part of this permit:

Appendix I-1, List of Insignificant Emissions Units and/or Activities
Appendix U-1, List of Unregulated Emissions Units and/or Activities
Phase II Acid Rain Permit Application/Compliance Plan Received December 8, 1995
Phase II Acid Rain NO_x Compliance Plan Received December 22, 1997
Revised Phase II Acid Rain NO_x Averaging Plan Received August __, 1999
Appendix CP-1, Alternate Phase II Acid Rain NO_x Compliance Plan
Appendix SO-1, Secretarial ORDER(s)
Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)
Appendix TV-3, Title V Conditions (version dated 4/30/99)

Gulf Power Company
Scholz Electric Generating Plant

PROPOSED Permit No.: 0630014-001-AV
Facility ID No.: 0630014

{Permitting Note: The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.}

These documents are provided to the permittee for informational purposes only:

Appendix H-1, Permit History / ID Number Transfers

Phase I Acid Rain Permits Issued December 27, 1994

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers (version dated 2/5/97)

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Summary of Compliance Requirements

These documents are on file with the permitting authority:

Initial Title V Permit Application Received June 14, 1996

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. Appendix TV-3, Title V Conditions, is a part of this permit.

{Permitting note: Appendix TV-3, Title V Conditions is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate. If desired, a copy of Appendix TV-3, Title V Conditions can be downloaded from the Division of Air Resources Management's Internet Web site located at either of the following addresses:

"<http://www2.dep.state.fl.us/air/enhancd/permitting/TitleVperm.htm>"

"<http://www2.dep.state.fl.us/air/litesite/TitleVperm.htm>".}

2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

[Rule 62-296.320(2), F.A.C.]

3. Prevention of Accidental Releases (Section 112(r) of CAA).

- a) The permittee shall submit to the Chemical Emergency Preparedness and Prevention Office (CEPPO) Records Center a risk management plan (RMP) when, and if, such requirement becomes applicable ; and
- b) The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

4. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.

[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]

5. Unregulated Emissions Units and/or Activities. Appendix U-1, List of Unregulated Emissions Units and/or Activities, is a part of this permit.

[Rule 62-213.440(1), F.A.C.]

6. General Pollutant Emission Limiting Standards. Volatile Organic Compounds Emissions or Organic Solvents Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

{Permitting Note: No vapor emission control devices or systems are deemed necessary nor ordered by the Department as of the issuance date of this permit.}

[Rule 62-296.320(1)(a), F.A.C.]

7. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.

[Rules 62-296.320(4)(b)1. & 4., F.A.C.]

8. **Not federally enforceable.** Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

- a) Grassing over each section of the ash landfill as it reaches its capacity.
- b) Regular packing of the coal pile to reduce blowing dust and aid in the prevention of coal fires.
- c) Application of a dust suppressant to the coal on the conveyor belts as necessary.

[Rules 62-296.320(4)(c)2., F.A.C.; and, Proposed by applicant in initial Title V permit application received June 14, 1996.]

{Permitting Note: Condition No. 8 presents the reasonable precautions to be implemented in accordance with Rule 62-296.320(4)(c), F.A.C., in lieu of the requirements of Condition No. 58 of Appendix TV-3.}

9. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.]

10. The Department's Northwest District Branch Office (Panama City) telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 872-4375, day or night, and for emergencies involving a significant threat to human health or the environment is (850) 413-9911. The Department's Northwest District Office (Pensacola) telephone number for routine business, including compliance test notifications, is (850) 595-8364 during normal working hours.

11. The permittee shall submit all compliance related notifications and reports required of this permit (other than Acid Rain Program Information) to the Department's Northwest District office:

Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501-5794
Telephone: 850/444-8364
Fax: 850/444-8417

Acid Rain Program Information shall be submitted, as necessary, to:

Department of Environmental Protection
2600 Blair Stone Road
Mail Station #5510
Tallahassee, Florida 32399-2400
Telephone: 850/488-6140
Fax: 850/922-6979

12. Any reports, data, notifications, certifications, and requests (other than Acid Rain Program Information) required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency, Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch, Air Enforcement Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9155
Fax: 404/562-9164

Acid Rain Program Information should be sent to:

United States Environmental Protection Agency, Region 4
Air, Pesticides & Toxics Management Division
Acid Rain Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9102
Fax: 404/562-9095

13. Fencing Requirements. Computer modeling results indicate a modeled violation of the State of Florida's 24-hour sulfur dioxide ambient air quality standards within the property boundaries of this plant. In order to protect the general public, barrier fencing shall be installed and maintained along the property boundaries of the plant so as to prevent access to the areas of concern. If it is not feasible to maintain a fence along the shoreline of the river, posted "No Trespassing" notices, combined with a regular patrol, is an acceptable alternative.

[Accepted by Permittee in-lieu of a reduction to the allowable emissions limitations.]

Section III. Emissions Units and Conditions.

Subsection A. This section addresses the following emissions units.

E.U. ID

<u>No.</u>	<u>Brief Description</u>
-001	Boiler Number 1 (Phase I Substitution & Phase II Acid Rain Unit)
-002	Boiler Number 2 (Phase I Substitution & Phase II Acid Rain Unit)

Emissions unit number -001 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 1". It is rated at a maximum heat input of 645.7 million Btu per hour (MMBtu/hour) when firing pulverized coal and 12.4 MMBtu/hour when firing distillate fuel oil (used for periods of start-up and as needed for flame stabilization). Emissions unit number -002 is a Babcock and Wilcox front wall fired, dry bottom boiler designated as "Boiler Number 2". It is also rated at a maximum heat input of 645. MMBtu/hour when firing pulverized coal and 12.4 MMBtu/hour when firing distillate fuel oil (used as back-up fuel). Both units are Phase I Substitution and Phase II Acid Rain Units.

{Permitting notes: These emissions units are regulated under Acid Rain, Phase I and Phase II. These emissions units pre-date PSD regulations, but are regulated under Rule 62-296.405, F.A.C., Fossil Fuel Fired Steam Generators with more than 250 million Btu per Hour Heat Input. Particulate matter emissions from each unit are controlled by a single stage, high voltage, cold side electrostatic precipitator (Buell Model # BAL 2X38L-44-2P). Unit 1 began commercial operation on February 24, 1953. Unit 2 began commercial operation on October 26, 1953. Units 1 and 2 share a common stack. Stack height = 150 feet, exit diameter = 13.5 feet, exit temperature = 330 °F, actual volumetric flow rate = 346,900 acfm.}

{Permitting Note: In addition to the requirements listed below, these emissions units are also subject to the standards and requirements contained in the Acid Rain Part of this permit (see Section IV).}

The following specific conditions apply to the emissions units listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum operation heat input rate is as follows:

<u>Unit No.</u>	<u>MMBtu/hr Heat Input</u>	<u>Fuel Type</u>
-001	645.7	Coal
	12.4	No. 2 Fuel Oil
	12.4	On-Specification Used Oil
-002	645.7	Coal
	12.4	No. 2 Fuel Oil
	12.4	On-Specification Used Oil

{Permitting note: The heat input limitations have been placed in each permit to identify the capacity of each unit for the purposes of confirming that emissions testing is conducted within 90 to 100 percent of the unit's rated capacity (or to limit future operation to 110 percent of the test load), to establish appropriate emission limits and to aid in determining future rule applicability. Regular record keeping is not required for heat input. Instead, the owner or operator is expected to determine heat input whenever emission testing is required, in order to demonstrate what percentage of the rated capacity that the unit was tested. Rule 62-297.310(5), F.A.C., included in the permit, requires measurement of the process variables for emission tests. Such heat input determination may be based on measurements of fuel consumption by various methods including but not limited to fuel flow metering or tank drop measurements, using the heat value of the fuel determined by the fuel vendor or the owner or operator, to calculate average hourly heat input during the test.}

[Rules 62-4.160(2), 62-210.200(PTE) & 62-296.405, F.A.C.; permits AC32-2004 & AC32-2005; and, Applicant's request in initial Title V permit application received June 14, 1996.]

A.2. Emissions Unit Operating Rate Limitation After Testing. See specific condition **A.29**.
[Rule 62-297.310(2), F.A.C.]

A.3. Methods of Operation - Fuels. The fuels that are allowed to be burned in these boilers are coal and/or new No. 2 fuel oil and/or on-specification used oil (see specific condition **A.36**). Fuel oil is only used for periods of start-up and as needed for flame stabilization. Also, on-site generated "oil contaminated soil" is periodically combusted for energy recovery purposes.
[Rule 62-213.410, F.A.C.; and, Applicant's request in initial Title V permit application dated June 14, 1996.]

A.4. Hours of Operation. These emissions units may operate continuously, i.e. 8760 hours/year. For each emissions unit, the permittee shall maintain a daily operations log available for Department inspection that documents the total hours of annual operation, including an account of the hours operated on each of the allowable fuels.
[Rules 62-213.440 and 62-210.200(PTE), F.A.C.; and, Applicant's request in initial Title V application received June 14, 1996.]

Emission Limitations and Standards

{Permitting Note: The attached Table 1-1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.5. Visible Emissions. Visible emissions shall not exceed 40 percent opacity. Because units 1 and 2 share a common stack, visible emissions violations from the stack will be attributed to both units unless opacity meter results show the specific unit causing the violation.
[Rule 62-296.405(1)(a), F.A.C.; and, Secretarial ORDER(s) signed October 18, 1985; and, AO32-211311, Specific Condition 11.]

A.6. Visible Emissions - Soot Blowing and Load Change. Visible emissions shall not exceed 60 percent opacity during the 3-hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit's rated capacity and which occurs at a rate of 0.5 percent per minute or more.

Visible emissions above 60 percent opacity shall be allowed for not more than 4, six (6)-minute periods, during the 3-hour period of excess emissions allowed for boiler cleaning and load changes, at units which have installed continuous opacity monitors.

[Rule 62-210.700(3), F.A.C.]

A.7. Particulate Matter. Particulate matter emissions shall not exceed 0.1 pound per million Btu heat input, as measured by applicable compliance methods.

[Rule 62-296.405(1)(b), F.A.C.]

A.8. Particulate Matter - Soot Blowing and Load Change. Particulate matter emissions shall not exceed an average of 0.3 pound per million Btu heat input during the 3-hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

[Rule 62-210.700(3), F.A.C.]

A.9. Sulfur Dioxide - Solid Fuel. When burning solid fuel, sulfur dioxide emissions shall not exceed 6.17 pounds per million Btu heat input, as measured by applicable compliance methods. Because this allowable emission rate indicates exceedences (through dispersion modeling) of the State of Florida's Ambient Air Quality Standards within plant property boundaries, precautions must be maintained to preclude public access to the property (see **Facility Condition 13.**).

[Rules 62-204.240(1), 62-213.440 & 62-296.405(1)(c)2.d., F.A.C.]

A.10. Sulfur Dioxide - Liquid Fuel. When burning liquid fuel, sulfur dioxide emissions shall not exceed 2.75 pounds per million Btu heat input, as measured by applicable compliance methods.

[Rule 62-296.405(1)(c)1.j., F.A.C.]

A.11. Sulfur Dioxide - Sulfur Content. The No. 2 fuel oil sulfur content shall not exceed 0.5 percent, by weight, as measured by applicable test methods.

[Applicant request in initial Title V permit application received June 14, 1996.]

Excess Emissions

A.12. Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

A.13. Excess emissions resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.

[Rule 62-210.700(2), F.A.C.]

A.14. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.

[Rule 62-210.700(4), F.A.C.]

Monitoring of Operations

{Permitting Note: In accordance with the Acid Rain Phase II requirements, the following continuous monitors are installed on these units: SO₂, NO_x, CO₂ and stack gas flow.}

A.15. Continuous Monitors. These emissions units shall operate and maintain continuous monitoring systems for monitoring opacity and CO₂.

[Rule 62-296.405(1)(f)1., F.A.C.]

A.16. Sulfur Dioxide. Those emissions units not having an operating flue gas desulfurization device may monitor sulfur dioxide emissions by fuel sampling and analysis according to methods approved by the EPA. **The permittee elected to satisfy the monitoring requirements using SO₂ continuous emissions monitors. In addition, compliance with the liquid fuel sulfur limit will be verified by a fuel analysis provided by the vendor upon each fuel delivery (see specific condition A.24.).**

[Rule 62-296.405(1)(f)1.b., F.A.C.]

Required Tests, Test Methods and Procedures

{Permitting Note: The attached Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.17. Annual Tests Required. Units -001 and -002 must be tested annually for SO₂ and PM emissions in accordance with the requirements listed below.

A.18. Visible Emissions. The test method for visible emissions shall be DEP Method 9 (see specific condition **A.19.**), incorporated in Chapter 62-297, F.A.C. A transmissometer may be used and calibrated according to Rule 62-297.520, F.A.C. **The Permittee has elected to utilize a transmissometer (opacity meter) for demonstrating compliance with the visible emissions limit.** As long as the transmissometer is calibrated, maintained, and operated in accordance with Performance Specification 1 of 40 CFR 60, Appendix B (see specific condition **A.23.**), the annual test for visible emissions is not required.

[Rules 62-213.440 and 62-296.405(1)(e)1., F.A.C.]

A.19. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

1. EPA Method 9, Section 2.4, Recording Observations. Opacity observations shall be made and recorded by a certified observer at sequential fifteen second intervals during the required period of observation.
2. EPA Method 9, Section 2.5, Data Reduction. For a set of observations to be acceptable, the observer shall have made and recorded, or verified the recording of, at least 90 percent of the possible individual observations during the required observation period. For single-valued opacity standards (e.g., 20 percent opacity), the test result shall be the highest valid six-minute average for the set of observations taken. For multiple-valued opacity standards (e.g., 20 percent opacity, except that an opacity of 40 percent is permissible for not more than two minutes per hour) opacity shall be computed as follows:
 - a. For the basic part of the standard (i.e., 20 percent opacity) the opacity shall be determined as specified above for a single-valued opacity standard.
 - b. For the short-term average part of the standard, opacity shall be the highest valid short-term average (i.e., two-minute, three-minute average) for the set of observations taken.

In order to be valid, any required average (i.e., a six-minute or two-minute average) shall be based on all of the valid observations in the sequential subset of observations selected, and the selected subset shall contain at least 90 percent of the observations possible for the required averaging time. Each required average shall be calculated by summing the opacity value of each of the valid observations in the appropriate subset, dividing this sum by the number of valid observations in the subset, and rounding the result to the nearest whole number. The number of missing observations in the subset shall be indicated in parenthesis after the subset average value.

[Rules 62-297.310, and 62-297.401, F.A.C.]

A.20. Particulate Matter. The test methods for particulate matter emissions shall be EPA Methods 17, 5, 5B, or 5F, incorporated by reference in Chapter 62-297, F.A.C. The minimum sample volume shall be 30 dry standard cubic feet. EPA Method 5 may be used with filter temperature no more than 320 degrees Fahrenheit. For EPA Method 17, stack temperature shall be less than 375 degrees Fahrenheit. The owner or operator may use EPA Method 5 to demonstrate compliance. EPA Method 3 or 3A with Orsat analysis shall be used when the oxygen based F-factor, computed according to EPA Method 19, is used in lieu of heat input. Acetone wash shall be used with EPA Method 5 or 17.

[Rules 62-213.440, 62-296.405(1)(e)2., 62-297.310, and 62-297.401, F.A.C.]

A.21. Sulfur Dioxide. The test methods for sulfur dioxide emissions shall be EPA Methods 6, 6A, 6B, or 6C, incorporated by reference in Chapter 62-297, F.A.C. Fuel sampling and analysis may be used as an alternate sampling procedure if such a procedure is incorporated into the operation permit for the emissions unit. If the emissions unit obtains an alternate procedure under the provisions of Rule 62-297.620, F.A.C., the procedure shall become a condition of the emissions unit's permit. The Department will retain the authority to require EPA Method 6 or 6C if it has reason to believe that exceedences of the sulfur dioxide emissions limiting standard are occurring. Results of an approved fuel sampling and analysis program shall have the same effect as EPA Method 6 test results for purposes of demonstrating compliance or noncompliance with sulfur dioxide standards.

[Rules 62-213.440, 62-296.405(1)(e)3., & 62-297.310, 62-297.401, F.A.C.; and, AO32-211311.]

{Permitting Note: The permittee has elected to demonstrate compliance by means of a continuous emissions monitoring system (CEMS). In addition to any other requirements associated with the operation and maintenance of these CEMS (i.e., Acid Rain requirements), operation of the CEMS shall be in accordance with the requirements listed below. The annual calibration RATA associated with these CEMS may be used in lieu of the required annual EPA Reference Method 6, as long as all of the requirements of Rule 62-297.310, F.A.C., are met (i.e., prior test notification, proper test result submittal, etc.).}

A.22. Continuous SO₂ emission monitoring 24-hour averages are required to demonstrate compliance with the standards of the Department (see specific conditions **A.9.** & **A.10.**). A valid 24-hour average shall consist of no less than 18 hours of valid data capture per calendar day. In the event that valid data capture is interrupted, the permittee shall immediately initiate as-fired fuel sampling to demonstrate compliance with the SO₂ emissions standard. As-fired fuel sampling shall continue until such time as valid data capture is restored. In lieu of as-fired fuel sampling, the permittee may elect to demonstrate SO₂ emissions compliance by the temporary use of a spare SO₂ emissions monitor. The spare, previously calibrated, SO₂ emissions monitor must be installed and collecting data in the same time frame as required above for as-fired fuel sampling.

The permittee shall maintain a quality control (QC) program. At a minimum, the QC program must include written procedures which shall describe in detail complete, step-by-step procedures and operations for each of the following activities:

1. Calibration of CEMS.
2. Calibration Drift (CD) determination and adjustment of CEMS.
3. Preventative maintenance of CEMS (including spare parts inventory).
4. Data recording, calculations and reporting.
5. Accuracy audit procedures including sampling and analysis methods.
6. Program of corrective action for malfunctioning CEMS.

[Rules 62-213.440, 62-204.800(7)(e)5., and 62-296.405(1)(f)1.b., F.A.C.; and, AO32-211311.]

A.23. Continuous Monitor Performance Specifications. If continuous monitoring systems are required by rule or are elected by the permittee to be used for demonstrating compliance with the standards of the Department, they must be installed, maintained and calibrated, either:

(a) in accordance with the EPA performance specifications listed below. These Performance Specifications are contained in 40 CFR 60, Appendix B, and are adopted by reference in Rule 62-204.800, F.A.C.

- (1) Performance Specification 1--Specifications and Test Procedures for Opacity Continuous Emission Monitoring Systems in Stationary Sources.
- (2) Performance Specification 2--Specifications and Test Procedures for SO₂ Continuous Emission Monitoring Systems in Stationary Sources.
- (3) Performance Specification 3--Specifications and Test Procedures for CO₂ Continuous Emission Monitoring Systems in Stationary Sources. Or,

(b) in accordance with the applicable requirements of 40 CFR 75, Subparts B and C. Excess emissions pursuant to Rule 62-210.700, F.A.C., shall be determined using the 40 CFR part 75 CEMS.

[Rule 62-297.520, F.A.C.; 40 CFR 75; and, Applicant request.]

A.24. Fuel Sampling and Analysis. The following fuel sampling and analysis protocol shall be used as an alternate sampling procedure authorized by permit to demonstrate compliance with the sulfur dioxide standard in the event that the SO₂ continuous emissions monitor is not able to capture valid data:

- a. Determine and record the as-fired fuel sulfur content, percent by weight, for liquid fuels using either ASTM D2622-92, ASTM D4294-90, both ASTM D4057-88 and ASTM D129-91, or the latest edition, to analyze a representative sample of the blended fuel following each fuel delivery.
- b. Determine and record the as-fired fuel sulfur content, percent by weight, for coal using ASTM D2013-72 and either ASTM D3177-75 or ASTM D4239-85, or the latest edition, to analyze a representative sample of the blended as-fired pulverized coal.
- c. Determine and record the density (using ASTM D 1298-80, or equivalent) and the calorific heat value in Btu per pound (using ASTM D 240-76, or the latest edition) of the fuel oil combusted.
- d. Determine and record the calorific heat value in Btu per pound of the blended, as-fired pulverized coal using ASTM D2013-72 and either ASTM D2015-77 or D3286-(latest version), or the latest edition.
- e. Record daily the amount of each fuel fired, the density of the fuel oil, the heating value of each fuel fired, and the percent sulfur content, by weight, of each fuel fired.
- f. Utilize the information in a., b., c., d. and e., above, to calculate the SO₂ emission rate to ensure compliance at all times.

[Rules 62-213.440, 62-296.405(1)(e)3., 62-296.405(1)(f)1.b. and 62-297.440, F.A.C.]

A.25. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

2. For excess emission limitations for particulate matter specified in Rule 62-210.700, F.A.C., a compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emissions unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator does not burn liquid and/or solid fuel for more than 400 hours other than during startup.
3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:
 - a. Did not operate; or
 - b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.
4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:
 - a. Visible emissions, if there is an applicable standard;
 - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds

- measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
- c. Each NESHAP pollutant, if there is an applicable emission standard.
5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours.
9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.
- (b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.
- (c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; and, SIP Approved.]

Compliance Test Requirements

A.26. Determination of Process Variables.

- (a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

[Rule 62-297.310(5), F.A.C.]

{Permitting Note: The permittee and the Department agree that the CEMS used for the federal Acid Rain Program conservatively overestimates the heat input for this unit. The monitoring data for heat input is therefore not appropriate for purposes of compliance, including annual compliance certification.}

A.27. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.

[Rule 62-297.310(6), F.A.C.]

A.28. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.

[Rule 62-297.310(1), F.A.C.]

A.29. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

A.30. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.
2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:
 - a. For batch, cyclical processes, or other operations which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.

- b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.
 - c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.
 - (b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.
 - (c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.
 - (d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1.
 - (e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.
- [Rule 62-297.310(4), F.A.C.]

TABLE 297.310-1
CALIBRATION SCHEDULE

ITEM	MINIMUM CALIBRATION FREQUENCY	REFERENCE INSTRUMENT	TOLERANCE
Liquid in glass thermometer	Annually	ASTM Hg in glass ref. thermometer or equivalent, or thermometric points	+/-2%
Bimetallic thermometer	Quarterly	Calib. liq. in glass thermometer	5 degrees F
Thermocouple	Annually	ASTM Hg in glass ref. thermometer, NBS calibrated reference and potentiometer	5 degrees F
Barometer	Monthly	Hg barometer or NOAA station	+/-1% scale
Pitot Tube	When required or when damaged	By construction or measurements in wind tunnel D greater than 16" and standard pitot tube	See EPA Method 2, Fig. 2-2 & 2-3
Probe Nozzles	Before each test or when nicked, dented, or corroded	Micrometer	+/-0.001" mean of at least three readings Max. deviation between readings .004"
Dry Gas Meter and Orifice Meter	1. Full Scale: When received, When 5% change observed, Annually 2. One Point: Semiannually 3. Check after each test series	Spirometer or calibrated wet test or dry gas test meter	2%
		Comparison check	5%

Recordkeeping and Reporting Requirements

A.31. The owner or operator shall maintain daily records of fuel consumption and each analysis that provides the heating value and sulfur content for all fuels fired. These records must be of sufficient detail to determine compliance with the allowable sulfur dioxide emission limitations.

[Rules 62-213.440 & 62-4.070(3), F.A.C.]

A.32. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

A.33. Submit to the Department a written report of emissions in excess of emission limiting standards as set forth in Rule 62-296.405(1), F.A.C., for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

[Rules 62-213.440 and 62-296.405(1)(g), F.A.C.]

A.34. A maintenance log of the continuous monitoring systems shall be kept showing the following:

- a. Time out of service.
- b. Calibration and adjustments.

[Rule 62-213.440, F.A.C.; and, AO32-211311, specific condition 8.]

A.35. Test Reports.

- (a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.
- (b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.
- (c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:
 1. The type, location, and designation of the emissions unit tested.
 2. The facility at which the emissions unit is located.
 3. The owner or operator of the emissions unit.
 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
 5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
 6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.

7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.
11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

[Rules 62-213.440 and 62-297.310(8), F.A.C.]

Miscellaneous Conditions.

A.36. Used Oil. Burning of on-specification used oil is allowed in this emissions unit in accordance with all other conditions of this permit and the following conditions:

- a. **On-specification Used Oil Emissions Limitations:** This emissions unit is permitted to burn on-specification used oil, which contains a PCB concentration of less than 50 ppm. On-specification used oil is defined as used oil that meets the specifications of 40 CFR 279 - Standards for the Management of Used Oil, listed below. "Off-specification" used oil shall not be burned. Used oil which fails to comply with any of these specification levels is considered "off-specification" used oil.

CONSTITUENT/PROPERTY	ALLOWABLE LEVEL
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	1000 ppm maximum
Flash point	100 degrees F minimum

- b. Quantity Limitation: This emissions unit is permitted to burn “on-specification” used oil that is generated by Gulf Power Company, not to exceed 50,000 gallons per calendar year in each boiler (-004 & -005).
- c. PCB Limitation: Used oil containing a PCB concentration of 50 or more ppm shall not be burned at this facility. Used oil shall not be blended to meet this requirement.
- d. Operational Requirements: On-specification used oil with a PCB concentration of 2 to less than 50 ppm shall be burned only at normal source operating temperatures. On-specification used oil with a PCB concentration of 2 to less than 50 ppm shall not be burned during periods of startup or shutdown.
- e. Testing Requirements: For each batch of used oil to be burned, the owner or operator must be able to demonstrate that the used oil qualifies as on-specification used oil and that the PCB content is less than 50 ppm.

The requirements of this demonstration are governed by the following federal regulations:

Analysis of used oil fuel. A generator, transporter, processor/re-refiner, or burner may determine that used oil that is to be burned for energy recovery meets the fuel specifications of Sec. 279.11 by performing analyses or obtaining copies of analyses or other information documenting that the used oil fuel meets the specifications.

[40 CFR 279.72(a)]

Testing of used oil fuel. Used oil to be burned for energy recovery is presumed to contain quantifiable levels (2 ppm) of PCB unless the marketer obtains analyses (testing) or other information that the used oil fuel does not contain quantifiable levels of PCBs.

- (i) The person who first claims that a used oil fuel does not contain quantifiable level (2 ppm) PCB must obtain analyses or other information to support that claim.
- (ii) Testing to determine the PCB concentration in used oil may be conducted on individual samples, or in accordance with the testing procedures described in Sec. 761.60(g)(2). However, for purposes of this part, if any PCBs at a concentration of 50 ppm or greater have been added to the container or equipment, then the total container contents must be considered as having a PCB concentration of 50 ppm or greater for purposes of complying with the disposal requirements of this part.

- (iii) Other information documenting that the used oil fuel does not contain quantifiable levels (2 ppm) of PCBs may consist of either personal, special knowledge of the source and composition of the used oil, or a certification from the person generating the used oil claiming that the oil contains no detectable PCBs.

[40 CFR 761.20(e)(2)]

When testing is required, the owner or operator shall sample and analyze each batch of used oil to be burned for the following parameters:

Arsenic, cadmium, chromium, lead, total halogens, flash point and PCBs.

Testing (sampling, extraction and analysis) shall be performed using approved methods specified in EPA Publication SW-846 (Test Methods for Evaluating Solid Waste, Physical/Chemical Methods).

Additionally, the owner or operator shall sample and analyze each batch of used oil to be burned for the sulfur content (by weight), density and heat content in accordance with applicable test methods (see specific condition **A.24.**).

- f. **Record Keeping Requirements:** The owner or operator shall obtain, make, and keep the following records related to the use of used oil in a form suitable for inspection at the facility by the Department:
- (1) The gallons of on-specification used oil placed into inventory to be burned and the gallons of on-specification used oil burned each month, and
 - (2) For each deposit of used oil, results of the analyses as required by the above conditions, or
 - (3) Other information, besides testing, used to make a claim that the used oil meets the requirements of on-specification used oil or that the used oil contains less than 50 ppm of PCBs.

[40 CFR 279.72(b), 40 CFR 279.74(b) and 40 CFR 761.20(e)]

- g. **Reporting Requirements:** The owner or operator shall submit, with the Annual Operation Report form, the analytical results required above and the total amount of on-specification used oil placed into inventory to be burned and the total amount of on-specification used oil burned during the previous calendar year.

[Rules 62-4.070(3) and 62-213.440, F.A.C.; and, 40 CFR 279 and 40 CFR 761, unless otherwise noted.]

Section IV. Acid Rain Part.

Operated by: Gulf Power Company
ORIS Code: 0642

Subsection A. This subsection addresses Acid Rain, Phase II.

The emissions units listed below are regulated under Acid Rain, Phase II.

E.U.

<u>ID No.</u>	<u>Description</u>
-001	Boiler Number 1 - 645.7 MMBtu/hour
-002	Boiler Number 2 - 645.7 MMBtu/hour

A.0. *The following Acid Rain Part will not become effective until the terms of Appendix CP-1, Alternate Phase II NO_x Compliance Plan have been met. At such time, a statement of satisfaction will be sent to the permittee and shall be attached to this permit. After such time, this condition and Appendix CP-1 shall be removed during the next opening of this permit. In order for the permittee to utilize the Phase II NO_x Averaging Plan contained in the Acid Rain Part listed below by the January 1, 2000 effective date of the Phase II NO_x limits, the terms of Appendix CP-1 must be satisfied by December 1, 1999. Otherwise, the "Acid Rain Part" contained in Appendix CP-1 will continue to be the applicable "Acid Rain Part" until January 1 of the year following satisfaction of the requirements of Appendix CP-1.*

A.1. The Phase II permit applications, the Phase II NO_x compliance plans and the Phase II NO_x averaging plans submitted for this facility, as approved by the Department, are a part of this permit (included as Attachments). The owners and operators of these Phase II acid rain units must comply with the standard requirements and special provisions set forth in the applications listed below:

- a. DEP Form No. 62-210.900(1)(a), F.A.C., dated 07/01/95.
- b. DEP Form No. 62-210.900(1)(a)4., F.A.C., dated 01/06/98.
- c. ~~DEP Form No. 62-210.900(1)(a)5., F.A.C., dated 01/06/98.~~
- d. DEP Form No. 62-210.900(1)(a)5., F.A.C., dated 08/__/99.

[Chapter 62-213 and Rule 62-214.320, F.A.C.]

A.2. Sulfur dioxide (SO₂) allowance allocations and nitrogen oxide (NO_x) requirements for each Acid Rain unit are as follows:

E.U. ID #	EPA ID	Year	2000	2001	2002	2003	2004
-001	ID No. 1 Boiler 1	SO ₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	1,958*	1,958*	1,958*	1,958*	1,958*
		NO _x limit	Pursuant to 40 CFR 76.11, the Florida Department of Environmental Protection approves five (5) NO _x emissions averaging plans for this unit. Each plan is effective for one calendar year for the 2000, 2001, 2002, 2003 and 2004. Under each plan, this unit's NO _x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.68 lb/MMBtu . In addition, this unit shall not have an annual heat input greater than 1,855,434 MMBtu .				
			Also, see Additional Requirements 1, 2 and 3, below.				
-002	ID No. 2 Boiler 2	SO ₂ allowances, under Table 2, 3, or 4 of 40 CFR 73	2,050*	2,050*	2,050*	2,050*	2,050*
		NO _x limit	Pursuant to 40 CFR 76.11, the Florida Department of Environmental Protection approves five (5) NO _x emissions averaging plans for this unit. Each plan is effective for one calendar year for the 2000, 2001, 2002, 2003 and 2004. Under each plan, this unit's NO _x emissions shall not exceed the annual average alternative contemporaneous emission limitation of 0.77 lb/MMBtu . In addition, this unit shall not have an annual heat input less than 1,864,795 MMBtu .				
			Also, see Additional Requirements 1, 2 and 3, below.				

*The number of allowances held by an Acid Rain source in a unit account may differ from the number allocated by the USEPA under Table 2, 3, or 4 of 40 CFR 73.

Additional Requirements

1. Under the plan (NO_x Phase II averaging plan), the actual Btu-weighted annual average NO_x emission rate for the units in the plan shall be less than or equal to the Btu-weighted annual average NO_x emission rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations under 40 CFR 76.5, 76.6, or 76.7, except that for any early election units, the applicable emission limitations shall be under 40 CFR 76.7. If the designated representative demonstrates that the requirement of the prior sentence (as set forth in 40 CFR 76.11(d)(1)(ii)(A)) is met for a year under the plan, then this unit shall be deemed to be in compliance for that year with its alternative contemporaneous annual emission limitation and annual heat input limit.
2. In accordance with 40 CFR 72.40(b)(2), approval of the averaging plan shall be final only after the Alabama Department of Environmental Management, the Jefferson County (Alabama) Department of Health, the Georgia Department of Natural Resources and the Mississippi Department of Environmental Quality, have also approved this averaging plan.
3. In addition to the described NO_x compliance plan, this unit shall comply with all other applicable requirements of 40 CFR part 76, including the duty to reapply for a NO_x compliance plan and requirements covering excess emissions.

A.3. Emission Allowances. Emissions from sources subject to the Federal Acid Rain Program (Title IV) shall not exceed any allowances that the source lawfully holds under the Federal Acid Rain Program. Allowances shall not be used to demonstrate compliance with a non-Title IV applicable requirement of the Act.

1. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Federal Acid Rain Program, provided that such increases do not require a permit revision pursuant to Rule 62-213.400(3), F.A.C.
2. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.
3. Allowances shall be accounted for under the Federal Acid Rain Program.

[Rule 62-213.440(1)(c)1., 2. & 3., F.A.C.]

A.4. Fast-Track Revisions of Acid Rain Parts. Those Acid Rain sources making a change described at Rule 62-214.370(4), F.A.C., may request such change as provided in Rule 62-213.413, F.A.C.

[Rules 62-213.413 and 62-214.370(4), F.A.C.]

A.5. Comments, notes, and justifications: The Designated Representative has changed from Frederick Kuester to G. Edison Holland, Jr. to Robert G. Moore to Bill M. Guthrie to Charles D. McCrary.

The alternative designated representatives have been changed to include Robert G. Moore and James O. Vick.

Reporting Requirements

A.6. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3), F.A.C., shall be submitted within 60 (sixty) days after the end of the calendar year. {See condition 51., APPENDIX TV-3, TITLE V CONDITIONS}
[Rule 62-214.420(11), F.A.C.]

A.7. Demonstration of Compliance With the Phase II NO_x Averaging Plan. The Designated Representative shall provide a copy of the demonstration of compliance, prepared in accordance with 40 CFR 76.11(d), to the Department within 60 (sixty) days after the end of the calendar year.
[Rule 62-213.440, F.A.C.]

Subsection B. This subsection addresses Acid Rain, Phase I.

{Permitting note: The U.S. EPA issues Acid Rain Phase I permits.}

The emissions unit(s) listed below are regulated under Acid Rain Part, Phase I.

The emissions units listed below are substitution units regulated under Acid Rain, Phase I, for Gulf Power Company, Crist Generating Station Unit Number 7, **Facility ID No.:** 0330045, **ORIS code:** 0643.

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-001	Boiler Number 1 - 645.7 MMBtu/hour
-002	Boiler Number 2 - 645.7 MMBtu/hour

B.1. The Phase I permits, issued by the U.S. EPA, are a part of this permit. The owners and operators of these Phase I acid rain units must comply with the standard requirements and special provisions set forth in the Phase I permits issued December 14, 1994.
[Chapter 62-213, F.A.C.]

B.2. Comments, notes, and justifications: None.

Appendix I-1, List of Insignificant Emissions Units and/or Activities.

Gulf Power Company
Scholz Electric Generating Plant

PROPOSED Permit No.: 0630014-001-AV
Facility ID No.: 0630014

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

	<u>State Registration Number</u>	<u>Contents</u>	<u>Size (Gallons)</u>
1.	Tank #1	#2 Diesel - Fuel Oil	15,000
2.	Tank #2	#2 Diesel - Fuel Oil	200,000
3.	Tank #3	#2 Diesel - Fuel Oil	150,000
4.	--	Used Oil	300

Miscellaneous

5. Fire Safety Equipment
6. Vacuum Pumps
7. Laboratory Equipment
8. Welding
9. Gulf Power Company Generated Non-hazardous Boiler Chemical Cleaning Wastes
(Not to exceed 50 gallons per minute)

Appendix U-1, List of Unregulated Emissions Units and/or Activities.

Gulf Power Company
Scholz Electric Generating Plant

PROPOSED Permit No.: 0630014-001-AV
Facility ID No.: 0630014

Unregulated Emissions Units and/or Activities. An emissions unit which emits no “emissions-limited pollutant” and which is subject to no unit-specific work practice standard, though it may be subject to regulations applied on a facility-wide basis (e.g., unconfined emissions, odor, general opacity) or to regulations that require only that it be able to prove exemption from unit-specific emissions or work practice standards.

The below listed emissions units and/or activities are neither ‘regulated emissions units’ nor ‘insignificant emissions units’.

E.U. ID

No. Brief Description of Emissions Units and/or Activity

- aaa Material Handling of Coal and Ash
- bbb Fugitive PM Sources - On-site Vehicles
- ccc General Purpose Internal Combustion Engines

- aaa Material Handling of Coal and Ash. Fugitive PM emissions generated from the transfer and handling of coal and ash. SCC: 3-05-101-03.
- bbb Fugitive PM Sources. Fugitive PM emissions generated by haul trucks and other on-site vehicles. SCC: 3-05-101-50.
- ccc General Purpose Internal Combustion Engines. located for use at this source are miscellaneous internal combustion engines used to operate the following: welders, compressors, generators, water pumps, sweepers, and other auxiliary equipment.

Appendix H-1, Permit History/ID Number Changes

(For Tracking Purposes Only)

Gulf Power Company
Scholz Electric Generating Plant

Permit No.: 0630014-001-AV
Facility ID No.: 0630014

E.U.

<u>ID No</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u> ^{2,3}	<u>Extended Date</u>	<u>Revise Date(s)</u>
-001	Coal Fired Boiler #1	AO32-211311 Secretarial ORDER ¹ AC32-2004	04/17/92 10/18/85 1/10/74	04/01/97 9/15/74		
-002	Coal Fired Boiler #2	AO32-211311 Secretarial ORDER ¹ AC32-2005	04/17/92 10/18/85 1/10/74	04/01/97 9/15/74		

ID Number Changes (for tracking purposes):

From: **Facility ID No.:** 10PCY320014

To: **Facility ID No.:** 0630014

-
- 1 Secretarial ORDER issued to relax semi-annual PM testing requirement to annual.
 - 2 AO permit(s) automatic extension(s) in Rule 62-210.300(2)(a)3.a., F.A.C., effective 03/21/96.
 - 3 AC permit(s) automatic extension(s) in Rule 62-213.420(1)(a)4., F.A.C., effective 03/20/96.
{Rule 62-213.420(1)(b)2., F.A.C., allows Title V Sources to operate under existing valid permits that were in effect at the time of application until the Title V permit becomes effective.}

Referenced Attachments

Phase I Acid Rain Permits

Phase II Acid Rain Application/NO_x Compliance Plan

Appendix CP-1, Alternate Phase II Acid Rain NO_x Compliance Plan

Appendix SO-1, Secretarial ORDER(s)

Appendix A-1, Abbreviations, Definitions, Citations, and Identification Numbers

Appendix SS-1, Stack Sampling Facilities (version dated 10/7/96)

Appendix TV-3, Title V Conditions (version dated 4/30/99)

Table 1-1, Summary of Air Pollutant Standards and Terms

Table 2-1, Compliance Requirements



facsimile TRANSMITTAL

Mississippi, Tennessee, Alabama, Georgia, Florida, Kentucky, South Carolina, North Carolina

To: Jonathan Hottem
FDEP

Fax #: 850-922-6979

Subject: Plant Scholz Objection letter

From: Katy Forney Phone#: 404-562-9130

Date: 9-30-99

Pages: 7, including this cover sheet.

COMMENTS:

RECEIVED
SEP 30 1999
BUREAU OF AIR REGULATION



Air & Radiation Technology Branch
U.S. Environmental Protection Agency
81 Forsyth Street, SW, 12th Floor
Atlanta, Georgia 30303

404-562-9105
FAX: 404-562-9095



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 4
ATLANTA FEDERAL CENTER
61 FORSYTH STREET
ATLANTA, GEORGIA 30303-8960

SEP 30 1999

4APT-ARB

Howard I. Rhodes, Director
Department of Environmental Protection
Division of Air Resources Management
Mail Station 5500
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

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SEP 30 1999

BUREAU OF AIR REGULATION

SUBJ: EPA's Review of Proposed Title V Permit
Gulf Power Company
Scholz Electric Generating Plant
Permit No. 0630014-001-V

Dear Mr. Rhodes:

The purpose of this letter is to provide comments to the Florida Department of Environmental Protection (DEP) on the proposed title V operating permit for Gulf Power Company - Scholz Electric Generating Plant, which was posted on DEP's web site on August 17, 1999. Based on the Environmental Protection Agency's (EPA's) review of the proposed permit and the supporting information for this facility, EPA formally objects, under the authority of Section 505(b) of the Clean Air Act (the Act) and 40 C.F.R. §70.8(c) (see also Florida Regulation 62-213.450), to the issuance of the title V permit for this facility. The basis of EPA's objection is that the permit does not fully meet the periodic monitoring requirements of 40 C.F.R. §70.6(a)(3)(i), and does not assure compliance with the applicable requirements of 40 C.F.R. §70.6(a)(1).

Section 70.8(c) requires EPA to object to the issuance of a proposed permit in writing within 45 days of receipt of the proposed permit (and all necessary supporting information) if EPA determines that the permit is not in compliance with the applicable requirements under the Act or 40 C.F.R. Part 70. Section 70.8(c)(4) and Section 505(c) of the Act further provide that if the State fails to revise and resubmit a proposed permit within 90 days to satisfy the objection, the authority to issue or deny the permit passes to EPA and EPA will act accordingly. Because the objection issues must be fully addressed within the 90 days, we suggest that the revised permit be submitted in advance in order that any outstanding issues may be addressed prior to the expiration of the 90-day period.

Pursuant to 40 C.F.R. §70.8(c), this letter and its enclosure contain a detailed explanation of the objection issues and the changes necessary to make the permit consistent with the



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Mississippi, Tennessee, Alabama, Georgia, Florida, Kentucky,
South Carolina, North Carolina

To: Jonathan Holtom
FDEP

Fax #: 850-922-6979

Subject: Plant Scholz Objectia ltr

From: Katy Formey

Phone#: 404-562-9130

Date: 9-30-99

Pages: 7, including this cover sheet.

COMMENTS:

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SEP 30 1999
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Air & Radiation Technology Branch
U.S. Environmental Protection Agency
81 Forsyth Street, SW, 12th Floor
Atlanta, Georgia 30303

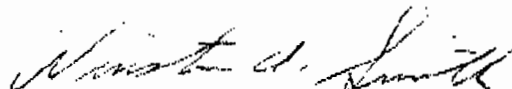
404-562-9105
Fax: 404-562-9095

2

requirements of 40 C.F.R. Part 70. The enclosure also contains general comments applicable to the permit.

If you have any questions or wish to discuss this further, please contact Mr. Gregg Worley, Chief, Operating Source Section at (404) 562-9141. Should your staff need additional information they may contact Ms. Elizabeth Bartlett, Florida Title V Contact, at (404) 562-9122 or Ms. Angelia Souder-Blackwell, Associate Regional Counsel, at (404) 562-9527.

Sincerely,



Winston A. Smith
Director
Air, Pesticides & Toxics
Management Division

Enclosure

cc: Mr. James O. Vick
Mr. G. Dwain Waters
Gulf Power Company

Enclosure

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SEP 30 1999

BUREAU OF AIR REGULATION

U.S. EPA Region 4 Objection
Proposed Part 70 Operating Permit
Gulf Power Company
Scholz Electric Generating Plant
Permit No. 0630014-001-AV

I. EPA Objection Issues

1. Periodic Monitoring: Condition A.17 of the permit requires the source to conduct annual testing for particulate matter. The Statement of Basis for this permit states that this testing frequency "is justified by the low emission rate documented in previous emissions tests while firing coal" and "the Department and EPA have determined that sources without controls whose emissions are less than half the effective standard shall test annually."

While EPA has in the past accepted this approach as adequate periodic monitoring for particulate matter, it has done so only for uncontrolled natural gas and fuel oil fired units. The oil/coal fired units addressed in condition A.17 use add-on control equipment to comply with the applicable particulate matter standard. In order to provide reasonable assurance of compliance for these units, the results of annual stack testing will have to be supplemented with additional monitoring. Furthermore, the results of an annual test alone would not constitute an adequate basis for the annual certification of compliance that the facility will have to submit for these units.

The most common approach addressing periodic monitoring for particulate emission limits on units with add-on controls is to establish an opacity or a control device parameter indicator range that would provide evidence of proper control device operation. The primary goal of such monitoring is to provide reasonable assurance of compliance, and one way of achieving this goal is to use opacity data or control device operating parameter data from previous successful compliance tests to identify the range of values that has corresponded to compliance in the past. Operating within the range of values identified in this manner would provide assurance that the control device is operating properly and would serve as the basis for an annual certification. Depending upon the margin of compliance during the tests used to establish the opacity or control device indicator range, going outside the range could represent either a period of time when an exceedance of the applicable standard is likely or it could represent a trigger for initiating corrective action to prevent an exceedance of the standard. In order to avoid any confusion regarding the consequences of going outside the indicator range, the permit must specify whether corrective action must be taken when a source operates outside the established indicator range.



facsimile
TRANSMITTAL

Mississippi, Tennessee, Alabama, Georgia, Florida, Kentucky,
South Carolina, North Carolina

To: Jonathan Holtom
FDEP

Fax #: 850-922-6979

Subject: Plant Scholz Objective letter

From: Katy Formey

Phone#: 404-562-9130

Date: 9-30-99

Pages: 7, including this cover sheet.

COMMENTS:



Air & Radiation Technology Branch
U.S. Environmental Protection Agency
81 Forsyth Street, SW, 12th Floor
Atlanta, Georgia 30303

404-562-9105
Fax: 404-562-9085

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2

One possible way of resolving this deficiency in the Scholz permit would be to use language similar to that found in the proposed Plant Crist Title V permit.

2. Compliance Testing: This permit is not clear about the frequency of testing that the facility needs to follow for particular matter (PM). Condition A.17 states that the source must conduct annual testing for PM. However, condition A.25 establishes that the facility will conduct testing once a year if liquid or solid fuel is burned more than 400 hours, and no other testing is required otherwise. The

based on 24-hour averages. It is unclear in the permit which emission standard applies when both solid and liquid fuels are burned in the same 24-hour period.

II. General Comments

1. Compliance Certification: Facility-wide Condition 12 of the permit should specifically reference the required components of Appendix TV-3, item 51, which lists the compliance certification requirements of 40 C.F.R. 70.6(c)(5)(iii), to ensure that complete certification information is submitted to EPA.
2. Section III, A.9: Condition A.9 specifies that, when burning solid fuel, sulfur dioxide emissions shall not exceed 6.17 lb/mmBtu. Although Condition A.16 indicates that continuous emissions monitors will be used to assure compliance with this limit, we recommend that condition A.16 be revised to clarify that the dilutant (CO₂ or O₂) concentration is also monitored to ensure compliance with A.9.
3. Section III, A.20: Condition A.20 states during the particulate matter emission test, there must be a minimum sample volume of 30 dry standard cubic feet. Condition A.30(b) states the minimum sample volume will be 25 dry standard cubic feet, unless otherwise specified. In order to clarify which condition is applicable, we recommend adding a permitting note to Condition A.20.
4. Section III, A.22: Condition A.22 states, when there is less than 18 hours of valid data from the CEMS, fuel sampling will be done to ensure compliance. Condition A.22 should be revised to clarify the need for fuel sampling when both solid and liquid fuel are burned in the same 24-hour period, yet one or more of the fuels are burned less than the required 18 hours.
5. Acid Rain: Please note that the Phase II Averaging Plan submitted by the source is an enforceable part of this permit. The Averaging Plan, Phase II NO_x Compliance Plan and Phase II Acid Rain permit application should be referenced and attached as enforceable parts of the Title V permit. We note that Phase II permit applications, Phase II NO_x Compliance Plans and the Phase II Averaging Plans submitted by this source are referenced in Condition A.1 of the proposed permit and under the Section entitled, "Referenced attachments made part of this permit" by the form number and a date. It is unclear, however, whether or not the dates referenced in these sections are dates in which the documents were received by Florida DEP or the date that the forms were signed by the respective designated representative. The signature dates on the documents do not correspond with the dates referenced in the permit body. In order to avoid confusion, particularly when there are revisions to original plans that are being incorporated into the permit, we recommend that the permit refer to the signature

date as indicated on the specific document being referenced (e.g., DEP Form NO 62-210.900(1)(a)5, F.A.C., signed 08/17/99).

6. Acid Rain: Appendix CP-1, Section IV, Acid Rain Part, Condition A.2. indicates the NOx requirements for units 1 and 2. The citation indicated "40 C.F.R. 76.5(a)(1)" appears to be in error. Since these units are listed as dry bottom wall-fired boilers the emission limit of 0.50 lb/mmBtu should be referenced as originating under 40 C.F.R. 76.5(a)(2).

Also, we understand, that the Appendix CP-1 is only intended to address the initial issuance of the Title V/Acid Rain permit and that it does not address any future revisions to the plan. Future revisions will be subject to a different compliance plan.

Charles D. McCrary
Chief Production Officer
President -
Southern Company Generation

600 North 18th Street / 15N-8170
Post Office Box 2641
Birmingham, Alabama 35291

Scott

Tel 205.257.2243
Fax 205.257.5019

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NOV 24 1999

November 23, 1999

BUREAU OF AIR REGULATION



Energy to Serve Your WorldSM

Mr. Clair H. Fancy, P.E.
Chief, Bureau of Air Regulation
Air Resources Management Division
Florida Department of Environmental Protection
Mail Station 5500
2600 Blair Stone Road
Tallahassee, Florida 32399 - 2400

Dear Mr. Fancy:

This letter is provided in accordance with the requirements outlined in Section IV Acid Rain Part and Appendix CP.-1 of the Crist Electric Generating Plant, Scholz Electric Generating Plant, and the Lansing Smith Electric Generating Plant Title V permits. On December 8, 1997, Southern Company submitted a Phase II NOx Averaging Plan to the States of Alabama, Florida, Georgia, and Mississippi and to Jefferson County, Alabama, with copies to the U.S. Environmental Protection Agency at Region IV and the Acid Rain Division. The plan was updated on April 15, 1999, from 71 to 75 units operated by Southern Company across the four state region. Following several comments from EPA Region IV and a few administrative changes, the plan was signed and resubmitted on July 23, 1999.

The initial Southern Company NOx averaging plan has been approved by the Alabama Department of Environmental Management, Georgia Environmental Protection Division, Mississippi Department of Environmental Quality, and the Jefferson County, Alabama, Department of Health. In conjunction with final approval of the averaging plan, the agencies have or are in the process of updating permits for these units per the November 18, 1999, letter to you from Mr. R. Douglas Neeley, U.S. Environmental Protection Agency.

This certification is based on information and belief formed after reasonable inquiry. To the best of my knowledge, the statements and information in this document are true, accurate, and complete as required by 62-213.420 (4) F.A.C.

If you have questions about the plan or the status of approval, please contact Mr. Danny Herrin, Manager, Clean Air Compliance, Southern Company Generation, at (205) 257-6468.

Sincerely,

Charles D. McCrary

cc: Ronald W. Gore, Alabama Department of Environmental Management
Ronald C. Methier, Georgia Environmental Protection Division
Dwight Wylie, Mississippi Department of Environmental Quality
James I. Carroll, Jefferson County Department of Health
R. Doug Neeley, U.S. Environmental Protection Agency
Robert Miller, U.S. Environmental Protection Agency



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 REGION 4
 ATLANTA FEDERAL CENTER
 61 FORSYTH STREET
 ATLANTA, GEORGIA 30303-8960

Copy: D. Waters - Gulf
 J. Hunter - TSC
 11/24 E. Middelmeant - NAD
 B. Thomas - SW Dist
 J. Campbell - HCEPC
 P. Coner - OGC
 H. Rhodes - DARM

Scott, P&I

NOV 17 1999

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NOV 22 1999

4APT-ARB

Mr. Clair H. Fancy, P.E.
 Chief
 Bureau of Air Regulation
 Air Resources Management Division
 Florida Department of Environmental
 Protection
 Mail Station 5500
 2600 Blair Stone Road
 Tallahassee, FL 32399-2400

BUREAU OF AIR REGULATION

Dear Mr. Fancy:

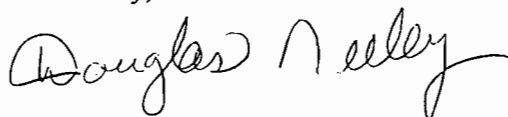
This letter is to follow up on our recent conversation regarding the approval process for the multi-state Phase II Acid Rain NO_x Averaging Plan submitted by participating Southern Company plants to their respective State permitting authorities. Our conversation focused on the status of the proposed averaging plan, should the process of approval through the issuance of permits incorporating the plan not be completed by all the relevant permitting authorities by the Phase II effective date of January 1, 2000.

It is our understanding that the Florida Department of Environmental Protection (FDEP) has set a goal to complete the title V permitting process (i.e., finalize the title V permits) for the Gulf Power plants participating in the Southern Company Phase II NO_x Averaging Plan by the end of this year. There remains the possibility, however, due to title V permitting delays that the FDEP may not approve Southern Company's plan and incorporate the plan into final title V permits by the end of this year.

The Acid Rain Division of the Environmental Protection Agency (EPA) considers a compliance plan submitted with an Acid Rain permit application to be part of the Acid Rain permit application (see 40 CFR 72.31(c)). This would include a Phase II NO_x Averaging Plan; however, it would not include a petition for an alternative emission limitation period, a final alternative emission limitation or a renewal of a final alternative emission limitation. Therefore, the permit application shield provided in the Acid Rain regulations extends to a Phase II NO_x Averaging Plan that is timely and complete (see 40 CFR 72.32(b)). Further, a complete Phase II NO_x Averaging Plan is binding on the owners and operators until issuance or denial of the Acid Rain permit (see 40 CFR 72.32(c)). Under these rule provisions the units included in the Southern Company Phase II NO_x Averaging Plan are required to operate in accordance with the terms of the averaging plan until the final approval of the plan (i.e., when all permitting authorities with jurisdiction over the units in the plan have approved the plan) (see 40 CFR 72.40(b)(2)).

If you have any questions or concerns regarding this matter, please contact Jenny Jachim of the EPA Region 4 staff at (404) 562-9126.

Sincerely,

A handwritten signature in cursive script that reads "Douglas Neeley".

R. Douglas Neeley

Chief

Air & Radiation Technology Branch

Air, Pesticides and Toxics

Management Branch

cc: W. Danny Herrin, Southern Company Services, Inc.
Ronald W. Gore, Alabama Department of Environmental Management
Ronald C. Methier, Environmental Protection Division
James L. Carroll, Jefferson County Department of Health
Dwight Alpern, Acid Rain Division
Robert Miller, Acid Rain Division

INTEROFFICE MEMORANDUM

Sensitivity: COMPANY CONFIDENTIAL

Date: 18-Feb-2000 10:34am
✓ **From:** Jonathan Holtom TAL 850/921-95
HOLTOM_J@AI

Dept:
Tel No:

Subject: Re: 2000 Title V Fees

To clarify item 1, for Phase I units, fees are not required to be paid in 2000 for calendar year 1999 emissions, but will be required to be paid in 2001 for Calendar year 2000 emissions.

For item 2, you are correct. Rule 62-213.205(1)(e)1., F.A.C., allows fees to be calculated based on information obtained from a certified continuous emissions monitor. Stack gas flow rates are to be determined using calibrated flow meters, if available. Since you have them, you must use them. An alternate fee calculation method may be requested and should be submitted in accordance with Rule 62-213.205(1)(e)3., F.A.C. The intent is for these alternate methods to be approved before a facility begins to use them. It is difficult to provide a retroactive approval to the beginning of the year, and should not be expected. If you wish to use an alternate method for any of calendar year 2000 (to be paid by March 1, 2001), it is suggested that your request be submitted to Scott Sheplak as soon as possible.

Item 3, you are correct. You may use actual documented fuel usage, but must multiply by the allowable sulfur limit rather than the actual sulfur limit. You may reduce your fee burden by requesting a lower sulfur limit that is more reflective of your actual emissions. To be permanent, this lower limit must be established in a construction permit and then revised into the Title V permit. If you wish to reduce your fee obligation for emissions calendar year 2000, it is suggested that you initiate a permitting action fairly quickly.

If you have further questions, or would like help calculating your fees for 1999, please do not hesitate to call me at (850) 921-9531.

Sincerely, Jonathan Holtom.

This email serves as documentation of our conversation yesterday (2/17/00) regarding several issues on Title V fees. The following is a summary of your responses to my earlier noted questions: Please let me know if there are any errors. Thanks.

1. Emissions fees are not required for Phase I Acid Rain units (Crist & Scholz) for year 2000. These units are still exempt under the rule. Fees are expected in year 2001.

2. Gulf's request to use actual fuel usage/heat input (mbtu/yr) multiplied times the actual CEM emission rate (lbs/mbtu) for Scholz to calculate NOx emissions for year 2000 is not acceptable. Gulf will need to go through the Alternative Procedures Review process with Mike Harley before FDEP can accept this method to determine annual emission fees. (This turns out not

to be an issue for year 2000 because of item 1 above.)

3. Gulf's request to use actual fuel usage data for natural gas and actual monthly sulfur analyses under the current petition for NSPS and Acid Rain Part 75 at Pea Ridge is not acceptable to determine annual SO2 emissions for natural gas because the Pea Ridge construction permit has a limit of 0.8% Sulfur. The permit limit must be used to determine annual SO2 emissions for the facility. Gulf can request an alternative emissions limit under the current permit negotiations for next year.

Please let me know if there are errors in the above summary. Thanks.

G. Dwain Waters
Air Quality Programs Coordinator
(850) 444-6527
gdwaters@southernco.com

RFC-822-headers:

Received: from epic5.dep.state.fl.us ([199.73.143.30])
by mail.epic1.dep.state.fl.us (PMDF V5.2-32 #37976)
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18 Feb 2000 10:34:28 -0500 (EST)

INTEROFFICE MEMORANDUM

Date: 18-Feb-2000 09:31am
✓ **From:** Waters, Glenn D.
GDWATERS@southernco.com
Dept:
Tel No:

Subject: 2000 Title V Fees

This email serves as documentation of our conversation yesterday (2/17/00) regarding several issues on Title V fees. ✓The following is a summary of your responses to my earlier noted questions: Please let me know if there are any errors. Thanks.

1. Emissions fees are not required for Phase I Acid Rain units (Crist & Scholz) for year 2000. These units are still exempt under the rule. Fees are expected in year 2001.
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3. Gulf's request to use actual fuel usage data for natural gas and actual monthly sulfur analyses under the current petition for NSPS and Acid Rain Part 75 at Pea Ridge is not acceptable to determine annual SO2 emissions for natural gas because the Pea Ridge construction permit has a limit of 0.8% Sulfur. The permit limit must be used to determine annual SO2 emissions for the facility. Gulf can request an alternative emissions limit under the current permit negotiations for next year.

Please let me know if there are errors in the above summary. Thanks.

G. Dwain Waters
Air Quality Programs Coordinator
(850) 444-6527
gdwaters@southernco.com

RFC-822-headers:

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18 Feb 2000 09:30:20 -0500 (EST)

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X-Mailer: Internet Mail Service (5.5.2448.0)

Jonathan

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OCT 26 1998

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Dept. of Environmental Protection
Office of General Counsel

H.S.M.
In the Matter of an
Application for Permit by:

OGC No. 97-1824

Gulf Power Company
One Energy Place
Pensacola, FL 32520

DRAFT Permit No.: 0330045-001-AV
Crist Plant
Escambia County

REQUEST FOR EXTENSION OF TIME

By and through undersigned counsel, Gulf Power Company (Gulf) hereby requests, pursuant to Florida Administrative Code Rules 62-110.106(4), an extension of time, to and including December 1, 1998, in which to file a Petition for Administrative Proceedings in the above-styled matter. As good cause for granting this request, Gulf states the following:

H.S.M.
1. On or about October 12, 1998, Gulf received from the Department of Environmental Protection (Department) an "Intent to Issue Revised Title V Air Operation Permit" (Permit No. 0330045-001-AV) for the Crist Plant located in Escambia County, Florida. Along with the Intent to Issue, Gulf received a revised draft Title V permit and "Public Notice of Intent to Issue Revised Title V Air Operation Permit." Gulf had previously received the original Intent to Issue and draft Title V permit on October 6, 1997.

2. By order dated October 13, 1998, the Department granted an extension of time until December 1, 1998, within which to file a petition for an administrative hearing regarding the original Intent to Issue and draft Title V Permit.

3. The revised draft permit and associated documents contain several provisions that warrant clarification or correction.

BEST AVAILABLE COPY

4. Representatives of Gulf have corresponded and intend to continue to correspond with staff of the Department's Bureau of Air Regulation in an effort to resolve all issues.

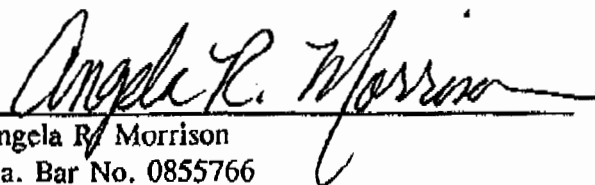
5. This request is filed simply as a protective measure to avoid waiver of Gulf's right to challenge certain conditions contained in the revised draft Title V permit. Grant of this request will not prejudice either party, but will further their mutual interest and likely avoid the need to file a petition and proceed to a formal administrative hearing.

6. Counsel for Gulf has attempted without success to contact Jeffrey Brown with the Office of General Counsel regarding this request.

WHEREFORE, Gulf respectfully requests that the time for filing of a Petition for Administrative Proceedings in regard to the Department's Intent to Issue Revised Title V Air Operation Permit for Permit No. 0330045-001-AV be formally extended to and including December 1, 1998. If the Department denies this request, Gulf requests the opportunity to file a Petition for Administrative Proceedings within 10 days of such denial.

Respectfully submitted this 26th day of October, 1998.

HOPPING GREEN SAMS & SMITH, P.A.



Angela R. Morrison
Fla. Bar No. 0855766
123 South Calhoun Street
Post Office Box 6526
Tallahassee, FL 32314
(904) 222-7500

Attorney for GULF POWER COMPANY

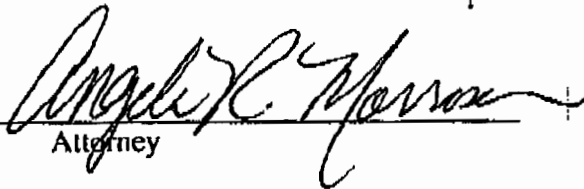
CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished to the following

by U.S. Mail on this 26th day of October, 1998:

Clair H. Fancy, P.E.
Chief
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600

Jeffrey Brown
Office of General Counsel
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600



Attorney

Jonathan Holloway

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

RECEIVED

GULF POWER COMPANY
(Scholz Plant),

DEC 04 1998

Petitioner,

BUREAU OF
AIR REGULATION

vs.

OGC CASE NO. 97-1823

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION,

Respondent.

ORDER GRANTING REQUEST FOR EXTENSION
OF TIME TO FILE PETITION FOR HEARING

This cause has come before the Florida Department of Environmental Protection (Department) on receipt of a request made by Petitioner, GULF POWER COMPANY, to grant an extension of time to file a petition for an administrative hearing on Permit No. 0630014-001-AV. See Exhibit 1.

Respondent, State of Florida Department of Environmental Protection, has no objection to it. Therefore,

IT IS ORDERED:

The request for an extension of time to file a petition for administrative proceeding is granted. Petitioner shall have until February 1, 1999, to file a petition in this matter. Filing shall be complete on receipt by the Office of General Counsel, Mail Station 35, Department of Environmental Protection, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000.

DONE AND ORDERED on this 3d day of December, 1998, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


F. PERRY ODOM
General Counsel

Douglas Building, MS #35
3900 Commonwealth Boulevard
Tallahassee, FL 32399-3000
Telephone: (850) 488-9314

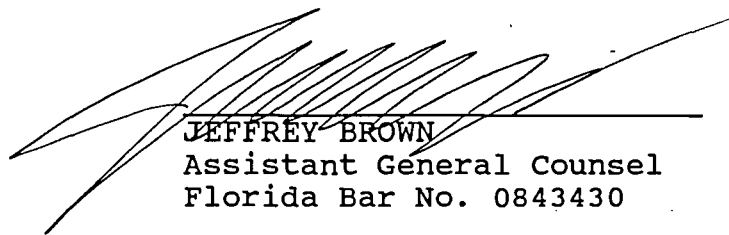
CERTIFICATE OF SERVICE

I CERTIFY that a true copy of the foregoing was mailed to:

Angela R. Morrison
123 South Calhoun Street
Tallahassee, Florida 32314

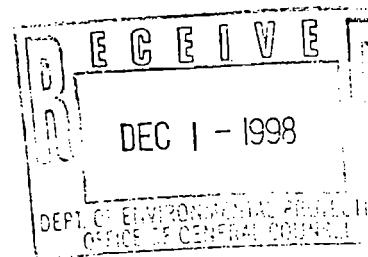
on this 4 day of December, 1998.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


JEFFREY BROWN
Assistant General Counsel
Florida Bar No. 0843430

Mail Station 35
3900 Commonwealth Boulevard
Tallahassee, FL 32399-3000
Telephone: (850) 488-9314

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION



In the Matter of an
Application for Permit by:

OGC No. 97-1823

Gulf Power Company
One Energy Place
Pensacola, FL 32520

DRAFT Permit No.: 0630014-001-AV
Scholz Plant
Jackson County

REQUEST FOR EXTENSION OF TIME

By and through undersigned counsel, Gulf Power Company (Gulf) hereby requests, pursuant to Florida Administrative Code Rules 62-110.106(4), an extension of time, to and including February 1, 1999, in which to file a Petition for Administrative Proceedings in the above-styled matter. As good cause for granting this request, Gulf states the following:

1. On or about October 6, 1997, Gulf received from the Department of Environmental Protection (Department) an "Intent to Issue Title V Air Operation Permit" (Permit No. 0630014-001-AV) for the Scholz Plant located in Escambia County, Florida. Along with the Intent to Issue, Gulf received a draft Title V permit and "Public Notice of Intent to Issue Title V Air Operation Permit."
2. By order dated October 12, 1998, the Department granted an extension of time until December 1, 1998, within which to file a petition for an administrative hearing.
3. The draft permit and associated documents contain several provisions that warrant clarification or correction.

4. Representatives of Gulf have corresponded and intend to continue to correspond with staff of the Department's Bureau of Air Regulation in an effort to resolve all issues.

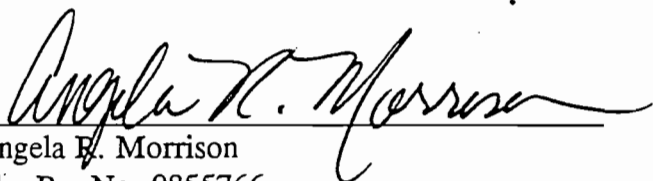
5. This request is filed simply as a protective measure to avoid waiver of Gulf's right to challenge certain conditions contained in the draft Title V permit. Grant of this request will not prejudice either party, but will further their mutual interest and likely avoid the need to file a petition and proceed to a formal administrative hearing.

6. Counsel for Gulf has attempted without success to contact Jonathan Holtom with the Department's Bureau of Air Regulation regarding this request.

WHEREFORE, Gulf respectfully requests that the time for filing of a Petition for Administrative Proceedings in regard to the Department's Intent to Issue Title V Air Operation Permit for Permit No. 0630014-001-AV be formally extended to and including February 1, 1999. If the Department denies this request, Gulf requests the opportunity to file a Petition for Administrative Proceedings within 10 days of such denial.

Respectfully submitted this 1st day of December, 1998.

HOPPING GREEN SAMS & SMITH, P.A.


Angela E. Morrison
Fla. Bar No. 0855766
123 South Calhoun Street
Post Office Box 6526
Tallahassee, FL 32314
(850) 222-7500

Attorney for GULF POWER COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished to the following by
U.S. Mail on this 1st day of December, 1998.

Clair H. Fancy, P.E.
Chief
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600

Jeffrey Brown
Office of General Counsel
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600



Attorney

INTEROFFICE MEMORANDUM

Sensitivity: COMPANY CONFIDENTIAL

Date: 28-Nov-2000 10:16am

From: Yi Zhu TAL
ZHU_Y

Dept: Air Resources Management

Tel No: 850/921-9558

To: Jonathan Holtom TAL

(HOLTOM_J)

Subject: Re: arms upload

These uploads are complete. Thank you. Yi

*Hi Yi,

*The following EARS applications are ready for your review and upload to ARMS:

* Gulf Power - Scholz - DEP

* Gulf Power - Smith - DEP

*

*Thanks for your help, Jonathan. (4/27/00)

*

INTEROFFICE MEMORANDUM

(Draft)

Date: 27-Apr-2000 09:31am
From: Jonathan Holtom TAL
Dept:
Tel No:

To: Yi Zhu TAL (ZHU_Y)

Subject: arms upload

Hi Yi,

The following EARS applications are ready for your review and upload to ARMS:

Gulf Power - Scholz - DEP

Gulf Power - Smith - DEP

Thanks for your help, Jonathan.

- ✓ Emissions Unit 1 Pollutant 2 Allowable Emissions 1 Fequency Base Date is Re quired when Compliance Test Frequency has a value.
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- ✓ Emissions Unit 2 Pollutant 5 Allowable Emissions 1 Fequency Base Date is Re quired when Compliance Test Frequency has a value.

Scholz-DEP
#3

Scholz-DEP
#2

- ✓ EU 1 Visible Emissions 1 Need Regulation.
- ✓ EU 2 Visible Emissions 1 Need Regulation.
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- ✓ EU 1 Pollutant 2 Allowable 2 Need Regulation.
- ✓ EU 2 Pollutant 1 Allowable 1 Need Regulation.
- ✓ EU 2 Pollutant 2 Allowable 1 Need Regulation.
- ✓ EU 2 Pollutant 2 Allowable 2 Need Regulation.
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- ✓ Emissions Unit 2 Pollutant 19 Emission Factor Unit Code.
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EU 3 Segment 2 SCC Code is invalid. *Fugitive from vehicle miles traveled*

- ✓ EU 1 Pollutant 1 Allowable 1 Need Regulation.
- ✓ Emission Unit 3 Control Equipment Number 1 Code .
- ✓ Emission Unit 4 Control Equipment Number 1 Code .
- ✓ Emissions Unit 1 Regulation 1 Regulation Type.
- ✓ Emissions Unit 1 Regulation 2 Regulation Type.
- ✓ Emissions Unit 1 Regulation 3 Regulation Type.
- ✓ Emissions Unit 2 Regulation 1 Regulation Type.
- ✓ Emissions Unit 2 Regulation 2 Regulation Type.
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Sholey - DEP #1

2nd pg Potential emissions

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Emission Unit 2 Visible Emissions 1 Visible Emissions SubType Must Be a 2 d
igit Number.

GULF POWER COMPANY
ONE ENERGY PLACE
PENSACOLA, FLORIDA 32520-0328

To: Jonathan Helton

Company: FDEP

Phone: _____

Fax: 850 922 6979

From: Dwain Waters

Company: Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0328

Phone: 850 444-6527

Fax: 850.444.6217

Date: Nov 24, 1999

Pages including this cover page: 2

Comments:

DR certification of Nox Avg. Plan.

Charles D. McCrary
 Chief Production Officer
 President -
 Southern Company Generation

600 North 18th Street / 15N-8170
 Post Office Box 2641
 Birmingham, Alabama 35291

TEL 205.257.2243
 Fax 205.257.5019

November 23, 1999



Mr. Clair H. Fancy, P.E.
 Chief, Bureau of Air Regulation
 Air Resources Management Division
 Florida Department of Environmental Protection
 Mail Station 5500
 2600 Blair Stone Road
 Tallahassee, Florida 32399 - 2400

Dear Mr. Fancy:

This letter is provided in accordance with the requirements outlined in Section IV Acid Rain Part and Appendix CP.-1 of the Crist Electric Generating Plant, Scholz Electric Generating Plant, and the Lansing Smith Electric Generating Plant Title V permits. On December 8, 1997, Southern Company submitted a Phase II NOx Averaging Plan to the States of Alabama, Florida, Georgia, and Mississippi and to Jefferson County, Alabama, with copies to the U.S. Environmental Protection Agency at Region IV and the Acid Rain Division. The plan was updated on April 15, 1999, from 71 to 75 units operated by Southern Company across the four state region. Following several comments from EPA Region IV and a few administrative changes, the plan was signed and resubmitted on July 23, 1999.

The initial Southern Company NOx averaging plan has been approved by the Alabama Department of Environmental Management, Georgia Environmental Protection Division, Mississippi Department of Environmental Quality, and the Jefferson County, Alabama, Department of Health. In conjunction with final approval of the averaging plan, the agencies have or are in the process of updating permits for these units per the November 18, 1999, letter to you from Mr. R. Douglas Neeley, U.S. Environmental Protection Agency.

This certification is based on information and belief formed after reasonable inquiry. To the best of my knowledge, the statements and information in this document are true, accurate, and complete as required by 62-213.420 (4) F.A.C.

If you have questions about the plan or the status of approval, please contact Mr. Danny Herrin, Manager, Clean Air Compliance, Southern Company Generation, at (205) 257-6468.

Sincerely,

cc: Ronald W. Gore, Alabama Department of Environmental Management
 Ronald C. Methier, Georgia Environmental Protection Division
 Dwight Wylie, Mississippi Department of Environmental Quality
 James I. Carroll, Jefferson County Department of Health
 R. Doug Neeley, U.S. Environmental Protection Agency
 Robert Miller, U.S. Environmental Protection Agency



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 REGION 4
 ATLANTA FEDERAL CENTER
 61 FORSYTH STREET
 ATLANTA, GEORGIA 30303-8960

copy: D. Walters - Gulf
 J. Hunter - Eco
 11/24 E. Middelmeier - NW dist
 B. Thomas - SW dist
 J. Campbell - HCEPC
 P. Comer - OGC
 H. Rhodes - DAP/m

NOV 17 1999

RECEIVED

NOV 22 1999

4APT-ARB

Mr. Clair H. Fancy, P.E.
 Chief
 Bureau of Air Regulation
 Air Resources Management Division
 Florida Department of Environmental
 Protection
 Mail Station 5500
 2600 Blair Stone Road
 Tallahassee, FL 32399-2400

BUREAU OF AIR REGULATION

Dear Mr. Fancy:

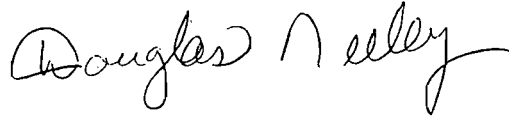
This letter is to follow up on our recent conversation regarding the approval process for the multi-state Phase II Acid Rain NO_x Averaging Plan submitted by participating Southern Company plants to their respective State permitting authorities. Our conversation focused on the status of the proposed averaging plan, should the process of approval through the issuance of permits incorporating the plan not be completed by all the relevant permitting authorities by the Phase II effective date of January 1, 2000.

It is our understanding that the Florida Department of Environmental Protection (FDEP) has set a goal to complete the title V permitting process (i.e., finalize the title V permits) for the Gulf Power plants participating in the Southern Company Phase II NO_x Averaging Plan by the end of this year. There remains the possibility, however, due to title V permitting delays that the FDEP may not approve Southern Company's plan and incorporate the plan into final title V permits by the end of this year.

The Acid Rain Division of the Environmental Protection Agency (EPA) considers a compliance plan submitted with an Acid Rain permit application to be part of the Acid Rain permit application (see 40 CFR 72.31(c)). This would include a Phase II NO_x Averaging Plan; however, it would not include a petition for an alternative emission limitation period, a final alternative emission limitation or a renewal of a final alternative emission limitation. Therefore, the permit application shield provided in the Acid Rain regulations extends to a Phase II NO_x Averaging Plan that is timely and complete (see 40 CFR 72.32(b)). Further, a complete Phase II NO_x Averaging Plan is binding on the owners and operators until issuance or denial of the Acid Rain permit (see 40 CFR 72.32(c)). Under these rule provisions the units included in the Southern Company Phase II NO_x Averaging Plan are required to operate in accordance with the terms of the averaging plan until the final approval of the plan (i.e., when all permitting authorities with jurisdiction over the units in the plan have approved the plan) (see 40 CFR 72.40(b)(2)).

If you have any questions or concerns regarding this matter, please contact Jenny Jachim of the EPA Region 4 staff at (404) 562-9126.

Sincerely,

A handwritten signature in black ink that reads "Douglas Neeley". The signature is written in a cursive style with a large, prominent "D" and "N".

R. Douglas Neeley

Chief

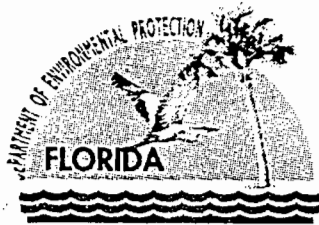
Air & Radiation Technology Branch

Air, Pesticides and Toxics

Management Branch

cc: W. Danny Herrin, Southern Company Services, Inc.
Ronald W. Gore, Alabama Department of Environmental Management
Ronald C. Methier, Environmental Protection Division
James L. Carroll, Jefferson County Department of Health
Dwight Alpern, Acid Rain Division
Robert Miller, Acid Rain Division

Call [unclear]



Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

October 25, 1999

Mailed Friday
10/29

Mr. R. Douglas Neeley, Chief
Air and Radiation Technology Branch
Air, Pesticides and Toxics Management Division
United States Environmental Protection Agency, Region 4
61 Forsyth Street, SW
Atlanta, GA 30303-8909

Re: Proposed Changes to the Proposed Title V Permit for the Gulf Power – Scholz Plant,
to Address EPA Objections Received September 30, 1999.

Dear Mr. Neeley:

This letter is to document changes that Gulf Power Company and the Department propose to satisfy EPA Region 4 objections to Florida's Proposed Title V permit for the Gulf Power – Scholz Plant. These objections were detailed in a letter from EPA Region 4 dated September 30, 1999. Enclosed for your review, please find responses to your objections, a revised Statement of Basis, a revised proposed permit and a revised Appendix CP-1.

Resolution of these objections is crucial in order for Gulf Power to receive a Final Title V permit, including the Southern Company's multi-state NO_x averaging plan, by December 31, 1999. Upon your concurrence with the responses listed below, the Department will issue a Final Title V permit that contains the changes as indicated.

Should you have any questions regarding this submission, please contact Mr. Jonathan Holtom, P.E., at (850) 921-9531.

Sincerely,

C.H. Fancy, P.E.
Chief
Bureau of Air Regulation

Enclosures.

cc: Mr. James Vick, Gulf Power Company
Mr. G. Dwain Waters, Gulf Power Company (E-mail)
Ms. Elizabeth Bartlett, USEPA Region 4 (E-mail)

CHF/jh

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Jonathan

One Energy Place
Pensacola, Florida 32520

850.444.6111

RECEIVED

OCT 20 1999

October 18, 1999

BUREAU OF AIR REGULATION

CERTIFIED MAIL



Mr. Scott M. Sheplak , P.E.
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. Sheplak:

RE: EPA Objection to Proposed Title V Permit
Plant Scholz : Permit No: 0630014-001-V

Attached, please find Gulf Power's response to EPA's letter dated 9/30/99 as attached to your correspondence on October 11, 1999 (received 10/14/99) regarding EPA's formal objection of the Scholz Title V Permit No. 0630014-001-V. Gulf Power would like to make a written reply to EPA within the 45 day window allowed for an applicant to include supportive materials in the record relevant to the issues raised by the objection.

As you may recall from our meeting on August 6, 1999 regarding EPA's objection to Plant Crist, many of the issues identified by EPA address specific issues regarding format and errors that FDEP needs to directly address. Comments regarding these specific FDEP issues have been provided to us by Jonathan Holtom of your staff and have been incorporated with ours in the attached response. Please send the attached response with those by your staff to EPA before November 18, 1999. If possible, Gulf Power would like to review your final draft before it is routed to EPA.

Because these issues are similar to those recently resolved for Plant Crist, Gulf Power does not believe a face to face meeting with EPA is needed unless new issues arise. Gulf Power requests FDEP acquire EPA Region IV written comments regarding this response as soon as possible and before the deadline for permit issuance. If there are continuing issues on the Scholz Title V permit we will need to continue discussions regarding the de-coupling of the Title IV and V programs in Florida should it still be needed.

If you have any questions or need further information, please call me (850) 444-6527.

Sincerely,

G. Dwain Waters, Q.E.P.
Air Quality Programs Coordinator

Mr. Scott M. Sheplak, P.E.

Page 2

October 18, 1999

cc/watt: Danny Herrin, Southern Company Services
Robert G. Moore, Gulf Power Company
James O Vick, Gulf Power Company
Kim Flowers Gulf Power Company
Ken Peacock, Gulf Power Company
Angela Morrison, Hopping, Green, Sams & Smith
Jonathan Holtom, FDEP (by email)
Elizabeth Bartlett, EPA Region IV(by email)
Katy Forny, EPA Region IV(by email)

**Gulf Power's Response to EPA's Region IV Letter of Objection dated
September 30, 1999 regarding the Scholz Title V Permit
(Permit No. 0630014-001-V)
10/18/99**

Background: On October 14, 1999, Gulf Power received notification from FDEP that EPA issued a formal objection to the Scholz Title V permit. In accordance with Florida law, the FDEP can not issue a final Title V Crist permit until the objection is resolved or withdrawn. Gulf Power may file a written reply to the objection within 45 days from the day FDEP serves notice to the applicant (i.e. October 14). Within 90 days, FDEP will have to resolve the objection by issuing a permit that satisfies EPA or EPA will assume authority for the permit. At this point, FDEP's role is one of a mediator between Gulf Power and EPA. All correspondence with EPA must flow through FDEP. Outlined below are Gulf Power comments regarding the issues raised by EPA in the Scholz Title V Objection.

**U.S. EPA Region 4 Objection
Proposed Part 70 Operating Permit
Gulf Power Company
Scholz Electric Generating Plant
Permit no. 0630014-001-V**

I. EPA Objection Issues

1. **Periodic Monitoring:** Condition A.17 of the permit requires the source to conduct annual testing for particulate matter. The Statement of Basis for this permit states that this testing frequency "is justified by the low emission rate documented in previous emissions tests while firing coal" and "the Department and EPA have determined that sources without controls whose emissions are less than half the effective standard shall test annually."

While EPA has in the past accepted this approach as adequate periodic monitoring for particulate matter, it has done so only for uncontrolled natural gas and fuel oil fired units. The oil/coal fired units addressed in condition A.17 use add-on control equipment to comply with the applicable particulate matter standard. In order to provide reasonable assurance of compliance for these units, the results of annual stack testing will have to be supplemented with additional monitoring. Furthermore, the results of an annual test alone would not constitute an adequate basis for the annual certification of compliance that the facility will have to submit for these units.

The most common approach addressing periodic monitoring for particulate emission limits on units with add-on controls is to establish an opacity or a control device parameter indicator range that would provide evidence of proper control device operation. The primary goal of such monitoring is to provide reasonable assurance of compliance, and one way of achieving this goal is to use opacity data or control device operating parameter data from previous successful compliance tests to identify the range of values that has corresponded to compliance in the past. Operating within the range of values identified in this manner would provide assurance that the control device is operating properly and would serve as the basis for an annual certification. Depending upon the margin of compliance during the tests used to establish the opacity or control device indicator range, going outside the range could represent either a period of time when an exceedance of the applicable standard is likely or it could represent a trigger for initiating corrective action to prevent an exceedance of the standard. In order to avoid any confusion regarding the consequences of going

outside the indicator range, the permit must specify whether corrective action must be taken when a source operates outside the established indicator range.

One possible way of resolving this deficiency in the Scholz permit would be to use language similar to that found in the proposed Plant Crist Title V permit.

Gulf Power Response 1:

In order to satisfy the periodic monitoring issue, Gulf Power recommends the following condition be added to the miscellaneous conditions in Section A:

A.37. Periodic Monitoring Requirements. Periodic monitoring for particulate matter shall be COMs. For any calendar quarter in which more than five percent of the COMs readings show 20% or greater opacity (excluding start-up, shut-down and periods of COMs outages), a steady state particulate matter stack test shall be performed and submitted within the following calendar quarter. The stack test shall comply with all of the testing and reporting requirements contained in the preceding specific conditions and, where practicable, shall be performed while operating at conditions representative to those showing greater than 20% opacity. Units are not required to be brought on-line solely for the purpose of performing this special compliance test. If the unit does not operate in the following quarter, the special compliance test may be postponed until the unit is brought back on-line. Once back on-line, the special test shall be performed within 20 days.

[Rule 62-213.440(4), F.A.C.]

2. **Compliance Testing:** This permit is not clear about the frequency of testing that the facility needs to follow for particular matter (PM). Condition A.17. states that the source must conduct annual testing for PM. However, condition A.25. establishes that the facility will conduct testing once a year if liquid or solid fuel is burned more than 400 hours, and no other testing is required otherwise. The permit needs to be clear about which one of these conditions the facility must follow to demonstrate compliance with PM limits. Additionally, this permit needs to include the regulatory basis for condition A.17.

Gulf Power Response 2:

Gulf Power recommends, Specific Condition A.17. to be changed:

From:

A.17. Annual Tests Required. Units -001 and -002 must be tested annually for SO₂ and PM emissions in accordance with the requirements listed below.

To:

A.17. Annual Tests Required. Except as provided in Specific Condition A.25., units -001 and -002 must be tested annually for SO₂ and PM emissions in accordance with the requirements listed below.

[Rule 62-297.310(7)(a)4., F.A.C.]

3. **Appropriate Averaging Times:** The particulate matter emission limits contained in conditions A.5 and A.7 do not contain averaging times. Because the stringency of emission limits is a function of both magnitude and averaging time, appropriate averaging times must be added to the permit in order for the limits to be practicably enforceable. An approach that may be used to address this deficiency is to include a general condition in the permit stating that the averaging times for all specified emission standards are tied to or based on the run time of the test method(s) used for determining compliance.

Additionally, condition A.18 does not contain an averaging time and should be revised. One possible resolution to this deficiency is to include a permitting note regarding the six minute averaging time of the visible emissions limit similar to the one in condition B.19. of the proposed Plant Crist permit.

Gulf Power Response 3:

Gulf Power recommends the following permitting note be placed in the permit after Specific Condition A.7.:

{Permitting Note: The averaging time shall correspond to the cumulative sample time, as specified in the reference test method (see specific condition **A.20.**).}

In addition, the following permitting note will be placed in the permit after Specific Condition A.18.:

{Permitting Note: A transmissometer used to demonstrate compliance should record sufficient data so as to be equivalent to a Method 9 test. Method 9 requires determining an average based on 24 readings at 15-second intervals, thus, a six-minute average. The transmissometers in use at this facility make a permanent recording every six-minutes based on an average of readings taken every 15 seconds. After the 6-minute average is recorded, the individual readings are erased and a new 6-minute average is determined based on the next set of 24 individual readings. This 6-minute block recording is consistent with the requirements of Method 9.}

4. Acid Rain: Section IV, "Acid Rain Part", Condition A.2. contains NO_x requirements for units 1 and 2. The requirement that the annual heat input for unit 2 shall not be "less than 1,864,795 MMBtu" appears to be in error. Please note that 40 CFR 76.11(d)(B) requires that for each unit in a NO_x Averaging Plan with an alternative contemporaneous emission limit (ACEL) that is less stringent than the applicable emission limit in § 76.5, 76.6, or 76.7, the actual annual heat input for the calendar year should not exceed the annual heat input limit in the averaging plan. Since the ACEL chosen by the source for unit 2 in the averaging plan is less stringent than the applicable emission limit for this unit, the requirement contained in Condition A.2. should be revised to indicate that the unit shall not have an annual heat input "greater than 1,864,795 MMBtu."

Gulf Power Response 4:

Gulf Power agrees with the requested correction.

5. Compliance with Emissions Standards: Conditions A.9. and A.10. contain the SO₂ emission limits of 6.17 lb/MMBtu and 2.75 lb/MMBtu when burning solid and liquid fuels, respectively. Condition A.22. indicates compliance will be demonstrated for the SO₂ emission limits using continuous emission monitoring based on 24-hour averages. It is unclear in the permit which emission standard applies when both solid and liquid fuels are burned in the same 24-hour period.

Gulf Power Response 5:

Typically, when a permit allows the combustion of multiple fuels that have different emission limiting standards, a prorated emission limit, based on respective percentages of heat input from each fuel, would apply. However, since fuel oil is only used for start-up and flame stabilization at this facility, and since the maximum heat input capacity when firing fuel oil is less than 2% of the maximum heat input capacity when firing coal, the prorated change would be very small. This, coupled with the reality that, due to the Acid Rain requirements, actual emissions are likely going to be much less than the allowable 6.17 lb/MMBtu, a recordkeeping effort to verify the prorated limit would impose a needless burden on the permittee. As a result of this comment, no changes are justified.

II. General Comments

1. **Compliance Certification:** Facility-wide Condition 12 of the permit should specifically reference the required components of Appendix TV-3, item 51, which lists the compliance certification requirements of 40 CFR 70.6(c)(5)(iii), to ensure that complete certification information is submitted to EPA.

Gulf Power Response 6:

This requirement is contained in Condition A.8. of the Acid Rain section.

2. **Section III, A.9:** Condition A.9 specifies that, when burning solid fuel, sulfur dioxide emissions shall not exceed 6.17 lb/MMBtu. Although Condition A.16. indicates that continuous emissions monitors will be used to assure compliance with this limit, we recommend that condition A.16. be revised to clarify that the diluant (CO₂ or O₂) concentration is also monitored to ensure compliance with A.9.

Gulf Power Response 7:

The requirement for a CO₂ monitor is mentioned in the permitting note preceding Specific Condition A.15. and is required by A.15. A revision to Specific Condition A.16. is not necessary.

3. **Section III, A.20:** Condition A.20. states during the particulate matter emission test, there must be a minimum sample volume of 30 dry standard cubic feet. Condition A.30(b) states the minimum sample volume will be 25 dry standard cubic feet, unless otherwise specified. In order to clarify which condition is applicable, we recommend adding a permitting note to Condition A.20.

Gulf Power Response 8:

In response to this comment, Gulf Power recommends the following permitting note be placed in the permit after Specific Condition A.30.(b):

{Permitting Note: Specific Condition A.20. specifies a minimum sample volume of 30 dry standard cubic feet.}

4. **Section III, A.22:** Condition A.22. states, when there is less than 18 hours of valid data from the CEMS, fuel sampling will be done to ensure compliance. Condition A.22. should be revised to clarify the need for fuel sampling when both solid and liquid fuel are burned in the same 24-hour period, yet one or more of the fuels are burned less than the required 18 hours.

Gulf Power Response 9:

Specific Condition A.22. specifies requirements for operation of the continuous emissions monitor which measures stack gas concentrations of SO₂. Fuel type has no bearing on this requirement. Further, since the liquid fuel is only used for start-up and flame stabilization purposes (which are typically short term activities), it does not make sense to require fuel sampling every time the units are in a start-up or flame stabilization mode. The liquid fuel properties are demonstrated by vendor delivery receipts (see Specific Condition A.16.). For used oil, sampling and analysis is required to demonstrate that the used oil qualifies as on-specification used oil before it can be combusted (see Specific Condition A.36.). No changes are needed as a result of this comment.

5. **Acid Rain:** Please note that the Phase II Averaging Plan submitted by the source is an enforceable part of this permit. The Averaging Plan, Phase II NO_x Compliance Plan and Phase II Acid Rain permit application should be referenced and attached as enforceable parts of the Title V permit. We note that Phase II permit applications, Phase II NO_x Compliance Plans and the Phase II Averaging Plans submitted by this source are referenced in Condition A.1. of the proposed permit and under the Section entitled, "Referenced attachments

made part of this permit” by the form number and a date. It is unclear, however, whether or not the dates referenced in these sections are dates in which the documents were received by Florida DEP or the date that the forms were signed by the respective designated representative. The signature dates on the documents do not correspond with the dates referenced in the permit body. In order to avoid confusion, particularly when there are revisions to original plans that are being incorporated into the permit, we recommend that the permit refer to the signature date as indicated on the specific document being referenced (e.g., DEP Form NO 62-210.900(1)(a)5, F.A.C., signed 08/17/99).

Gulf Power Response 10:

The dates referenced in the permit are the dates the forms were received by the Department. To help reduce confusion, Gulf Power recommends the date of signature also be reflected.

6. Acid Rain: Appendix CP-1, Section IV, Acid Rain Part, Condition A.2. indicates the NO_x requirements for units 1 and 2. The citation indicated “40 CFR 76.5(a)(1)” appears to be in error. Since these units are listed as dry bottom wall-fired boilers the emission limit of 0.50 lb/MMBtu should be referenced as originating under 40 CFR 76.5(a)(2).

Also, we understand, that the Appendix CP-1 is only intended to address the initial issuance of the Title V/Acid Rain permit and that it does not address any future revisions to the plan. Future revisions will be subject to a different compliance plan.

Gulf Power Response 11:

Gulf Power agrees to correct the Rule citation to 40 CFR 76.5(a)(2).

October 18, 1999

CERTIFIED MAIL

Mr. Scott M. Sheplak , P.E.
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. Sheplak:

RE: EPA Objection to Proposed Title V Permit
Plant Scholz : Permit No: 0630014-001-V

Attached, please find Gulf Power's response to EPA's letter dated 9/30/99 as attached to your correspondence on October 11, 1999 (received 10/14/99) regarding EPA's formal objection of the Scholz Title V Permit No. 0630014-001-V. Gulf Power would like to make a written reply to EPA within the 45 day window allowed for an applicant to include supportive materials in the record relevant to the issues raised by the objection.

As you may recall from our meeting on August 6, 1999 regarding EPA's objection to Plant Crist, many of the issues identified by EPA address specific issues regarding format and errors that FDEP needs to directly address. Comments regarding these specific FDEP issues have been provided to us by Jonathan Holtom of your staff and have been incorporated with ours in the attached response. Please send the attached response with those by your staff to EPA before November 18, 1999. If possible, Gulf Power would like to review your final draft before it is routed to EPA.

Because these issues are similar to those recently resolved for Plant Crist, Gulf Power does not believe a face to face meeting with EPA is needed unless new issues arise. Gulf Power requests FDEP acquire EPA Region IV written comments regarding this response as soon as possible and before the deadline for permit issuance. If there are continuing issues on the Scholz Title V permit we will need to continue discussions regarding the de-coupling of the Title IV and V programs in Florida should it still be needed.

If you have any questions or need further information, please call me (850) 444-6527.

Sincerely,

G. Dwain Waters, Q.E.P.
Air Quality Programs Coordinator

Mr. Scott M. Sheplak, P.E.

Page 2

October 18, 1999

cc/watt: Danny Herrin, Southern Company Services
Robert G. Moore, Gulf Power Company
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Ken Peacock, Gulf Power Company
Angela Morrison, Hopping, Green, Sams & Smith
Jonathan Holtom, FDEP (by email)
Elizabeth Bartlett, EPA Region IV(by email)
Katy Forny, EPA Region IV(by email)

**Gulf Power's Response to EPA's Region IV Letter of Objection dated
September 30, 1999 regarding the Scholz Title V Permit
(Permit No. 0630014-001-V)
10/18/99**

Background: On October 14, 1999, Gulf Power received notification from FDEP that EPA issued a formal objection to the Scholz Title V permit. In accordance with Florida law, the FDEP can not issue a final Title V Crist permit until the objection is resolved or withdrawn. Gulf Power may file a written reply to the objection within 45 days from the day FDEP serves notice to the applicant (i.e. October 14). Within 90 days, FDEP will have to resolve the objection by issuing a permit that satisfies EPA or EPA will assume authority for the permit. At this point, FDEP's role is one of a mediator between Gulf Power and EPA. All correspondence with EPA must flow through FDEP. Outlined below are Gulf Power comments regarding the issues raised by EPA in the Scholz Title V Objection.

**U.S. EPA Region 4 Objection
Proposed Part 70 Operating Permit
Gulf Power Company
Scholz Electric Generating Plant
Permit no. 0630014-001-V**

I. EPA Objection Issues

1. **Periodic Monitoring:** Condition A.17 of the permit requires the source to conduct annual testing for particulate matter. The Statement of Basis for this permit states that this testing frequency "is justified by the low emission rate documented in previous emissions tests while firing coal" and "the Department and EPA have determined that sources without controls whose emissions are less than half the effective standard shall test annually."

While EPA has in the past accepted this approach as adequate periodic monitoring for particulate matter, it has done so only for uncontrolled natural gas and fuel oil fired units. The oil/coal fired units addressed in condition A.17 use add-on control equipment to comply with the applicable particulate matter standard. In order to provide reasonable assurance of compliance for these units, the results of annual stack testing will have to be supplemented with additional monitoring. Furthermore, the results of an annual test alone would not constitute an adequate basis for the annual certification of compliance that the facility will have to submit for these units.

The most common approach addressing periodic monitoring for particulate emission limits on units with add-on controls is to establish an opacity or a control device parameter indicator range that would provide evidence of proper control device operation. The primary goal of such monitoring is to provide reasonable assurance of compliance, and one way of achieving this goal is to use opacity data or control device operating parameter data from previous successful compliance tests to identify the range of values that has corresponded to compliance in the past. Operating within the range of values identified in this manner would provide assurance that the control device is operating properly and would serve as the basis for an annual certification. Depending upon the margin of compliance during the tests used to establish the opacity or control device indicator range, going outside the range could represent either a period of time when an exceedance of the applicable standard is likely or it could represent a trigger for initiating corrective action to prevent an exceedance of the standard. In order to avoid any confusion regarding the consequences of going

outside the indicator range, the permit must specify whether corrective action must be taken when a source operates outside the established indicator range.

One possible way of resolving this deficiency in the Scholz permit would be to use language similar to that found in the proposed Plant Crist Title V permit.

Gulf Power Response 1:

In order to satisfy the periodic monitoring issue, Gulf Power recommends the following condition be added to the miscellaneous conditions in Section A:

A.37. Periodic Monitoring Requirements. Periodic monitoring for particulate matter shall be COMs. For any calendar quarter in which more than five percent of the COMs readings show 20% or greater opacity (excluding start-up, shut-down and periods of COMs outages), a steady state particulate matter stack test shall be performed and submitted within the following calendar quarter. The stack test shall comply with all of the testing and reporting requirements contained in the preceding specific conditions and, where practicable, shall be performed while operating at conditions representative to those showing greater than 20% opacity. Units are not required to be brought on-line solely for the purpose of performing this special compliance test. If the unit does not operate in the following quarter, the special compliance test may be postponed until the unit is brought back on-line. Once back on-line, the special test shall be performed within 20 days.

[Rule 62-213.440(4), F.A.C.]

2. **Compliance Testing:** This permit is not clear about the frequency of testing that the facility needs to follow for particular matter (PM). Condition A.17. states that the source must conduct annual testing for PM. However, condition A.25. establishes that the facility will conduct testing once a year if liquid or solid fuel is burned more than 400 hours, and no other testing is required otherwise. The permit needs to be clear about which one of these conditions the facility must follow to demonstrate compliance with PM limits. Additionally, this permit needs to include the regulatory basis for condition A.17.

Gulf Power Response 2:

Gulf Power recommends, Specific Condition A.17. to be changed:

From:

A.17. Annual Tests Required. Units -001 and -002 must be tested annually for SO₂ and PM emissions in accordance with the requirements listed below.

To:

A.17. Annual Tests Required. Except as provided in Specific Condition A.25., units -001 and -002 must be tested annually for SO₂ and PM emissions in accordance with the requirements listed below.

[Rule 62-297.310(7)(a)4., F.A.C.]

3. **Appropriate Averaging Times:** The particulate matter emission limits contained in conditions A.5 and A.7 do not contain averaging times. Because the stringency of emission limits is a function of both magnitude and averaging time, appropriate averaging times must be added to the permit in order for the limits to be practicably enforceable. An approach that may be used to address this deficiency is to include a general condition in the permit stating that the averaging times for all specified emission standards are tied to or

based on the run time of the test method(s) used for determining compliance.

Additionally, condition A.18 does not contain an averaging time and should be revised. One possible resolution to this deficiency is to include a permitting note regarding the six minute averaging time of the visible emissions limit similar to the one in condition B.19. of the proposed Plant Crist permit.

Gulf Power Response 3:

Gulf Power recommends the following permitting note be placed in the permit after Specific Condition A.7.:
{Permitting Note: The averaging time shall correspond to the cumulative sample time, as specified in the reference test method (see specific condition A.20.)}

In addition, the following permitting note will be placed in the permit after Specific Condition A.18.:
{Permitting Note: A transmissometer used to demonstrate compliance should record sufficient data so as to be equivalent to a Method 9 test. Method 9 requires determining an average based on 24 readings at 15-second intervals, thus, a six-minute average. The transmissometers in use at this facility make a permanent recording every six-minutes based on an average of readings taken every 15 seconds. After the 6-minute average is recorded, the individual readings are erased and a new 6-minute average is determined based on the next set of 24 individual readings. This 6-minute block recording is consistent with the requirements of Method 9.}

4. Acid Rain: Section IV, "Acid Rain Part", Condition A.2. contains NO_x requirements for units 1 and 2. The requirement that the annual heat input for unit 2 shall not be "less than 1,864,795 MMBtu" appears to be in error. Please note that 40 CFR 76.11(d)(B) requires that for each unit in a NO_x Averaging Plan with an alternative contemporaneous emission limit (ACEL) that is less stringent than the applicable emission limit in § 76.5, 76.6, or 76.7, the actual annual heat input for the calendar year should not exceed the annual heat input limit in the averaging plan. Since the ACEL chosen by the source for unit 2 in the averaging plan is less stringent than the applicable emission limit for this unit, the requirement contained in Condition A.2. should be revised to indicate that the unit shall not have an annual heat input "greater than 1,864,795 MMBtu."

Gulf Power Response 4:

Gulf Power agrees with the requested correction.

5. Compliance with Emissions Standards: Conditions A.9. and A.10. contain the SO₂ emission limits of 6.17 lb/MMBtu and 2.75 lb/MMBtu when burning solid and liquid fuels, respectively. Condition A.22. indicates compliance will be demonstrated for the SO₂ emission limits using continuous emission monitoring based on 24-hour averages. It is unclear in the permit which emission standard applies when both solid and liquid fuels are burned in the same 24-hour period.

Gulf Power Response 5:

Typically, when a permit allows the combustion of multiple fuels that have different emission limiting standards, a prorated emission limit, based on respective percentages of heat input from each fuel, would apply. However, since fuel oil is only used for start-up and flame stabilization at this facility, and since the maximum heat input capacity when firing fuel oil is less than 2% of the maximum heat input capacity when firing coal, the prorated change would be very small. This, coupled with the reality that, due to the Acid Rain requirements, actual emissions are likely going to be much less than the allowable 6.17 lb/MMBtu, a recordkeeping effort to verify the prorated limit would impose a needless burden on the permittee. As a result of this comment, no changes are justified.

II. General Comments

1. **Compliance Certification:** Facility-wide Condition 12 of the permit should specifically reference the required components of Appendix TV-3, item 51, which lists the compliance certification requirements of 40 CFR 70.6(c)(5)(iii), to ensure that complete certification information is submitted to EPA.

Gulf Power Response 6:

This requirement is contained in Condition A.8. of the Acid Rain section.

2. **Section III, A.9:** Condition A.9 specifies that, when burning solid fuel, sulfur dioxide emissions shall not exceed 6.17 lb/MMBtu. Although Condition A.16. indicates that continuous emissions monitors will be used to assure compliance with this limit, we recommend that condition A.16. be revised to clarify that the diluant (CO₂ or O₂) concentration is also monitored to ensure compliance with A.9.

Gulf Power Response 7:

The requirement for a CO₂ monitor is mentioned in the permitting note preceding Specific Condition A.15. and is required by A.15. A revision to Specific Condition A.16. is not necessary.

3. **Section III, A.20:** Condition A.20. states during the particulate matter emission test, there must be a minimum sample volume of 30 dry standard cubic feet. Condition A.30(b) states the minimum sample volume will be 25 dry standard cubic feet, unless otherwise specified. In order to clarify which condition is applicable, we recommend adding a permitting note to Condition A.20.

Gulf Power Response 8:

In response to this comment, Gulf Power recommends the following permitting note be placed in the permit after Specific Condition A.30.(b):

{Permitting Note: Specific Condition A.20. specifies a minimum sample volume of 30 dry standard cubic feet.}

4. **Section III, A.22:** Condition A.22. states, when there is less than 18 hours of valid data from the CEMS, fuel sampling will be done to ensure compliance. Condition A.22. should be revised to clarify the need for fuel sampling when both solid and liquid fuel are burned in the same 24-hour period, yet one or more of the fuels are burned less than the required 18 hours.

Gulf Power Response 9:

Specific Condition A.22. specifies requirements for operation of the continuous emissions monitor which measures stack gas concentrations of SO₂. Fuel type has no bearing on this requirement. Further, since the liquid fuel is only used for start-up and flame stabilization purposes (which are typically short term activities), it does not make sense to require fuel sampling every time the units are in a start-up or flame stabilization mode. The liquid fuel properties are demonstrated by vendor delivery receipts (see Specific Condition A.16.). For used oil, sampling and analysis is required to demonstrate that the used oil qualifies as on-specification used oil before it can be combusted (see Specific Condition A.36.). No changes are needed as a result of this comment.

5. **Acid Rain:** Please note that the Phase II Averaging Plan submitted by the source is an enforceable part of this permit. The Averaging Plan, Phase II NO_x Compliance Plan and Phase II Acid Rain permit application

should be referenced and attached as enforceable parts of the Title V permit. We note that Phase II permit applications, Phase II NO_x Compliance Plans and the Phase II Averaging Plans submitted by this source are referenced in Condition A.1. of the proposed permit and under the Section entitled, “Referenced attachments made part of this permit” by the form number and a date. It is unclear, however, whether or not the dates referenced in these sections are dates in which the documents were received by Florida DEP or the date that the forms were signed by the respective designated representative. The signature dates on the documents do not correspond with the dates referenced in the permit body. In order to avoid confusion, particularly when there are revisions to original plans that are being incorporated into the permit, we recommend that the permit refer to the signature date as indicated on the specific document being referenced (e.g., DEP Form NO 62-210.900(1)(a)5, F.A.C., signed 08/17/99).

Gulf Power Response 10:

The dates referenced in the permit are the dates the forms were received by the Department. To help reduce confusion, Gulf Power recommends the date of signature also be reflected.

6. Acid Rain: Appendix CP-1, Section IV, Acid Rain Part, Condition A.2. indicates the NO_x requirements for units 1 and 2. The citation indicated “40 CFR 76.5(a)(1)” appears to be in error. Since these units are listed as dry bottom wall-fired boilers the emission limit of 0.50 lb/MMBtu should be referenced as originating under 40 CFR 76.5(a)(2).

Also, we understand, that the Appendix CP-1 is only intended to address the initial issuance of the Title V/Acid Rain permit and that it does not address any future revisions to the plan. Future revisions will be subject to a different compliance plan.

Gulf Power Response 11:

Gulf Power agrees to correct the Rule citation to 40 CFR 76.5(a)(2).

INTEROFFICE MEMORANDUM

Date: 01-Oct-1999 03:03pm
From: Reeves.Kathleen
Reeves.Kathleen@epamail.epa.gov
Dept:
Tel No:

To: jonathan.holtom

(jonathan.holtom@dep.state.fl.us)

Subject: Plant Scholz

Here you go Jonathan,

Sorry for the bad fax, I had to resend it twice because the communication kept getting cut off in the middle of the fax job.

Let me know that you get this OK.

Thanks, Katy

404-562-9130

4APT-ARB

Howard L. Rhodes, Director
Department of Environmental Protection
Division of Air Resources Management
Mail Station 5500
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

SUBJ: EPA's Review of Proposed Title V Permit
Gulf Power Company
Scholz Electric Generating Plant
Permit No. 0630014-001-V

Dear Mr. Rhodes:

The purpose of this letter is to provide comments to the Florida Department of Environmental Protection (DEP) on the proposed title V operating permit for Gulf Power Company - Scholz Electric Generating Plant, which was posted on DEP's web site on August 17, 1999. Based on the Environmental Protection Agency's (EPA's) review of the proposed permit and the supporting information for this facility, EPA formally objects, under the authority of Section 505(b) of the Clean Air Act (the Act) and 40 C.F.R. §70.8(c) (see also Florida Regulation 62-213.450), to the issuance of the title V permit for this facility. The basis of EPA's objection is that the permit does not fully meet the periodic monitoring requirements of 40 C.F.R. §70.6(a)(3)(i), and does not assure compliance with the applicable requirements of 40 C.F.R. §70.6(a)(1).

Section 70.8(c) requires EPA to object to the issuance of a proposed permit in writing within 45 days of receipt of the proposed permit (and all necessary supporting information) if EPA determines that the permit is not in compliance with the applicable requirements under the Act or 40 C.F.R. Part 70. Section 70.8(c)(4) and Section 505(c) of the Act further provide that if the State fails to revise and resubmit a proposed permit within 90 days to satisfy the objection, the authority to issue or deny the permit passes to EPA and EPA will act accordingly. Because the objection issues must be fully addressed within the 90 days, we suggest that the revised permit be submitted in advance in order that any outstanding issues may be addressed prior to the expiration of the 90-day period.

Pursuant to 40 C.F.R. §70.8(c), this letter and its enclosure contain a detailed explanation of the objection issues and the changes necessary to make the permit consistent with the requirements of 40 C.F.R. Part 70. The enclosure also contains general comments applicable to the permit.

If you have any questions or wish to discuss this further, please contact Mr. Gregg Worley, Chief, Operating Source Section at (404) 562-9141. Should your staff need additional information they may contact Ms. Elizabeth Bartlett, Florida Title V Contact, at (404) 562-9122 or Ms. Angelia Souder-Blackwell, Associate Regional Counsel, at (404) 562-9527.

Sincerely,

Winston A. Smith
Director
Air, Pesticides & Toxics
Management Division

Enclosure

cc: Mr. James O. Vick
Mr. G. Dwain Waters
Gulf Power Company

KFortney:09/29/99:K:Scholz.wpd.X29130

Concurrences					
K. Fortney	G. Worley	K. Cody	D. Neeley	M. Fox	W. Smith

Enclosure

**U.S. EPA Region 4 Objection
Proposed Part 70 Operating Permit
Gulf Power Company
Scholz Electric Generating Plant
Permit No. 0630014-001-AV**

I. EPA Objection Issues

1. Periodic Monitoring: Condition A.17 of the permit requires the source to conduct annual testing for particulate matter. The Statement of Basis for this permit states that this testing frequency “is justified by the low emission rate documented in previous emissions tests while firing coal” and “the Department and EPA have determined that sources without controls whose emissions are less than half the effective standard shall test annually.”

While EPA has in the past accepted this approach as adequate periodic monitoring for particulate matter, it has done so only for uncontrolled natural gas and fuel oil fired units. The oil/coal fired units addressed in condition A.17 use add-on control equipment to comply with the applicable particulate matter standard. In order to provide reasonable assurance of compliance for these units, the results of annual stack testing will have to be supplemented with additional monitoring. Furthermore, the results of an annual test alone would not constitute an adequate basis for the annual certification of compliance that the facility will have to submit for these units.

The most common approach addressing periodic monitoring for particulate emission limits on units with add-on controls is to establish an opacity or a control device parameter indicator range that would provide evidence of proper control device operation. The primary goal of such monitoring is to provide reasonable assurance of compliance, and one way of achieving this goal is to use opacity data or control device operating parameter data from previous successful compliance tests to identify the range of values that has corresponded to compliance in the past. Operating within the range of values identified in this manner would provide assurance that the control device is operating properly and would serve as the basis for an annual certification. Depending upon the margin of compliance during the tests used to establish the opacity or control device indicator range, going outside the range could represent either a

period of time when an exceedance of the applicable standard is likely or it could represent a trigger for initiating corrective action to prevent an exceedance of the standard. In order to avoid any confusion regarding the consequences of going outside the indicator range, the permit must specify whether corrective action must be taken when a source operates outside the established indicator range.

One possible way of resolving this deficiency in the Scholz permit would be to use language similar to that found in the proposed Plant Crist Title V permit.

*Copy
Smith
20% trigger
V/Ly test*

2. Compliance Testing: This permit is not clear about the frequency of testing that the facility needs to follow for particular matter (PM). Condition A.17 states that the source must conduct annual testing for PM. However, condition A.25 establishes that the facility will conduct testing once a year if liquid or solid fuel is burned more than 400 hours, and no other testing is required otherwise. The permit needs to be clear about which one of these conditions the facility must follow to demonstrate compliance with PM limits. Additionally, this permit needs to include the regulatory basis for condition A.17.

*Copy
Smith
except as
provided
in cond —*

3. Appropriate Averaging Times: The particulate matter emission limits contained in conditions A.5 and A.7 do not contain averaging times. Because the stringency of emission limits is a function of both magnitude and averaging time, appropriate averaging times must be added to the permit in order for the limits to be practicably enforceable. An approach that may be used to address this deficiency is to include a general condition in the permit stating that the averaging times for all specified emission standards are tied to or based on the run time of the test method(s) used for determining compliance.

*Ad P.N.
From
Smith*

Additionally, condition A.18 does not contain an averaging time and should be revised. One possible resolution to this deficiency is to include a permitting note regarding the six minute averaging time of the visible emissions limit similar to the one in condition B.19 of the proposed Plant Crist permit.

of 2

4. Acid Rain: Section IV, "Acid Rain Part", Condition A.2. contains NOx requirements for units 1 and 2. The requirement that the annual heat input for unit 2 shall not be "less than 1,864,795 mmBtu" appears to be in error. Please note that 40 CFR 76.11(d)(B) requires that for each unit in a NOx Averaging Plan with an alternative contemporaneous emission limit

(ACEL) that is less stringent than the applicable emission limit in § 76.5, 76.6, or 76.7, the actual annual heat input for the calendar year should not exceed the annual heat input limit in the averaging plan. Since the ACEL chosen by the source for unit 2 in the averaging plan is less stringent than the applicable emission limit for this unit, the requirement contained in Condition A.2. should be revised to indicate that the unit shall not have an annual heat input "greater than 1,864,795 mmBtu."

*ok
change
to
"greater than"*

5. Compliance with Emissions Standards: Conditions A.9 and A.10 contain the SO₂ emission limits of 6.17 lb/mmBtu and 2.75 lb/mmBtu when burning solid and liquid fuels, respectively. Condition A.22 indicates compliance will be demonstrated for the SO₂ emission limits using continuous emission monitoring

*oil for
startup
and flame stabil.*

based on 24-hour averages. It is unclear in the permit which emission standard applies when both solid and liquid fuels are burned in the same 24-hour period.

*would need to be prorated based on duration
of used oil combustion.*

II. General Comments

1. Compliance Certification: Facility-wide Condition 12 of the permit should specifically reference the required components of Appendix TV-3, item 51, which lists the compliance certification requirements of 40 C.F.R. 70.6(c)(5)(iii), to ensure that complete certification information is submitted to EPA.
2. Section III, A.9: Condition A.9 specifies that, when burning solid fuel, sulfur dioxide emissions shall not exceed 6.17 lb/mmBtu. Although Condition A.16 indicates that continuous emissions monitors will be used to assure compliance with this limit, we recommend that condition A.16 be revised to clarify that the dilutant (CO₂ or O₂) concentration is also monitored to ensure compliance with A.9.
3. Section III, A.20: Condition A.20 states during the particulate matter emission test, there must be a minimum sample volume of 30 dry standard cubic feet. Condition A.30(b) states the minimum sample volume will be 25 dry standard cubic feet, unless otherwise specified. In order to clarify which condition is applicable, we recommend adding a permitting note to Condition A.20.
4. Section III, A.22: Condition A.22 states, when there is less than 18 hours of valid data from the CEMS, fuel sampling will be done to ensure

*cond A. 8
of A. 16
Rain Section*

check sampler

P.N. Before A.15.

*SO2 Reg'd
by Cond A.15*

*ok
add P.N.
after 30(b)*

compliance. Condition A.22 should be revised to clarify the need for fuel sampling when both solid and liquid fuel are burned in the same 24-hour period, yet one or more of the fuels are burned less than the required 18 hours.

5. Acid Rain: Please note that the Phase II Averaging Plan submitted by the source is an enforceable part of this permit. The Averaging Plan, Phase II NO_x Compliance Plan and Phase II Acid Rain permit application should be referenced and attached as enforceable parts of the Title V permit. We note that Phase II permit applications, Phase II NO_x Compliance Plans and the Phase II Averaging Plans submitted by this source are referenced in Condition A.1. of the proposed permit and under the Section entitled, “Referenced attachments made part of this permit” by the form number and a date. It is unclear, however, whether or not the dates referenced in these sections are dates in which the documents were received by Florida DEP or the date that the forms were signed by the respective designated representative. The signature dates on the documents do not correspond with the dates referenced in the permit body. In order to avoid confusion, particularly when there are revisions to original plans that are being incorporated into the permit, we recommend that the permit refer to the signature date as indicated on the specific document being referenced (e.g., DEP Form NO 62-210.900(1)(a)5, F.A.C., signed 08/17/99).
6. Acid Rain: Appendix CP-1, Section IV, Acid Rain Part, Condition A.2. indicates the NO_x requirements for units 1 and 2. The citation indicated “40 C.F.R. 76.5(a)(1)” appears to be in error. Since these units are listed as dry bottom wall-fired boilers the emission limit of 0.50 lb/mmBtu should be referenced as originating under 40 C.F.R. 76.5(a)(2).

*oh
change will
be made*

Also, we understand, that the Appendix CP-1 is only intended to address the initial issuance of the Title V/Acid Rain permit and that it does not address any future revisions to the plan. Future revisions will be subject to a different compliance plan.

RFC-822-headers:

Received: from epic50.dep.state.fl.us ([199.73.195.8])
by mail.epic1.dep.state.fl.us (PMDF V5.2-32 #37976)
with ESMTP id <01JGMHHWUIHQ000NZX@mail.epic1.dep.state.fl.us> for
HOLTOM_J@a1.epic1.dep.state.fl.us
(ORCPT rfc822;jonathan.holtom@dep.state.fl.us); Fri, 1 Oct 1999 14:59:50 EDT

Received: from merlin.rtpnc.epa.gov ([134.67.208.148])
by mail.epic50.dep.state.fl.us (PMDF V5.2-32 #31508)
with ESMTP id <01JGMHIEJON0001POL@mail.epic50.dep.state.fl.us> for
HOLTOM_J@a1.epic1.dep.state.fl.us
(ORCPT rfc822;jonathan.holtom@dep.state.fl.us); Fri,
01 Oct 1999 15:00:50 -0400 (EDT)

Received: from myrtle.rtpnc.epa.gov by epamail.epa.gov (PMDF V5.1-12 #26439)
with ESMTP id <0FIX00AENTOKRI@epamail.epa.gov> for
jonathan.holtom@dep.state.fl.us; Fri, 01 Oct 1999 14:51:08 -0400 (EDT)

Received: from ccmil.epamail.epa.gov by epamail.epa.gov (PMDF V5.1-12 #26438)
id <0FIX00901NXSFJ@epamail.epa.gov> for jonathan.holtom@dep.state.fl.us; Fri,
01 Oct 1999 14:48:20 -0400 (EDT)

One Energy Place
Pensacola, Florida 32520

850.444.6111

Jonathan Holtom

RECEIVED

JUL 30 1999

BUREAU OF AIR REGULATION

Certified Mail



July 27, 1999

Mr. Scott M. Sheplak, P.E.
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. Sheplak:

RE: Title V Public Notice
Plant Scholz: 0630014-001-AV

Attached, please find a copy of the proof of publication (newspaper affidavit) for the "public notice of intent to issue Title V air operation permit" for the Scholz Electric Generating Plant. The public notice was originally made on June 25, 1999. A copy of the notice was faxed to Jonathan Holtom on July 1, 1999 as our best effort to meet the proof of publication requirement of 7 days. The attached affidavit was received from the Jackson County Floridan yesterday and thus is being forwarded to you today for your records.

If you have any questions or need further information regarding the matter, please call me at (850) 444-6527.

Sincerely,

G. Dwain Waters Q.E.P.

G. Dwain Waters, Q.E.P.
Air Quality Programs Coordinator

c: Robert G. Moore, Gulf Power Company
James O Vick, Gulf Power Company
Kim Flowers Gulf Power Company
Ken Peacock, Gulf Power Company

Jackson County Floridan

Published Sunday & Tuesday Through Friday
Marianna, Jackson County, Florida

State of Florida, County of Jackson

Before the undersigned authority personally appeared Valeria Roberts
who on oath says that she is Regional Sales Director of the
Jackson County Floridan, a daily newspaper published at Marianna, in Jackson
County, Florida; that that attached copy of advertisement, being a legal
in the matter of advertising for Gulf Power Co

Intent To Issue Title V Air Operation Permit
in the n/a Court, was published in said newspaper in the issues of

25-Jul-99 25-Jun-99

RRC

*Rollanda Cotran, Gulf Power Co.
July 26, 1999*

Affiant further states that the said Jackson County Floridan is a newspaper
published at Marianna, in said Jackson County, Florida, and that said newspaper
newspaper has heretofore been continuously published in said Jackson
County, Florida, each day (Monday and Saturday excepted) and has been
entered as second class mail matter at the post office in Marianna, in said
Jackson County, Florida, for a period of one year next preceding the first
publication of the attached copy of advertisement; and affiant further says that
she has neither paid nor promised any person, firm or corporation any discount,
rebate, commission or refund for the purpose of securing this advertisement
for publication in the said newspaper.



Valeria Roberts

(Signature of Affiant)

Sworn to and subscribed before me this 23rd

day of July, 1999

Notary Public, State of Florida at Large



Lori A. Spradlin
MY COMMISSION # CC503011 EXPIRES
October 24, 1999
BONDED THRU TROY FAIN INSURANCE, INC.

(Name of Notary typed, printed or stamped)

Personally Known X or Produced Identification.

LM009
REVISED DRAFT Permit No. 0630014-001-AV
Scholz Electric Generating Plant
Jackson County
In the Matter of an Application for Permit by:
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0100
INTENT TO ISSUE TITLE V AIR OPERATION PERMIT
The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit (copy of DRAFT Permit enclosed) for the Title V source detailed in the application specified above, for the reasons stated below.
The applicant, Gulf Power Company, applied on June 14, 1996, to the permitting authority for a Title V air operation permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. The applicant submitted the Phase III NOx Acid Rain Compliance Plan on December 22, 1997. This permit incorporates the Phase III NOx standard and the Title IV Acid Rain Part pursuant to Rule 62-214.360(6), Florida Administrative Code (F.A.C.).
The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V air operation permit is required to commence or continue operations at the described facility.
The permitting authority intends to issue this Title V air operation permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.
Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-10.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-1344; Fax: 850/922-6979), within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106, F.A.C.
The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the attached Title V DRAFT Permit unless a response received in accordance with

P.O. Box 1968
Dathan, Al 36302

BEST AVAILABLE COPY

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit (copy of DRAFT Permit enclosed) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Gulf Power Company, applied on June 14, 1996, to the permitting authority for a Title V air operation permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. The applicant submitted the Phase VII NOx Acid Rain Compliance Plan on December 22, 1997. This permit incorporates the Phase VII NOx standards into the Title IV Acid Rain Part pursuant to Rule 62-214.360(6), Florida Administrative Code (F.A.C.).

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V air operation permit is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V air operation permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210 62-212, 62-213, 62-214, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-10.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-1344; Fax: 850/922-6979), within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106, F.A.C.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the attached Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

- The name and address of each agency affected and each agency's file or identification number, if known;
- The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- A statement of how and when each petitioner received notice of the agency action or proposed action;
- A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

- A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,
- A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation will not be available in this proceeding. In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- The name, address, and telephone number of the petitioner;
- The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- Each rule or portion of a rule from which a variance or waiver is requested;
- The citation to the statute underlying (implemented by) the rule identified in (c) above;
- The type of action requested;
- The specific facts that would justify a variance or waiver for the petitioner;
- The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,
- A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period.

Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Tallahassee, Florida
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Public Notice of
Title V Air Permit

GULF POWER COMPANY

ONE ENERGY PLACE

PENSACOLA, FLORIDA 32520-0328

To: Jonathan Holton

Company: FDEP

Phone: (850) 921-9521

Fax: (850) 922-6979

From: Dublin Water

Company: Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0328

Phone: (850) 444-6527

Fax: 850.444.6217

Date: July 1, 1999

Pages including this cover page: 1

Comments:

Scholz public notice (June 25, 1999).

Please note that we have a new address and a new area code (see above). Appreciate you updating your address list concerning our company.

REVISED DRAFT Permit No.:
 0630014-001-AV
 Scholz Electric Generating Plant
 Jackson County
 In the Matter of an Application for Per-
 mit by:
 Gulf Power Company
 One Energy Plaza
 Pensacola, FL 32520-0100
**INTENT TO ISSUE TITLE V AIR OP-
 ERATION PERMIT**

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit (copy of DRAFT Permit enclosed) for the Title V source detailed in the application specified above, for the reasons stated below.

The applicant, Gulf Power Company, applied on June 14, 1998, to the permitting authority for a Title V air operation permit for the Scholz Electric Generating Plant located at 1460 Gulf Power Road, 2.2 miles south of US 90, Jackson County. The applicant submitted the Phase I/II NOx Acid Rain Compliance Plan on December 22, 1997. This permit incorporates the Phase I/II NOx standards into the Title IV Acid Rain Part pursuant to Rule 62-214.360(6), Florida Administrative Code (F.A.C.).

The permitting authority has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213, and 62-214. This source is not exempt from Title V permitting procedures. The permitting authority has determined that a Title V air operation permit is required to commence or continue operations at the described facility.

The permitting authority intends to issue this Title V air operation permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-214, 62-256, 62-267, 62-281, 62-286, and 62-287, F.A.C.

Pursuant to Sections 403.815 and 403.887, F.S., and Rules 62-10.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT."

The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-1344; Fax: 850/922-8979), within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106, F.A.C.

The permitting authority will issue the Title V PROPOSED Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the attached Title V DRAFT Permit unless a response received in accordance with

JACKSON COUNTY FLORIDAN

FRIDAY
JUNE 25, 1999
PAGE 2

BEST AVAILABLE COPY

The permitting authority will accept written comments concerning the proposed permit issuance action for a period of 30 (thirty) days from the date of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." Written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any person other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:
 (a) The name and address of each agency affected and each agency's file or identification number, if known;
 (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
 (c) A statement of how and when each petitioner received notice of the agency action or proposed action;
 (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
 (e) A concise statement of the ultimate facts alleged, as well as the rules and

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,
 (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above. Mediation will not be available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of these terms is defined in Section 120.542(2), F.S., and that the

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program. Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period.

Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.
 Executed in Tallahassee, Florida
STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



Sholz,

1-216,393 ACFM @ 50%
exit T 320°F 323 $\frac{\text{MMBTU}}{\text{hr}}$
 $= 493^{\circ}\text{K}$

2-261,327 ACFM @ 50%
 $268^{\circ}\text{F} = 404^{\circ}\text{K}$

10-12 hrs Startup

Fan varies with Load

$$323 \frac{\text{MMBTU}}{\text{hr}} \times 6.17 \frac{\text{lb}}{\text{MMBTU}} = 1993 \frac{\text{lb SO}_2}{\text{hr}}$$

$$1993 \frac{\text{lb}}{\text{hr}} \times \frac{453.59 \text{ grams}}{\text{lb}} \times \frac{1 \text{ hr}}{60 \text{ min}} \times \frac{1 \text{ min}}{60 \text{ sec}} = 251 \frac{\text{grams}}{\text{sec}}$$

13.5 FT dia

$$A = \frac{\pi}{4} (13.5)^2 = 143.14 \text{ FT}^2$$

$$\frac{216,393 \frac{\text{FT}^3}{\text{min}}}{143.14 \text{ FT}^2} = 1512 \frac{\text{FT}}{\text{min}}$$

$$1512 \frac{\text{FT}}{\text{min}} \times 0.3048 \frac{\text{m}}{\text{FT}} \times \frac{1 \text{ min}}{60 \text{ sec}} = 7.7 \frac{\text{m}}{\text{sec}} \#1$$

$$1825.7 \frac{\text{FT}}{\text{min}}$$

$$\Rightarrow 9.3 \frac{\text{m}}{\text{sec}} \#2$$



Sholy,

#1-216,393 ACFM @ 50%
exit T 320°F 323 $\frac{\text{MMBTU}}{\text{m}}$
= 433°K

#2-261,327 ACFM @ 50%
268°F = 409°K

10-12 hrs Startup

Fan varies with Load

$$323 \frac{\text{MMBTU}}{\text{m}} \times 6.17 \frac{\text{lb}}{\text{MMBTU}} = 1993 \frac{\text{lb SO}_2}{\text{m}}$$

$$1993 \frac{\text{lb}}{\text{m}} \times \frac{453.59 \text{ grams}}{\text{lb}} \times \frac{1 \text{ m}}{60 \text{ min}} \times \frac{1 \text{ min}}{60 \text{ sec}} = 251 \frac{\text{grams}}{\text{Sec}}$$

13.5 FT dia

$$A = \frac{\pi}{4} (13.5)^2 = 143.14 \text{ FT}^2$$

$$\frac{216,393 \frac{\text{FT}^3}{\text{min}}}{143.14 \text{ FT}^2} = 1512 \frac{\text{FT}}{\text{min}}$$

$$1512 \frac{\text{FT}}{\text{min}} \times 0.3048 \frac{\text{m}}{\text{FT}} \times \frac{1 \text{ min}}{60 \text{ sec}} = 7.7 \frac{\text{m}}{\text{sec}} \#1$$

$$1825.7 \frac{\text{FT}}{\text{min}}$$

$$\Rightarrow 9.3 \frac{\text{m}}{\text{sec}} \#2$$

**Revised Emission Rates and Stack Parameters for Gulf Power Scholz
Increased Stack Velocity Holtom's Value
100% Load**

Emission Units	Emission Rate (g/s)	Stack Height (m)	Stack Temp °K	Stack Vel (m/s)	Stack Diameter (m)
Unit 1&2 Coal Fired	1004.0	45.72	439	19.79	4.11

Location of Emission Units in Scholz

Emission Units	x (m)	y (m)
No.1&2	0.0	0.0

Requested Maximum Heat Inputs and SO₂ emission rates in lb/MMBTU, lb/hour and g/s

Emission Units	Maximum Heat Input MMBTU/hr	Controlled SO ₂ Em Rate (lb/MMBTU)	Requested Emission Rate (lb/hr)	Requested Emission Rate (g/s)
No.1	645.7	6.17	3984.0	502.0
No.2	645.7	6.17	3984.0	502.0
Total 1 & 2	1291.4	6.17	7967.9	1004.0

CASE 1

**MODEL RESULTS SCHOLZ-100% Load-All Receptors
(All Values in ug/m³)**

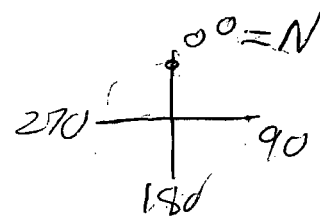
	MET DATA	ANNUAL			H2h 24-HOUR			H2h-3 HOUR		
		AAQS=60			AAQS=260			AAQS=1300		
		CONC	RECEP		CONC	RECEP		CONC	RECEP	
1985	TALLAHASSEE	15	260	250	267	260	250	1299	250	150
1986	TALLAHASSEE	15	190	3000	290	040	300	967	250	300
1987	TALLAHASSEE	28	190	2750	446	200	250	962	200	300
1988	TALLAHASSEE	24	190	3000	249	210	300	1046	220	300
1989	TALLAHASSEE	13	190	2500	228	220	300	776	220	300

24-hour values off property in 1985, 1986 and 1987 are all less than the Florida 24-hour AAQS of 260 ug/m³

CASE 1

**MODEL RESULTS SCHOLZ
(All Values in ug/m³) Close in Receptors on property**

	250m	300m	400m
1985	267	256	160
1986	256	290	167
1987	446	405	238
1988	246	249	184
1989	208	228	156



CASE 2
MODEL RESULTS SCHOLZ-75% Load-All Receptors

Stack velocity 14.6 m/s
Emission Rate 753.0 g/s
(All Values in ug/m³)

	MET DATA	ANNUAL			H2h 24-HOUR			H2h-3 HOUR		
		AAQS=60			AAQS=260			AAQS=1300		
		CONC	RECEP		CONC	RECEP		CONC	RECEP	
1985	TALLAHASSEE	21	260	300	299	260	300	1277	250	250
1986	TALLAHASSEE	17	190	2250	301	040	300	991	250	300
1987	TALLAHASSEE	33	200	250	470	200	250	992	300	250
1988	TALLAHASSEE	26	190	2250	254	220	300	1074	220	300
1989	TALLAHASSEE	17	220	300	238	220	300	791	290	300

24-hour values off property in 1985, 1986 and 1987 are all less than the Florida 24-hour AAQS of 260 ug/m³

CASE 3
MODEL RESULTS SCHOLZ-50% Load-All Receptors

Stack velocity 12.3 m/s
Emission Rate 502.0 g/s
(All Values in ug/m³)

	MET DATA	ANNUAL			H2h 24-HOUR			H2h-3 HOUR		
		AAQS=60			AAQS=260			AAQS=1300		
		CONC	RECEP		CONC	RECEP		CONC	RECEP	
1985	TALLAHASSEE	17	260	300	234	260	300	1030	260	300
1986	TALLAHASSEE	14	190	2250	238	040	300	812	250	300
1987	TALLAHASSEE	29	200	300	394	200	300	858	200	300
1988	TALLAHASSEE	21	220	250	205	210	300	866	220	300
1989	TALLAHASSEE	14	220	300	191	220	300	658	220	300

24-hour values off property in 1987 are all less than the Florida 24-hour AAQS of 260 ug/m³

Files Used in Modeling
BEEST Results files

	Case 1	Case 2	Case 3
	100% Load	75% Load	50% Load
1985	853tierd.grf	85375%.grf	85350%.grf
1986	863tierd.grf	86375%.grf	86350%.grf
1987	873tierd.grf	87375%.grf	87350%.grf
1988	883tierd.grf	88375%.grf	88350%.grf
1989	893tierd.grf	89375%.grf	89350%.grf

off

RESULTS

No on property violations
Property must be fenced or signs posted along the river to keep public off property

United States Environmental Protection Agency
Office of Air Quality Planning and Standards
Research Triangle Park, North Carolina 27711

April 30, 1987

MEMORANDUM

SUBJECT: Ambient Air

FROM: G. T. Helms, Chief /s/
Control Programs Operations Branch (MD-15)

TO: Steve Rothblatt, Chief
Air Branch, Region V

My staff and I have discussed the five ambient air cases which you submitted for our review on January 16, 1987. The following comments are our interpretation of the ambient air policy. However, this memorandum is not a discussion of the technical issues involved in the placement of receptors for modeling.

Our comments on each of the cases follow:

Case 1 (Dakota County, MN): This case involves two noncontiguous pieces of fenced property owned by the same source, divided by a public road. We agree that the road is clearly ambient air and that both fenced pieces of plant property are not.

Case 2 (Warrick County, IN): This case involves two large sources on both sides of the Ohio River. We agree that receptors should be located over the river since this is a public waterway, not controlled by the sources. We also agree that the river does indeed form a sufficient natural boundary/barrier and that fencing is not necessary, since the policy requires a fence or other physical barrier. However, some conditions must be met. The riverbank must be clearly posted and regularly patrolled by plant security. It must be very clear that the area is not public. Any areas where there is any question--i.e., grassy areas, etc.--should be fenced and marked, even if there is a very remote possibility that the public would attempt to use this property.

However, we also feel that current policy requires that receptors should be placed in ALCOA and SIGECO property for modeling the contribution of each source's emissions to the other's ambient air. Thus, ALCOA's property--regardless of whether it is fenced--is still "ambient air" in relation to SIGECO's emissions and vice-versa.

Case 3 (Wayne County, MI): This case involves the air over the Detroit River, the Rouge River and the Short-cut Canal. We agree that the air over all three of these is ambient air, since none of the companies owns them or controls public access to them. Note, however, that one source's property--regardless of whether it is fenced--is the "ambient air" relative to another source's emissions.

Case 4 (Cuyahoga County, OH): This case involves LTV Steel's iron and steel mill located on both sides of the Cuyahoga

River.

We do not feel that LTV Steel "controls" the river traffic in that area sufficiently to exclude the public from the river, whether it be recreational or industrial traffic. The fact that there is little or no recreational traffic in that area is not sufficient to say that all river traffic there is LTV traffic. The public also includes other industrial users of the river that are not associated with LTV.

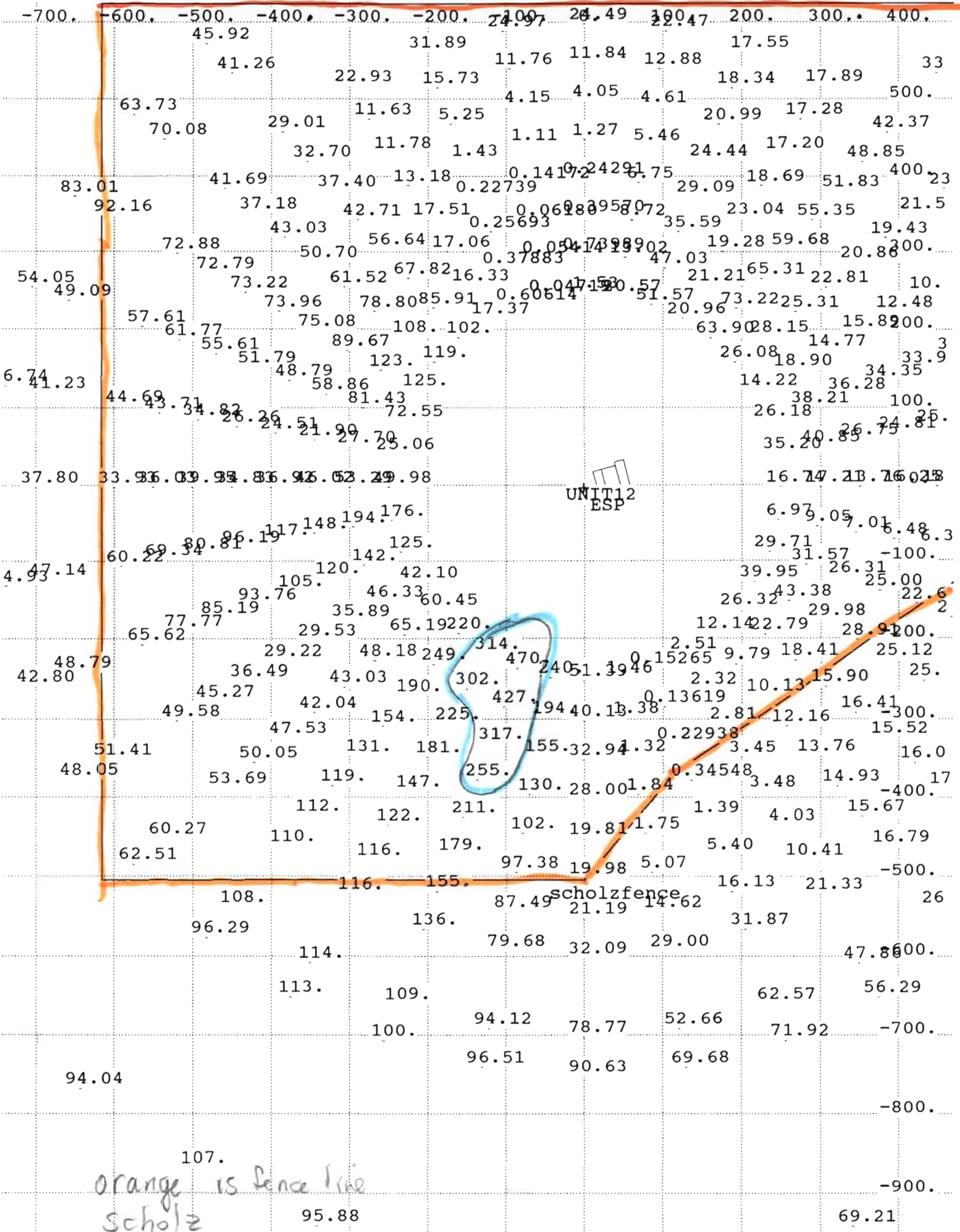
It is difficult to tell from the map whether the railroad line is a through line or not. If the railroad yard serves only the plant then it would not be ambient but the railroad entrance to the plant would have to be clearly marked and patrolled. However, if the line is a through line then that would be ambient air. We would need additional information to make a final determination.

The unfenced river boundaries should meet the same criteria as in Case 2 above.

Case 5 (involves the placement of receptors on another source's fenced property): As mentioned above in Case 2, we feel that present policy does require that receptors be placed over another source's property to measure the contribution of the outside source to its neighbor's ambient air. To reiterate, Plant A's property is considered "ambient air" in relation to Plant B's emissions.

I hope that these comments are helpful to you and your staff. This memorandum was also reviewed by the Office of General Counsel.

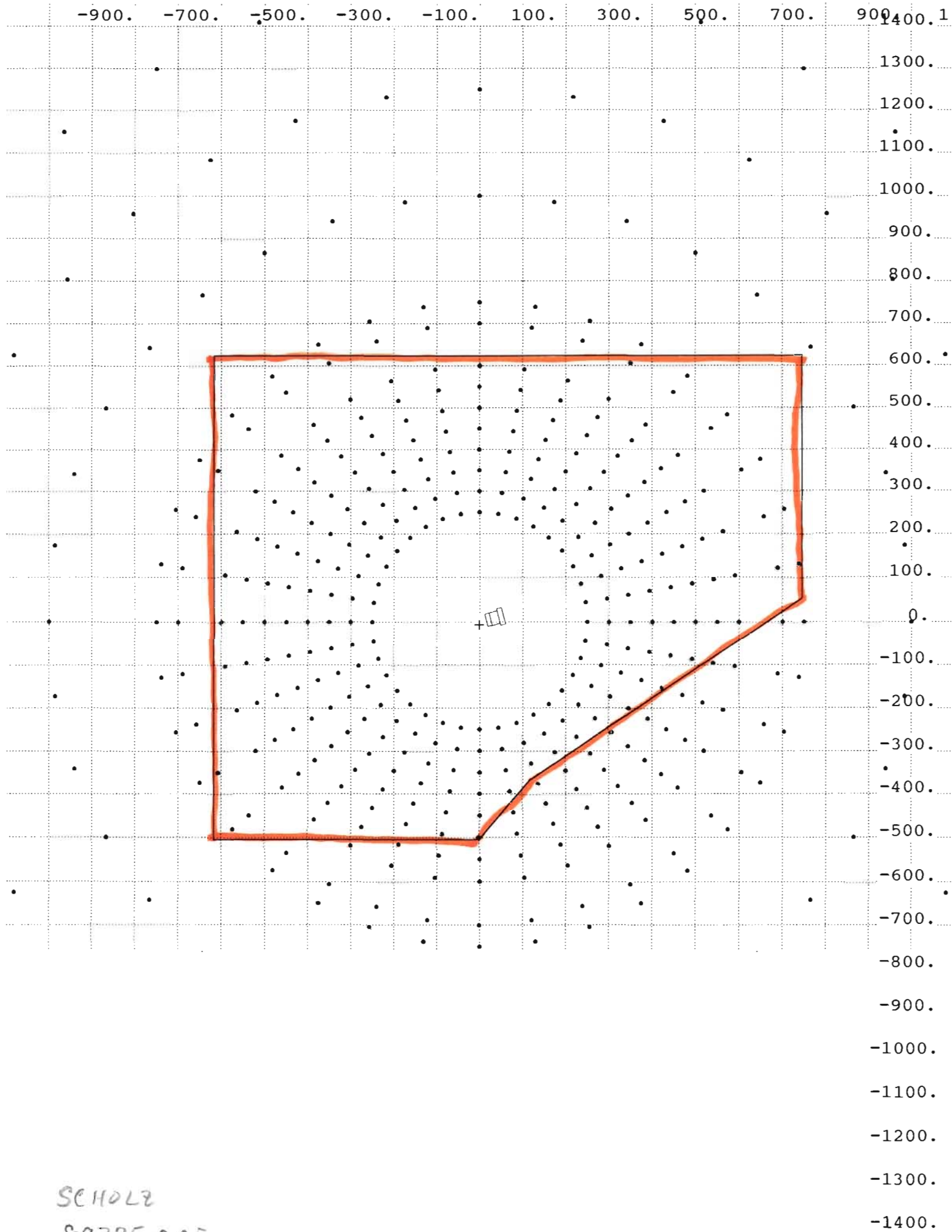
cc: S. Schneeberg
P. Wyckoff
R. Rhoads
D. Stonefield
Air Branch Chiefs, Region I-X



UNIT 12
ESP

107.
orange is fence line
scholz
1987 24hr High Second High

69.21



SCHOLZ

89375.GRF

Jonathan H -

3/27

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

In the Matter of an
Application for Permit by:

OGC No. 97-1823

Gulf Power Company
One Energy Place
Pensacola, FL 32520

DRAFT Permit No.: 0630014-001-AV
Scholz Plant
Jackson County

REQUEST FOR EXTENSION OF TIME

By and through undersigned counsel, Gulf Power Company (Gulf) hereby requests, pursuant to Florida Administrative Code Rules 62-110.106(4), an extension of time, to and including June 1, 1999, in which to file a Petition for Administrative Proceedings in the above-styled matter. As good cause for granting this request, Gulf states the following:

1. On or about October 6, 1997, Gulf received from the Department of Environmental Protection (Department) an "Intent to Issue Title V Air Operation Permit" (Permit No. 0630014-001-AV) for the Scholz Plant located in Escambia County, Florida. Along with the Intent to Issue, Gulf received a draft Title V permit and "Public Notice of Intent to Issue Title V Air Operation Permit."
2. By order dated December 3, 1998 the Department granted an extension of time until February 1, 1999, within which to file a petition for an administrative hearing.
3. The draft permit and associated documents contain several provisions that warrant clarification or correction.

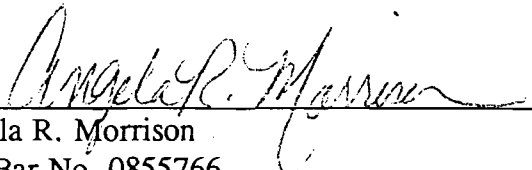
4. Representatives of Gulf have corresponded and intend to continue to correspond with staff of the Department's Bureau of Air Regulation in an effort to resolve all issues.

5. This request is filed simply as a protective measure to avoid waiver of Gulf's right to challenge certain conditions contained in the draft Title V permit. Grant of this request will not prejudice either party, but will further their mutual interest and likely avoid the need to file a petition and proceed to a formal administrative hearing.

WHEREFORE, Gulf respectfully requests that the time for filing of a Petition for Administrative Proceedings in regard to the Department's Intent to Issue Title V Air Operation Permit for Permit No. 0630014-001-AV be formally extended to and including June 1, 1999. If the Department denies this request, Gulf requests the opportunity to file a Petition for Administrative Proceedings within 10 days of such denial.

Respectfully submitted this 29th day of January, 1999.

HOPPING GREEN SAMS & SMITH, P.A.



Angela R. Morrison
Fla. Bar No. 0855766
123 South Calhoun Street
Post Office Box 6526
Tallahassee, FL 32314
(850) 222-7500

Attorney for GULF POWER COMPANY

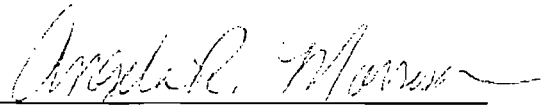
CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished to the following by

U.S. Mail on this 29th day of January, 1999.

Clair H. Fancy, P.E.
Chief
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600

Jeffrey Brown
Office of General Counsel
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600



Attorney

Jonathan Hollens

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

RECEIVED

GULF POWER COMPANY,
Scholz Plant,

OCT 13 1998

Petitioner,

BUREAU OF
AIR REGULATION

vs.

OGC CASE NO. 97-1823

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION,

Respondent.

_____ /

**ORDER GRANTING REQUEST FOR EXTENSION
OF TIME TO FILE PETITION FOR HEARING**

This cause has come before the Florida Department of Environmental Protection (Department) on receipt of a request made by Petitioner, GULF POWER COMPANY, to grant an extension of time to file a petition for an administrative hearing on application No. 0630014-001-AV. See Exhibit 1.

Respondent, State of Florida Department of Environmental Protection, has no objection to it. Therefore,

IT IS ORDERED:

The request for an extension of time to file a petition for administrative proceeding is granted. Petitioner shall have until December 1, 1998, to file a petition in this matter. Filing shall be complete on receipt by the Office of General Counsel, Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000.

DONE AND ORDERED on this 12 day of October, 1998, in
Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


F. PERRY ODOM
General Counsel

Douglas Building
3900 Commonwealth Boulevard
Mail Station #35
Tallahassee, FL. 32399-3000
Telephone: (850) 488-9314

CERTIFICATE OF SERVICE

I CERTIFY that a copy of the foregoing has been mailed to:

Angela R. Morrison, Esquire
HOPPING, GREEN, SAMS & SMITH, P.A.
Post Office Box 6526
Tallahassee, FL 32314-6526

on this 13 day of October, 1998.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


JEFFREY BROWN
Florida Bar No. 0843430
Assistant General Counsel

3900 Commonwealth Boulevard
Mail Station #35
Tallahassee, FL. 32399-3000
Telephone: (850) 488-9314

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

RECEIVED

OCT 1 1998

Dept. of Environmental Protection
Office of General Counsel

In the Matter of an
Application for Permit by:

OGC No. 97-1823

Gulf Power Company
One Energy Place
Pensacola, FL 32520

DRAFT Permit No.: 0630014-001-AV
Scholz Plant
Jackson County

REQUEST FOR EXTENSION OF TIME

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1. On or about October 6, 1997, Gulf received from the Department of Environmental Protection (Department) an "Intent to Issue Title V Air Operation Permit" (Permit No. 0630014-001-AV) for the Scholz Plant located in Escambia County, Florida. Along with the Intent to Issue, Gulf received a draft Title V permit and "Public Notice of Intent to Issue Title V Air Operation Permit."
2. By order dated June 25, 1998, the Department granted an extension of time until October 1, 1998, within which to file a petition for an administrative hearing.
3. The draft permit and associated documents contain several provisions that warrant clarification or correction.

4. Representatives of Gulf have corresponded and intend to continue to correspond with staff of the Department's Bureau of Air Regulation in an effort to resolve all issues.

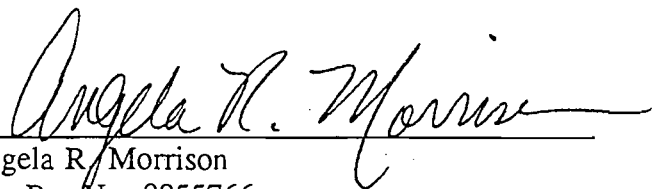
5. This request is filed simply as a protective measure to avoid waiver of Gulf's right to challenge certain conditions contained in the draft Title V permit. Grant of this request will not prejudice either party, but will further their mutual interest and likely avoid the need to file a petition and proceed to a formal administrative hearing.

6. Counsel for Gulf has attempted without success to contact Jeffrey Brown with the Office of General Counsel regarding this request.

WHEREFORE, Gulf respectfully requests that the time for filing of a Petition for Administrative Proceedings in regard to the Department's Intent to Issue Title V Air Operation Permit for Permit No. 0630014-001-AV be formally extended to and including December 1, 1998. If the Department denies this request, Gulf requests the opportunity to file a Petition for Administrative Proceedings within 10 days of such denial.

Respectfully submitted this 1st day of October, 1998.

HOPPING GREEN SAMS & SMITH, P.A.



Angela R. Morrison
Fla. Bar No. 0855766
123 South Calhoun Street
Post Office Box 6526
Tallahassee, FL 32314
(850) 222-7500

Attorney for GULF POWER COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished to the following
by U.S. Mail on this 1st day of October, 1998.

Clair H. Fancy, P.E.
Chief
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600

Jeffrey Brown
Office of General Counsel
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600



Attorney

One Energy Place
Pensacola, Florida 32520

850.444.6111



July 27, 1998

Mr. Scott M. Sheplak, P.E.
Department of Environmental Protection
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301

Dear Mr. Sheplak:

RE: Plant Scholz Title IV Phase II NOx Compliance Plan
ORIS Code: 642
FDEP Draft Permit No: 0630014-001-AV

Attached, please find Gulf Power's revised Phase II NOx Compliance Plan and associated NOx Averaging Plan for the Scholz Electric Generating Plant (ORIS Code 642). Please note that the new original signed copy of the averaging plan is attached to Gulf Power's Crist Title IV NOx Compliance Plan submission dated July 27, 1998. ***This revised submission changes the System NOx Averaging Plan to two decimal points instead of four as originally submitted on December 18, 1997.***

The NOx compliance plan for this unit utilizes a NOx averaging plan that includes other affected units in the Southern Company. Title V permitting authorities with jurisdiction over the units in the plan include the States of Alabama, Georgia and Mississippi, as well as the Jefferson County Department of Health in Alabama. Our sister operating companies within the Southern Company are providing their respective state environmental regulatory agencies a copy of this NOx averaging plan with their Phase II NOx permit compliance plans, thereby fulfilling the requirement of the General Instructions (Item 4a) to provide a copy of the plan to other Title V permitting authorities with jurisdiction over any units in the plan.

If you have any questions or need further information regarding the Scholz Title IV Phase II Compliance and Averaging Plan, please call me at (850) 444.6527.

Sincerely,

A handwritten signature in black ink that reads "G. Dwain Waters, Q.E.P." The signature is written in a cursive style.

G. Dwain Waters, Q.E.P.
Air Quality Programs Coordinator

Page 2
Mr. Scott Sheplack
July 27, 1998

cc: Robert G. Moore, Gulf Power Company
James O Vick, Gulf Power Company
L. A. Jeffers, Gulf Power Company
Ken Peacock, Gulf Power Company
Danny Herrin, Southern Company Services
Brian L. Beals EPA Region IV

Florida Department of Environmental Protection

Phase II NO_x Compliance Plan

For more information, see instructions and refer to 40 CFR 76.9

This submission is: New Revised Page of

STEP 1 Indicate plant name, state, and ORIS code from NADB, if applicable.	SCHOLZ ELECTRIC GENERATING PLANT Plant Name	FL State	642 ORIS Code
STEP 2	Identify each affected Group 1 and Group 2 boiler using the boiler ID# from NADB, if applicable. Indicate boiler type: "CB" for cell burner, "CY" for cyclone, "DBW" for dry bottom wall-fired, "T" for tangentially fired, "V" for vertically fired, and "WB" for wet bottom. Indicate the compliance option selected for each unit.		

ID#	ID#	ID#	ID#	ID#	ID#
1	2				
Type	Type	Type	Type	Type	Type
DBW	DBW				

(a) Standard annual average emission limitation of 0.50 lb/mmBtu (for <u>Phase I</u> dry bottom wall-fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(b) Standard annual average emission limitation of 0.45 lb/mmBtu (for <u>Phase I</u> tangentially fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(c) EPA-approved early election plan under 40 CFR 76.8 through 12/31/07 (also indicate above emission limit specified in plan)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(d) Standard annual average emission limitation of 0.46 lb/mmBtu (for <u>Phase II</u> dry bottom wall-fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(e) Standard annual average emission limitation of 0.40 lb/mmBtu (for <u>Phase II</u> tangentially fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(f) Standard annual average emission limitation of 0.68 lb/mmBtu (for cell burner boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(g) Standard annual average emission limitation of 0.86 lb/mmBtu (for cyclone boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(h) Standard annual average emission limitation of 0.80 lb/mmBtu (for vertically fired boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(i) Standard annual average emission limitation of 0.84 lb/mmBtu (for wet bottom boilers)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(j) NO _x Averaging Plan (include NO _x Averaging form)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(k) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(A) (check the standard emission limitation box above for most stringent limitation applicable to any unit utilizing stack)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SCHOLZ ELECTRIC GENERATING PLANT
Plant Name (from Step 1)

STEP 2, cont'd.

ID#	ID#	ID#	ID#	ID#	ID#
Type	Type	Type	Type	Type	Type

(l) Common stack pursuant to 40 CFR 75.17(a)(2)(i)(B) with NO_x Averaging (check the NO_x Averaging Plan box and include NO_x Averaging Form)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

(m) EPA-approved common stack apportionment method pursuant to 40 CFR 75.17 (a)(2)(i)(C), (a)(2)(iii)(B), or (b)(2)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

(n) AEL (include Phase II AEL Demonstration Period, Final AEL Petition, or AEL Renewal form as appropriate)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

(o) Petition for AEL demonstration period or final AEL under review by U.S. EPA or demonstration period ongoing

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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(p) Repowering extension plan approved or under review

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

STEP 3

Read the standard requirements and certification, enter the name of the designated representative, sign and date.

Standard Requirements

General. This source is subject to the standard requirements in 40 CFR 72.9 (consistent with 40 CFR 76.8(e)(1)(i)). These requirements are listed in this source's Acid Rain Part of its Title V permit.

Special Provisions for Early Election Units

Nitrogen Oxides. A unit that is governed by an approved early election plan shall be subject to an emissions limitation for NO_x as provided under 40 CFR 76.8(a)(2) except as provided under 40 CFR 76.8(e)(3)(iii).

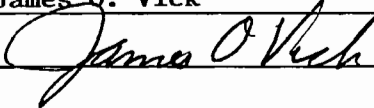
Liability. The owners and operators of a unit governed by an approved early election plan shall be liable for any violation of the plan or 40 CFR 76.8 at that unit. The owners and operators shall be liable, beginning January 1, 2000, for fulfilling the obligations specified in 40 CFR Part 77.

Termination. An approved early election plan shall be in effect only until the earlier of January 1, 2008 or January 1 of the calendar year for which a termination of the plan takes effect. If the designated representative of the unit under an approved early election plan fails to demonstrate compliance with the applicable emissions limitation under 40 CFR 76.5 for any year during the period beginning January 1 of the first year the early election takes effect and ending December 31, 2007, the permitting authority will terminate the plan. The termination will take effect beginning January 1 of the year after the year for which there is a failure to demonstrate compliance, and the designated representative may not submit a new early election plan. The designated representative of the unit under an approved early election plan may terminate the plan any year prior to 2008 but may not submit a new early election plan. In order to terminate the plan, the designated representative must submit a notice under 40 CFR 72.40(d) by January 1 of the year for which the termination is to take effect. If an early election plan is terminated any year prior to 2000, the unit shall meet, beginning January 1, 2000, the applicable emissions limitation for NO_x for Phase II units with Group 1 boilers under 40 CFR 76.7. If an early election plan is terminated on or after 2000, the unit shall meet, beginning on the effective date of the termination, the applicable emissions limitation for NO_x for Phase II units with Group 1 boilers under 40 CFR 76.7.

STEP 3, cont'd.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	James O. Vick		
Signature		Date	7/27/98



Phase II NO_x Averaging Plan

For more information, see instructions and refer to 40 CFR 76.11

Page 1

This submission is: New Revised

Page of

STEP 1

Identify the units participating in this averaging plan by plant name, State, and boiler ID# from NADB. In column (a), fill in each unit's applicable emission limitation from 40 CFR 76.5, 76.6, or 76.7. In column (b), assign an alternative contemporaneous annual emissions limitation in lb/mmBtu to each unit. In column (c), assign an annual heat input limitation in mmBtu to each unit. Continue to page 3 if necessary.

Plant Name	State	ID#	(a) Emission Limitation	(b) Alt. Contemp. Emission Limitation	(c) Annual Heat Input Limit
See Page 3					

STEP 2

Use the formula to enter the Btu-weighted annual emission rate averaged over the units if they are operated in accordance with the proposed averaging plan and the Btu-weighted annual average emission rate for the same units if they are operated in compliance with 40 CFR 76.5, 76.6, or 76.7. The former must be less than or equal to the latter.

Btu-weighted annual emission rate averaged over the units if they are operated in accordance with the proposed averaging plan

Btu-weighted annual average emission rate for same units operated in compliance with 40 CFR 76.5, 76.6 or 76.7

0.46

≤

0.46

$$\frac{\sum_{i=1}^n (R_{Li} \times HI_i)}{\sum_{i=1}^n HI_i}$$

≤

$$\frac{\sum_{i=1}^n [R_{1i} \times HI_i]}{\sum_{i=1}^n HI_i}$$

Where,

- R_{Li} = Alternative contemporaneous annual emission limitation for unit i, in lb/mmBtu, as specified in column (b) of Step 1;
- R_{1i} = Applicable emission limitation for unit i, in lb/mmBtu, as specified in column (a) of Step 1;
- HI_i = Annual heat input for unit i, in mmBtu, as specified in column (c) of Step 1;
- n = Number of units in the averaging plan

Plant Name (from Step 1)

STEP 3

Mark one of the two options and enter dates.

This plan is effective for calendar year _____ through calendar year _____ unless notification to terminate the plan is given.

Treat this plan as identical plans, each effective for one calendar year for the following calendar years: 2000, 2001, 2002, 2003 and 2004 unless notification to terminate one or more of these plans is given.

STEP 4

Read the special provisions and certification, enter the name of the designated representative, and sign and date.

Special Provisions

Emission Limitations

Each affected unit in an approved averaging plan is in compliance with the Acid Rain emission limitation for NO_x under the plan only if the following requirements are met:

- (i) For each unit, the unit's actual annual average emission rate for the calendar year, in lb/mmBtu, is less than or equal to its alternative contemporaneous annual emission limitation in the averaging plan, and
 - (a) For each unit with an alternative contemporaneous emission limitation less stringent than the applicable emission limitation in 40 CFR 76.5, 76.6, or 76.7, the actual annual heat input for the calendar year does not exceed the annual heat input limit in the averaging plan,
 - (b) For each unit with an alternative contemporaneous emission limitation more stringent than the applicable emission limitation in 40 CFR 76.5, 76.6, or 76.7, the actual annual heat input for the calendar year is not less than the annual heat input limit in the averaging plan, or
- (ii) If one or more of the units does not meet the requirements of (i), the designated representative shall demonstrate, in accordance with 40 CFR 76.11(d)(1)(ii)(A) and (B), that the actual Btu-weighted annual average emission rate for the units in the plan is less than or equal to the Btu-weighted annual average rate for the same units had they each been operated, during the same period of time, in compliance with the applicable emission limitations in 40 CFR 76.5, 76.6, or 76.7.
- (iii) If there is a successful group showing of compliance under 40 CFR 76.11(d)(1)(ii)(A) and (B) for a calendar year, then all units in the averaging plan shall be deemed to be in compliance for that year with their alternative contemporaneous emission limitations and annual heat input limits under (i).

Liability

The owners and operators of a unit governed by an approved averaging plan shall be liable for any violation of the plan or this section at that unit or any other unit in the plan, including liability for fulfilling the obligations specified in part 77 of this chapter and sections 113 and 411 of the Act.

Termination

The designated representative may submit a notification to terminate an approved averaging plan, in accordance with 40 CFR 72.40(d), no later than October 1 of the calendar year for which the plan is to be terminated.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Charles D. McCrary	
Signature <i>Charles D. McCrary</i>	Date 7/20/98

Southern Company Averaging Plan Participating Plants

Plant Name (from Step 1) as Listed in Step 1.

NO_x Averaging - Page 3

STEP 1
Continue the
identification of
units from Step 1,
page 1, here.

Plant Name	State	ID #	(a)	(b)	(c)
			Emission Limitation	Alt. Contemp. Emission Limitation	Annual Heat Input Limit
Barry	AL	1	0.40	0.49	10,805,761
Barry	AL	2	0.40	0.49	10,643,159
Barry	AL	3	0.40	0.49	17,148,763
Barry	AL	4	0.40	0.37	25,471,720
Barry	AL	5	0.40	0.45	50,897,853
Bowen	GA	1	0.45	0.42	45,395,755
Bowen	GA	2	0.45	0.43	46,911,826
Bowen	GA	3	0.45	0.43	59,796,338
Bowen	GA	4	0.45	0.43	62,106,898
Branch	GA	1	0.68	0.99	14,906,580
Branch	GA	2	0.50	0.72	16,571,123
Branch	GA	3	0.68	0.84	27,015,768
Branch	GA	4	0.68	0.84	28,967,878
Crist	FL	4	0.45	0.52	3,062,929
Crist	FL	5	0.45	0.60	4,850,348
Crist	FL	6	0.50	0.45	17,603,755
Crist	FL	7	0.50	0.45	32,267,381
Daniel	MS	1	0.45	0.28	28,010,957
Daniel	MS	2	0.45	0.26	29,025,313
Gadsden	AL	1	0.45	0.65	2,473,380
Gadsden	AL	2	0.45	0.68	2,333,659
Gaston	AL	1	0.50	0.43	15,666,430
Gaston	AL	2	0.50	0.43	15,642,121
Gaston	AL	3	0.50	0.43	16,016,613
Gaston	AL	4	0.50	0.43	15,780,983
Gaston	AL	5	0.45	0.42	43,137,116
Gorgas	AL	6	0.46	0.86	5,058,595
Gorgas	AL	7	0.46	0.86	5,052,447
Gorgas	AL	8	0.40	0.49	11,173,785
Gorgas	AL	9	0.40	0.30	10,939,664
Gorgas	AL	10	0.40	0.76	46,251,622
Greene Co	AL	1	0.68	0.98	19,524,675
Greene Co	AL	2	0.46	0.43	18,839,670

Southern Company Averaging Plan Participating Plants

Plant Name (from Step 1)

as Listed in Step 1.

NO_x Averaging - Page 4

STEP 1
Continue the
identification of
units from Step 1,
page 1, here.

Plant Name	State	ID #	(a)	(b)	(c)
			Emission Limitation	Alt. Contemp. Emission Limitation	Annual Heat Input Limit
Hammond	GA	1	0.50	0.83	4,539,663
Hammond	GA	2	0.50	0.83	6,333,156
Hammond	GA	3	0.50	0.83	6,439,818
Hammond	GA	4	0.50	0.45	26,126,591
Kraft	GA	1	0.45	0.58	2,974,849
Kraft	GA	2	0.45	0.58	2,238,703
Kraft	GA	3	0.45	0.58	3,971,009
L. Smith	FL	1	0.40	0.62	9,199,644
L. Smith	FL	2	0.40	0.44	10,154,723
McDonough	GA	1	0.45	0.42	18,934,013
McDonough	GA	2	0.45	0.42	17,338,565
McIntosh	GA	1	0.50	0.86	8,568,975
Miller	AL	1	0.46	0.29	53,814,591
Miller	AL	2	0.46	0.29	52,772,559
Miller	AL	3	0.46	0.29	49,093,163
Miller	AL	4	0.46	0.29	55,722,252
Mitchell	GA	3	0.45	0.62	5,322,072
Scherer	GA	1	0.40	0.50	52,573,864
Scherer	GA	2	0.40	0.50	55,563,600
Scherer	GA	3	0.45	0.29	37,912,770
Scherer	GA	4	0.40	0.30	70,093,731
Scholz	FL	1	0.50	0.68	1,855,434
Scholz	FL	2	0.50	0.77	1,864,795
Wansley	GA	1	0.45	0.41	53,141,279
Wansley	GA	2	0.45	0.42	49,741,786
Watson	MS	4	0.50	0.50	17,100,575
Watson	MS	5	0.50	0.65	33,455,317
Yates	GA	1	0.45	0.48	3,853,527
Yates	GA	2	0.45	0.48	4,687,321
Yates	GA	3	0.45	0.48	3,981,916
Yates	GA	4	0.45	0.40	7,087,706
Yates	GA	5	0.45	0.40	5,186,897
Yates	GA	6	0.45	0.33	13,373,298
Yates	GA	7	0.45	0.30	14,601,869

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

RECEIVED

JUN 20 1998

BUREAU OF
AIR REGULATION

GULF POWER COMPANY,
Petitioner,

vs.

OGC CASE NO. 97-1823

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION,

Respondent.

_____ /

ORDER GRANTING REQUEST FOR EXTENSION
OF TIME TO FILE PETITION FOR HEARING

This cause has come before the Florida Department of Environmental Protection (Department) on receipt of a request made by Petitioner, Gulf Power Company, to grant an extension of time to file a petition for an administrative hearing on Application No. 0630014-001-AV. See Exhibit 1.


Respondent, State of Florida Department of Environmental Protection, has no objection to it. Therefore,

IT IS ORDERED:

The request for an extension of time to file a petition for administrative proceeding is granted. Petitioner shall have until October 1, 1998, to file a petition in this matter. Filing shall be complete on receipt by the Office of General Counsel, Mail Station 35, Department of Environmental Protection, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000.

DONE AND ORDERED on this 25 day of June, 1998, in
Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


F. PERRY ODOM
General Counsel

Douglas Building, MS #35
3900 Commonwealth Boulevard
Tallahassee, FL 32399-3000
Telephone: (904) 488-9314

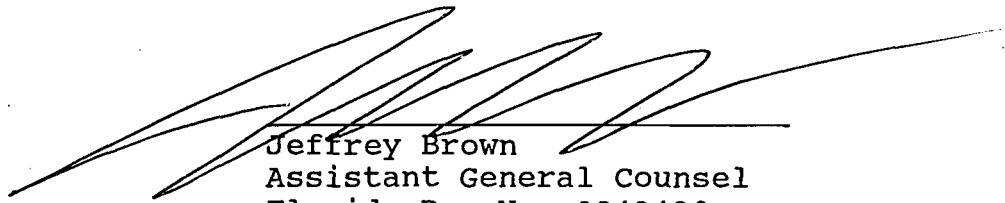
CERTIFICATE OF SERVICE

I CERTIFY that a true copy of the foregoing was mailed
to:

Angela R. Morrison, Esq.
Post Office Box 6526
Tallahassee, Florida 32314

on this 25 day of June, 1998.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


Jeffrey Brown
Assistant General Counsel
Florida Bar No. 0843430

Mail Station 35
3900 Commonwealth Boulevard
Tallahassee, FL 32399-3000
Telephone: (904) 488-9730

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

In the Matter of an
Application for Permit by:

OGC No. 97-1823

Gulf Power Company
One Energy Place
Pensacola, FL 32520

DRAFT Permit No.: 0630014-001-AV
Scholz Plant
Jackson County

REQUEST FOR EXTENSION OF TIME

By and through undersigned counsel, Gulf Power Company (Gulf) hereby requests, pursuant to Florida Administrative Code Rules 28-106.111(3) and 62-103.050(1), an extension of time, to and including October 1, 1998, in which to file a Petition for Administrative Proceedings in the above-styled matter. As good cause for granting this request, Gulf states the following:

1. On or about October 6, 1997, Gulf received from the Department of Environmental Protection (Department) an "Intent to Issue Title V Air Operation Permit" (Permit No. 0630014-001-AV) for the Scholz Plant located in Escambia County, Florida. Along with the Intent to Issue, Gulf received a draft Title V permit and "Public Notice of Intent to Issue Title V Air Operation Permit."
2. By order dated April 15, 1998, the Department granted an extension of time until July 1, 1998, within which to file a petition for an administrative hearing.
3. The draft permit and associated documents contain several provisions that warrant clarification or correction.

4. Representatives of Gulf have corresponded and intend to continue to correspond with staff of the Department's Bureau of Air Regulation in an effort to resolve all issues.

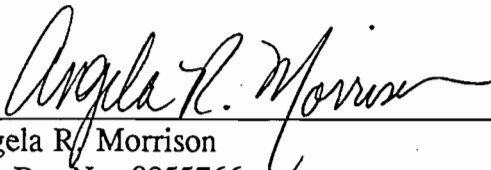
5. This request is filed simply as a protective measure to avoid waiver of Gulf's right to challenge certain conditions contained in the draft Title V permit. Grant of this request will not prejudice either party, but will further their mutual interest and likely avoid the need to file a petition and proceed to a formal administrative hearing.

6. Jonathan Holtom with the Bureau of Air Regulation has agreed to an extension until October 1, 1998, on behalf of the Department. Counsel for Gulf has attempted without success to contact Jeffrey Brown with the Office of General Counsel regarding this request.

WHEREFORE, Gulf respectfully requests that the time for filing of a Petition for Administrative Proceedings in regard to the Department's Intent to Issue Title V Air Operation Permit for Permit No. 0630014-001-AV be formally extended to and including October 1, 1998.

Respectfully submitted this 22nd day of June, 1998.

HOPPING GREEN SAMS & SMITH, P.A.



Angela R. Morrison
Fla. Bar No. 0855766
123 South Calhoun Street
Post Office Box 6526
Tallahassee, FL 32314
(850) 222-7500

Attorney for GULF POWER COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished to the following
by U.S. Mail on this 22nd day of June, 1998.

Clair H. Fancy, P.E.
Chief
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600

Jeffrey Brown
Office of General Counsel
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600



Attorney

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

In the Matter of an
Application for Permit by:

OGC No. 97-1823

Gulf Power Company
One Energy Place
Pensacola, FL 32520

DRAFT Permit No.: 0630014-001-AV
Scholz Plant
Jackson County

REQUEST FOR EXTENSION OF TIME

By and through undersigned counsel, Gulf Power Company (Gulf) hereby requests, pursuant to Florida Administrative Code Rules 62-110.106(4), an extension of time, to and including December 1, 1998, in which to file a Petition for Administrative Proceedings in the above-styled matter. As good cause for granting this request, Gulf states the following:

1. On or about October 6, 1997, Gulf received from the Department of Environmental Protection (Department) an "Intent to Issue Title V Air Operation Permit" (Permit No. 0630014-001-AV) for the Scholz Plant located in Escambia County, Florida. Along with the Intent to Issue, Gulf received a draft Title V permit and "Public Notice of Intent to Issue Title V Air Operation Permit."
2. By order dated June 25, 1998, the Department granted an extension of time until October 1, 1998, within which to file a petition for an administrative hearing.
3. The draft permit and associated documents contain several provisions that warrant clarification or correction.

4. Representatives of Gulf have corresponded and intend to continue to correspond with staff of the Department's Bureau of Air Regulation in an effort to resolve all issues.

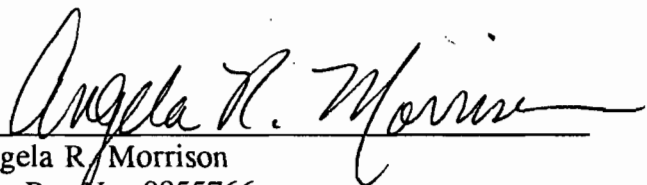
5. This request is filed simply as a protective measure to avoid waiver of Gulf's right to challenge certain conditions contained in the draft Title V permit. Grant of this request will not prejudice either party, but will further their mutual interest and likely avoid the need to file a petition and proceed to a formal administrative hearing.

6. Counsel for Gulf has attempted without success to contact Jeffrey Brown with the Office of General Counsel regarding this request.

WHEREFORE, Gulf respectfully requests that the time for filing of a Petition for Administrative Proceedings in regard to the Department's Intent to Issue Title V Air Operation Permit for Permit No. 0630014-001-AV be formally extended to and including December 1, 1998. If the Department denies this request, Gulf requests the opportunity to file a Petition for Administrative Proceedings within 10 days of such denial.

Respectfully submitted this 1st day of October, 1998.

HOPPING GREEN SAMS & SMITH, P.A.



Angela R. Morrison
Fla. Bar No. 0855766
123 South Calhoun Street
Post Office Box 6526
Tallahassee, FL 32314
(850) 222-7500

Attorney for GULF POWER COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished to the following
by U.S. Mail on this 1st day of October, 1998.

Clair H. Fancy, P.E.
Chief
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600

Jeffrey Brown
Office of General Counsel
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600



Attorney

Jonathan

Scott 8/28/83/17

Bruce
Bon

FYI

Date: 3/10/98 4:44:23 PM
From: Jonathan Holtom TAL
Subject: Re: Gulf Power

I have a question about the GP Scholz plant in Jackson county. I've been reviewing quarterly CEM reports from them and have found that they exceeded the percent time allowable for excess emissions, actually on a regular basis. I know this is only a peaking station and doesn't operate very often. Since you have our permits and are doing title V you might be familiar with any conditions relating to operation of the CEM in the present permit. I found a letter in the compliance file that makes it sound like the CEM for opacity may not even be addressed in the permit; that GP has been monitoring opacity for years without being required to have a CEM. Can you tell me if this exceedance is federally enforceable?

Thanks,
Bonnie
C/E Air

The DRAFT Title V permit states the applicable requirements for VE excess emissions pretty well:

A.6. Visible Emissions - Soot Blowing and Load Change. Visible emissions shall not exceed 60 percent opacity during the 3-hours in any 24-hour period of excess emissions allowed for boiler cleaning (soot blowing) and load change.

A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit's rated capacity and which occurs at a rate of 0.5 percent per minute or more.

Visible emissions above 60 percent opacity shall be allowed for not more than 4, six (6)-minute periods, during the 3-hour period of excess emissions allowed for boiler cleaning and load changes, at units which have installed continuous opacity monitors.
[Rule 62-210.700(3), F.A.C.]

The current operation permit (AO32-211311, condition 6.) states that "Excess emissions are defined as follows:

- A. Any six-minute average for opacity which exceeds the standard.
- B. Any 24-hour average for sulfur dioxide which exceeds the standard.

The VE standard is listed in the permit (condition 5.) as 40% opacity.

Condition 14. states that the Department shall be notified as soon as possible (by telephone) of excess emissions that are beyond the allowances of FAC Rule 17-2.250 (62-210.700), such as:

- A. Any soot blowing or load changes that cause excess visible emissions for a period longer than three hours, or that exceed 60% opacity (six-minute average) more than 4 times in any one day.
- B. Any malfunction that causes visible emissions for a period longer than two hour in any one day.
- C. (regards SO2)

Immediately upon notification of excess emissions that are beyond the allowances, the permittee shall take the necessary steps to determine the cause and arrange a meeting with the Department within 72 hours to discuss a settlement of the violation with corrective action to avoid recurrence.

Condition 7. requires a log to be maintained showing the duration of excess visible emissions and their causes.

The current permit does not specifically state that an opacity meter be maintained, however, it is an applicable requirement contained in Rule 62-296.405(1)(f)1., F.A.C., and, as such, has been restated in the DRAFT Title V permit. Because 62-296.405 is federally enforceable

Required information {see KPL letter dated 3/10/98.}

through our SIP, Gulf Power is required to comply with the rule even if it is not specifically stated in their permit.

It sounds as if they are out of compliance with their permit and with federally enforceable standards. If so, the compliance statement may not be accurate on their Title V permit application if the periods of noncompliance occurred immediately prior to the submission of their application (June 15, 1996). Please let me know what you decide and the action that is taken. I am in the process of sorting through some modeled violations before I can issue the proposed Title V permit, but if they are not in compliance, I can not issue the permit. Let me know what else I can do. Thanks.

NEW NESHAP ASBESTOS CASES

Northwest District, Washington County, Washington County Board of Commissioners. Northwest District issued a warning letter to the Washington County Board of Commissioners for a removal involving regulated flooring.

Northwest District, Okaloosa County, Recon Services, Inc. A consent order is being drafted for improper disposal during a renovation at Eglin Air Force Building #1.

RESOLVED NESHAP ASBESTOS CASES

Northwest District, Bay County, Asbestos Free, Incorporated and Naval Air Station - Pensacola. A consent order was signed and a penalty of \$6,200 was paid for an improper removal performed by Asbestos Free, Inc.

Northwest District, Leon County, Asbestos Abatement Contractor. Asbestos Abatement Contractor signed a consent order and paid a penalty of \$3,200 for improper removal violations.

NEW STATIONARY SOURCE ENFORCEMENT CASES

- Central District, Brevard County, Orlando Utilities Commission - Indian River Plant. Central District issued a warning letter to Orlando Utilities Commission for not conducting the required Method 20 testing to demonstrate compliance for NO_x emission standards during FFY 96-97. The test was substituted with a different test, without obtaining Department approval.
- Southwest District, Manatee County, Florida Power and Light. Southwest District Issued a warning letter to Florida Power and Light for failure to properly operate and maintain Unit 2. Plant personnel had allowed the opacity of the Unit 2 stack emissions to drift above 40 percent opacity as measured by the continuous opacity monitor, for a total of 22 six-minute periods on September 30, 1997.
- Central District, Indian River County, City of Vero Beach Power Plant. Central District issued a warning letter to the City of Vero Beach for improper operation resulting in excess opacity, as recorded by the continuous opacity monitor at Unit #4.
- Central District, Lake County, Lake Cogen, Ltd. Central District issued a warning letter to Lake Cogen for a carbon monoxide exceedances at Units #1 and #2. Combustors were removed and replaced on Unit #1 in late October 1996 and in early 1997 on Unit #2. Compliance testing was not begun until August 11, 1997. The Unit #1 combustor was replaced and retested again on August 16, 1997, and Unit #2 on August 26, 1997, with both units testing back in compliance.
- Southeast District, Martin County, Indiantown Cogeneration, LP. Southeast District issued a warning letter to Indiantown Cogeneration for excess opacity emissions at Unit 1. Exceedances were noted on four days during November 1997.

RESOLVED STATIONARY SOURCE ENFORCEMENT CASES

- Southeast District, Manatee County, Florida Power and Light. The Southeast District dismissed the case against Florida Power and Light regarding a July 31, 1997 opacity exceedance at Unit 2. Information provided by the facility indicated that the best operational procedures, available at that time of the exceedance to minimize excess emission resulting from Unit 2 shutdown, were employed, and that no further enforcement would be pursued.
- Southwest District, Polk County, Florida Juice Partners, Ltd. Southwest District resolved the violation for exceeding the permitted process rate during compliance testing through compliance without formal enforcement. Since the particulate matter emission rate was not exceeded, and since the process rate exceedance occurred only on the day of the test and was inadvertently caused by a calculation error, no further enforcement is necessary.
- Southwest District, Hillsborough County, Gulf Coast Recycling. Gulf Coast Recycling signed a consent order and paid a penalty of \$1,200 for constructing and placing into operation a replacement crusher and vibrating screen without a construction permit.

One Energy Place
Pensacola, Florida 32520

Tel 850.444.6000



November 12, 1997

Mr. Scott M. Sheplak, P.E.
Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301

Dear Mr. Sheplak:

RE: PLANT SCHOLZ TITLE V RESPONSIBLE OFFICIAL CHANGE:
DRAFT PERMIT No: 0630014-001-AV

Attached, please find Gulf Power's request change for "Responsible Official" regarding the Draft Title V Permit (0630014-001-AV) issued on September 30, 1997 for the Scholz Electric Generating Plant.

If you have any questions or need further information regarding this request, please call me at (850) 444.6527.

Sincerely,

G. Dwain Waters, QEP
Air Quality Programs Coordinator,

cc: Robert G. Moore., Gulf Power Company
James O Vick, Gulf Power Company
L. A. Jeffers, Gulf Power Company
Kenny Peacock, Gulf Power Company
Danny Herrin, Southern Company Services

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official :

Name : Robert G. Moore.
Title : V.P. Power Generation/Transmission

2. Owner or Authorized Representative or Responsible Official Mailing Address :

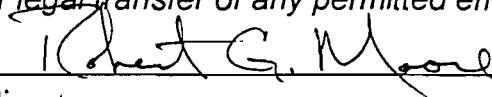
Organization/Firm : Gulf Power Company
Street Address : One Energy Place
City : Pensacola
State : FL Zip Code : 32520-0100

3. Owner/Authorized Representative or Responsible Official Telephone Numbers :

Telephone : (850)444-6383 Fax : (850)444-6744

4. Owner/Authorized Representative or Responsible Official Statement :

I, the undersigned, am the owner or authorized representative of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions units.*


Signature

10/15/97
Date

* Attach letter of authorization if not currently on file.

One Energy Place
Pensacola, Florida 32520

Tel 850.444.6000.



October 28, 1997

Mr. Scott M. Sheplak, P.E.
Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301

Dear Mr. Sheplak:

RE: PLANT SCHOLZ TITLE V PERMIT COMMENTS:
DRAFT PERMIT No: 0630014-001-AV

Attached, please find Gulf Power's comments regarding the Draft Title V Permit (0630014-001-AV) issued on September 30, 1997 for the Scholz Electric Generating Plant.

Please note that there has been an address change for Gulf Power Corporate Office to "One Energy Place, Pensacola, FL 32520-0328" and the area code for all of Gulf Power locations has changed to (850). In addition to the area code change, Plant Scholz has had a telephone change to 850.593.6421. Please made these changes to your telephone directory for Gulf Power.

If you have any questions or need further information regarding our draft Title V permit comments, please call me at (850) 444.6527.

Sincerely,

A handwritten signature in black ink, appearing to read "Dwain Waters".

G. Dwain Waters
Air Quality Programs Coordinator, QEP

cc: Robert G. Moore, Gulf Power Company
James O Vick, Gulf Power Company
L. A. Jeffers, Gulf Power Company
Kenny Peacock, Gulf Power Company
Danny Herrin, Southern Company Services

RECEIVED

OCT 29 1997

BUREAU OF
AIR REGULATION

PLANT SCHOLZ TITLE V DRAFT PERMIT COMMENTS:
10/24/97

SECTION I

Subsection A:

Page 2 Facility Description. In the third paragraph, it should be added that the permitting notes are not "enforceable" permit conditions to help clarify that not only is the purpose informational only, but that the notes are not intended to be enforced. ✓

SECTION II

Facility-wide Conditions

Page 4 Condition 8. Reasonable Precautions to Prevent Unconfined Particulate Matter.

General Comment: At a meeting with the FCG, Department representatives agreed to add a permitting note to conditions such as this one stating that this more specific condition implements and effectively supersedes Condition 57 under Attachment TV-1 (the general, canned conditions) which is basically a quote from Rule 62-296.320(4)(c), F.A.C. ✓

SECTION III

Subsection A:

Page 8 A 1. Permitted Capacity Lists permitted capacities of emissions unit numbers 001 and 002.

Comment: Add notation that permitted capacity can not be accurately monitored or determined by use of continuous emission monitoring systems installed or operated pursuant to 40 CFR Part 75. NO

Page 9 A.4. Hours of Operation. Requires Units 1 & 2 to maintain an operations log available for Department inspection that documents the total hours of annual operation, including a detailed account of hours operated on each of the allowable fuels. 62-213.440 and 62-210.200(PTE).

Comment: Unit(s) should not be required to have a continuous log of operations. Requirement does not note if this is a daily, hourly, monthly or annual log. These units demonstrate compliance to SO2 standards through CEMS. The current reporting under the AOR is all that should be required. NO

Page 10 A.9. Sulfur Dioxide - Solid Fuel. Limits Unit 1 & 2 to sulfur dioxide emissions at 4.75 lbs/mmbtu.

Comments: Southern Company modeling established an SO2 emissions rate of 6.17 lbs/mmbtu at Scholz 1 & 2. Attached to these comments are the detailed results of the model. ok

Page 11 A.16. Determination of Process Variables (a) Required Equipment. Requires unit to install, operate and maintain equipment or instruments necessary to determine process variables as heat input when such data is needed in conjunction with emissions data to determine compliance with applicable emission limiting standards. Rule 62-297.310(5)

Comment: It is unclear if this requirement applies only to the demonstration period of compliance which for particulate matter is an annual 3 run hourly test and SO2 is a 24 hour daily average using CEMS data. It should be noted that heat input for capacity purposes should only be determined by fuel sampling and analysis methods during annual particulate compliance testing. The annual particulate emission rate (lbs/mbtu) can be determined by the F-factor method as outlined in A.20 during this test. Daily (24 hour) SO2 emission rates shall be determined by CEM monitors on a real time basis as outlined in A.22.

No
Change

Page 11 A.16. Determination of Process Variables (b) Accuracy of Equipment. Requires equipment and instruments noted in (a) above to be operated, calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. Rule 62-297.310(5)

Comment: Does not specify how often this equipment should be checked or calibrated. Equipment used for SO2 compliance have QA/QC procedures associated with the acid rain program and meet QC provisions of A.22. Equipment associated with determination of capacity and/or heat input during particulate emissions particulate testing will be maintained within the designated accuracy range during the testing period. This requirement applies to equipment used during compliance testing.

No
change

Page 11 A.18. Visible Emissions Notes permittee has elected to utilize a transmissometer (opacity meter) for demonstrating compliance with the visible emissions limit.

Comment: Gulf Power's continuous emission monitors for opacity only records and reports opacity in block 6 minute intervals.

✓

Page 12 A.22. Continuous SO2 Emission Monitoring. Requires continuous SO2 emission monitoring using 24-hour averages with standards of the Department (Specific Condition 4)

Comment: Specific Condition 4 is Hours of Operation. The correct reference should be Specific Condition B.9 Sulfur Dioxide - Solid Fuel and B.10 Sulfur Dioxide - Liquid Fuel. Also, Delete "immediately initiate as-fired fuel sampling" to language outlined in the existing permit, i.e. In the event that valid data capture is not available, the permittee shall initiate as-fired fuel sampling to demonstrate compliance with the SO2 emission standard. The as-fired fuel sampling shall be initiated no later than 36 hours after the permittee has verified the problem or no later than 36 hours after the end of the affected calendar day.

ab

no

Page 13 A.24. Fuel Sampling and Analysis. Outlines various ASTM procedures to demonstrate compliance with the sulfur dioxide standard in the event that the SO2 CEM is not able to capture valid data.

Comment: Section (a) and (c) should be deleted and replaced with the provision that the source has accepted a sulfur percent limit for fuel oil and that limit will be verified with a fuel analysis provided by the vendor upon each fuel delivery. Additionally, references to the density of the fuel oil in Section (e) should be deleted. Add to Section (f), a note that if fuel oil is consumed during a day when these procedures are used that the latest fuel oil analysis will be used to calculate the SO2 emission rate.

No
Change

Page 18 A.30. Determination of Process Variables (a) Required Equipment. Requires unit to install, operate and maintain equipment or instruments necessary to determine process variables as heat input when such data is needed in conjunction with emissions data to determine compliance with applicable emission limiting standards. Rule 62-297.310(5)

Comment: It is unclear if this requirement applies only to the demonstration period of compliance which for particulate matter is an annual 3 run hourly test and SO2 is a 24 hour daily average using CEMS data. It should be noted that heat input for capacity purposes should only be determined by fuel sampling and

N/C

analysis methods during annual particulate compliance testing. The annual particulate emission rate (lbs/mbtu) can be determined by the F-factor method as outlined in A.20 during this test. Daily (24 hour) SO2 emission rates shall be determined by CEM monitors on a real time basis as outlined in A.22. **Same comments noted under A.16 above. Delete Condition A. 30(a) Required Equipment .**

✓
Repeat

Page 18 A.30. Determination of Process Variables (b) Accuracy of Equipment. Requires equipment and instruments noted in (a) above to be operated , calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. Rule 62-297.310(5)

Comment: Does not specify how often this equipment should be checked or calibrated. Equipment used for SO2 compliance have QA/QC procedures associated with the acid rain program and meet QC provisions of A.22. Equipment associated with determination of capacity and/or heat input during particulate emissions particulate testing will be maintained within the designated accuracy range during the testing period. This requirement applies to equipment used during compliance testing. **Same comments noted under A. 16 above. Delete Condition A. 30 (b) Accuracy of Equipment.**

✓
Repeat

Page 18 A.31. Recordkeeping and Reporting Requirements. Requires owner or operator to maintain continuous records of fuel consumption and each analysis that provides the heating value and sulfur content for all fuels fired. Rule 62-214.440 and 62-4.070(3) F.A.C.

Comment: Unit(s) should not be required to maintain continuous records of fuel consumption if the unit accepts continuous emission monitoring as the SO2 compliance method and accepts a percent sulfur restriction for sulfur dioxide for liquid fuels. Liquid fuel sulfur content is monitored by as-received vendor fuel analysis. See condition A.10. Only annual reporting under the Annual Operating Report should be required.

N/C

Page 18 A.32. Recordkeeping and Reporting Outline notification and reporting requirements in case of excess emissions resulting from malfunctions.

Comment: It should be noted that notification to the Department is required after the two hour daily exemption has occurred and not from any malfunction.

NO

Page 20 A.36. e. Testing Requirements: Outline testing requirements for used oil.

Comment: Used oil for which the operator has generator knowledge having no possibility of contamination by PCB should not be required to test for PCBs.

oh

Page 20 A.36. f. RecordKeeping Requirements: The general condition pertaining to the use of a used oil form for record keeping purposes, although not a specific regulatory requirement, should nonetheless be implemented as it is to be considered a BMP (Best Management Practices). (1): Condition requires the source to maintain records of quantities of used oil generated that is transferred into the approved AST (above ground storage tank) at the source.

used oil
cond.
changed

Comments: Current procedures allow the AST to be batch-tested once it is filled and that quantity burned. It is overly burdensome to maintain records of each volume of oil added to the AST during any period. Additionally, there is no regulatory requirement for records to be completed by any specified date, particularly arbitrarily derived dates.

Page 20 A.36. f. RecordKeeping Requirements. The general condition pertaining to the use of a used oil form for record keeping purposes, although not a specific regulatory requirement, should nonetheless be implemented as it is to be considered a BMP (Best Management Practices). (2): Requires records of used oil management to completed by no later than the fifteenth day of the succeeding month.

✓

Comment: There is no regulatory requirement for any specified date for record keeping completion purposes. The Department's language in this part of the proposed condition regarding consecutive 12 month periods is not consistent with earlier provisions which talk about a calendar year limitation on the total quantity of used oil that can be burned. Delete this requirement.

Changed

Page 20 A.36. g. Reporting Requirements. Requires the source to report to the Northwest District office within thirty days of the end of each calendar quarter, the analytical results and the total amount of on-specification used oil generated and burned during the quarter.

Comment: There is no current regulatory requirement for quarterly reporting of used oil activities to the District. Current reporting through the Annual Operating Reporting should be adequate to meet monitoring of on-specification used oil activities.

Changed

NOTE: Cite [40 CFR 761.20(e)] is not applicable to these conditions; this cite addresses marking requirements for PCB containers.

SECTION IV ACID RAIN PART:

Page 23 A.4 Comments, notes and justifications. Notes Designated Representative history.

Comments: Add most recent change from G. Edison Holland, Jr. to Robert G. Moore. Additionally, it should be noted that this specific condition should be changed to an unenforceable "permitting note" since this information can and will change frequently with appropriate notice.

APPENDIX E-1

General Comment: Many of the list of trivial or insignificant activities noted under the facility section and the applicant's "Emissions Unit 4" outlined in the Scholz Title V Application were not included in the final permit. Gulf Power assumes that these activities and units not listed in the permit were determined to be either exempt or unregulated as "Trivial" by the Department's guidance memorandum dated March 15, 1996 or agreed to by the Department as case by case trivial activities requiring no permitting action.

APPENDIX U-1

General Comment: Fugitive PM emissions from Sandblasting are not listed as a unregulated emissions as outlined in the Scholz Title V Application under Emissions Unit 4. Addition of this activity is requested.

TABLE 1-1

Comment: See attached Table 1-1 for corrections.

TABLE 2-1

Comment: See attached Table 2-1 for corrections.

Table 1-1, Summary of Air Pollutant Standards and Terms

Gulf Power Company
Scholz Generating Plant

DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of the permit.

E. U. ID No.	Brief Description	Pollutant Name	Fuel(s)	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citation(s)	See Permit Condition(s)
					Standard(s)	lbs./hour	TPY	lbs./hour	TPY		
-001	Boiler #1 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour - Oil)	VE	Coal	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
			No. 2 Fuel Oil	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
	PM	Coal	8760	0.1 lb/MMBtu	N/A	N/A	64.6	282.9	62-296.405(1)(b)	A.7.	
		No. 2 Fuel Oil	8760	0.1 lb/MMBtu	N/A	N/A	1.2	5.4	62-296.405(1)(b)	A.7.	
	PM - SB	Coal	3 hr/day	0.3 lb/MMBtu	N/A	N/A	193.7	10685.5	62-210.700(3)	A.8.	
		No. 2 Fuel Oil	3 hr/day	0.3 lb/MMBtu	N/A	N/A	3.7	2.0 6.8	62-210.700(3)	A.8.	
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	8760	4.75 lb/MMBtu	N/A	N/A	3,067.1	13,433.8	62-2204.240(1)	A.9.
			No. 2 Fuel Oil	8760	0.5% Sulfur	N/A	N/A	3,067.1 6.1	13,433.8 26.3	Applicant Request	A.10.
-002	Boiler #2 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour - Oil)	VE	Coal	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
			No. 2 Fuel Oil	8760	40%			N/A	N/A	62-296.405(1)(a)	A.5.
	PM	Coal	8760	0.1 lb/MMBtu	N/A	N/A	64.6	282.9	62-296.405(1)(b)	A.7.	
		No. 2 Fuel Oil	8760	0.1 lb/MMBtu	N/A	N/A	1.2	5.4	62-296.405(1)(b)	A.7.	
	PM - SB	Coal	3 hr/day	0.3 lb/MMBtu	N/A	N/A	193.7	10685.5	62-210.700(3)	A.8.	
		No. 2 Fuel Oil	3 hr/day	0.3 lb/MMBtu	N/A	N/A	3.7	2.0 6.8	62-210.700(3)	A.8.	
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	8760	4.75 lb/MMBtu	N/A	N/A	3,067.1	13,433.8	62-2204.240(1)	A.9.
			No. 2 Fuel Oil	8760	0.5% Sulfur	N/A	N/A	3,067.1 6.1	13,433.8 26.3	Applicant Request	A.10.

Notes:
 * The "Equivalent Emissions" listed are for informational purposes.
 ** PM - SB refers to "soot blowing" and "load change".

DEP/AIR RESOURCES MGMT Fax: 904-922-6979

Oct 24 '97

16:38

P.05/06

Table 2-1, Summary of Compliance Requirements

Gulf Power Company
Scholz Generating Plant

DRAFT Permit No.: 0630014-001-AV
Facility ID No.: 0630014

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E. U. ID No.	Brief Description	Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing	Frequency	Min. Compliance	CMS ¹	See Permit Condition(s)
					Time Frequency	Base Date ²	Test Duration		
-001	Boiler #1 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hour -Oil)	VE	Coal	DEP method 9 CEM	6-min Annually ³	Sept. 30	6-60 Minutes	Yes	A.14., 17., 18., 22., 24., 27., 29., 31.-34.
			No. 2 Fuel Oil	DEP method 9 CEM	6-min Annually ³	Sept. 30	6-60 Minutes	Yes	
	PM	Coal	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No	A.19., A.24. - 29., 31., 32., 34.	
		No. 2 Fuel Oil	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No		
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	6, 6A, 6B or 6C CEMS	24-Hour Annually ³	Sept. 30	24 Hour	Yes	
No. 2 Fuel Oil			Fuel Sampling & Analysis Provided by Vendor			Yes			
-002	Boiler #2 (645.7 MMBtu/hour - Coal) (12.4 MMBtu/hr - Oil)	VE	Coal	DEP method 9 CEM	6-min Annually ³	Sept. 30	6-60 Minutes	Yes	A.14., 17., 18., 22., 24., 27.-29., 31.-34.
			No. 2 Fuel Oil	DEP method 9 CEM	6-min Annually ³	Sept. 30	6-60 Minutes	Yes	
	PM	Coal	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No	A.19., A.24. - 29., 31., 32., 34.	
		No. 2 Fuel Oil	17, 5, 5B or 5F	Annually ³	Sept. 30	1 Hour	No		
	-Acid Rain Phase I Unit -Acid Rain Phase II Unit	SO ₂	Coal	6, 6A, 6B or 6C CEMS	24-Hour Annually ³	Sept. 30	24 Hour	Yes	
No. 2 Fuel Oil			Fuel Sampling & Analysis Provided by Vendor			Yes			

Notes:

¹ CMS [=] continuous monitoring system used for monitoring requirement in lieu of fuel sampling and analysis if marked 'yes'.
(Acceptable as long as CMS is maintained and calibrated as required.)

² Frequency base date established for planning purposes only; see Rule 62-297.310, F.A.C.

³ Test not required in years that liquid and/or solid fuel fired less than 400 hours other than startup/shutdown. NO

Air Quality Modeling Analyses for Plant Scholz

On behalf of Gulf Power Company, Southern Company Services (SCS) has reviewed the air quality modeling analysis conducted by FDEP to estimate SO₂ impacts due to the operation of Plant Scholz. This letter summarizes the results of that review and recommends 1) the use of corrections to the stack input data and 2) that the use of a more technically superior downwash model be considered for estimating the SO₂ impacts due to Plant Scholz in accordance with the case-by-case basis provisions outlined in the Federal Register notice of March 1980 (45 FR 20157). Our comments and the results of our re-analyses follow:

- 1) The stack exit velocity used in the FDEP analysis does not represent the total actual volumetric flow rate from both boilers. Recent stack test data indicate an average flow rate of 252,030 ACFM for Unit 1 and 296,287 ACFM for Unit 2, for a total stack flow rate of 548,317 ACFM (see Attachment 1). This flow rate corresponds to an exit velocity of 19.46 m/sec for the stack diameter of 4.11 m.

Since these stack tests were conducted when each boiler was operating at 50 MW, this exit velocity must be adjusted to account for the additional volume of air flow for operation at 55 MW (55 MW correspond to operation with a heat input of 645.7 MBtu/hr with coal as the fuel for each boiler). The linearly adjusted exit velocity thus obtained is 21.41 m/sec.

- 2) The exit temperature used in the FDEP modeling was found to be appropriate for operations at 55 MW.
- 3) Adjustment to the stack exit velocity was incorporated and the ISC model was re-run for the five-year meteorology. A finer receptor grid closer to the stack with a grid spacing of 50m was also used; the purpose of this grid is to improve the capture of near wake effects due to the building. The model results indicate that the highest of the second-high impacts for each year are within the State's Ambient Air Quality Standards for all averaging times.

	ANNUAL		3-HR. HSH		24-HR. HSH	
	ISCST3	ISCPRIME	ISCST3	ISCPRIME	ISCST3	ISCPRIME
1985	9	9	806	736	101	144
1986	13	14	468	516	132	142
1987	25	25	463	599	179	182
1988	21	22	497	544	143	149
1989	11	12	466	584	150	173

Table 1

Additional comments

Although we are aware that the above analysis indicates that current emission limitations for Plant Scholz are protective of Florida's ambient air quality standards, we believe that the current version of ISCST3 with building wake effects does not reflect the state-of-the-art modeling technique for downwash and includes deficiencies in the treatment of the stack location, streamline deflection, wind angle, plume rise, atmospheric stability, etc. To quote Electric Power Research Institute (EPRI), "Plume downwash (stack-tip and building-induced) was incorporated in some EPA regulatory air quality models in 1979. Prior to adoption of the Industrial Source Complex (ISC) model, building downwash was either ignored or handled on a case-by-case basis. Little additional work has been devoted to this topic - due more to the lack of good quality data from which to derive improvements, than from satisfaction with the scientific basis of the treatment, or with the overall accuracy."

Having identified these problems, EPRI, with the participation of EPA embarked on an elaborate field and wind tunnel study to improve the understanding of the building downwash phenomenon. The outcome of this multi-year study is a model known as Plume Rise Model Enhancements (PRIME) that went through various stages of beta-testing and has just completed an independent evaluation. The results of the evaluation indicate that the model-predicted concentrations are closer to those observed in the field and wind tunnel studies. EPRI will make a presentation of this model at the EPA Region IV State/Local Modelers Workshop on Nov. 18 in Atlanta. You may visit www.epri.com/eg/PRIME for further information about the model.

A presentation of this model was made at the last EPA Regional Meteorologists' meeting and the model was received with enthusiasm. At this meeting, since Golden Valley Electric Association had approached EPA Region X expressing the desire to use the new model for a permit application, Rob Wilson, the regional meteorologist for EPA Region X, asked Mr. Joseph Tikvart of OAQPS about the model's acceptability. Mr. Tikvart, having been informed about the progress of this model development since the beginning, responded that he will be willing to consider the application of PRIME on a case-by-case basis. Recently, Golden Valley Electric Association submitted an application to EPA Region for a permit based on use of the PRIME model.

Gulf Power Company, through SCS, is one of the sponsors of the Plume Rise/Downwash project, and is pleased with the new model's ability to incorporate the latest developments in the little known science of building downwash effects. SCS has applied this model to plant Scholz by developing the building dimension inputs afresh, running through the specially-designed BPIP program, and then running ISCPRIME (the ISC version of PRIME). The results are presented along with those predicted with corrected stack velocity using ISCST3 in the following table. Attachment 2 contains the drawings and maps used to develop the 3-tired plant Scholz building dimensions for the BPIP/PRIME model.

Even though the ISCPRIME predictions are higher than ISCST3 in almost all cases, we are more comfortable with the former since they are based on a model which incorporates better science.

The inputs and outputs of the ISCST3 and ISCPRIME runs conducted at SCS are provided on the enclosed diskettes.

Stanley S. Vasa
Southern Company Services
10/24/97

ATTACHMENT 1

**TABLE I. SUMMARY OF PARTICULATE TEST RESULTS
GULF POWER COMPANY
PLANT SCHOLZ, UNIT 2, SOOT BLOWING
SNEADS, FLORIDA**

Title of Run		<u>RUN 1</u>	<u>RUN 2</u>	<u>RUN 3</u>
Date of Test	Month/Day/Year	7/15/97	7/15/97	7/15/97
Sampling Time -Start	Military	0831	1003	1200
Sampling Time -Stop	Military	0940	1110	1308
Oxygen F Factor	SDCF/MMBTU	9780	9780	9780
Plant Load	Megawatts	50	50	50
Stack Static Pressure	Inches Water	0.40	0.40	0.40
Barometric Pressure	Inches Mercury	30.16	30.16	30.16
Average Orifice Pressure (dH)	Inches Water	1.3	1.0	1.1
Meter Correction Factor		1.066	1.066	1.066
Average Meter Temperature	Degrees F	81.0	78.5	80.7
Oxygen Concentration	Percent O2	8.9	8.7	8.6
Carbon Dioxide Concentration	Percent CO2	10.0	10.0	10.0
Volume of Gas Metered	Cubic Feet	39.100	35.500	36.171
Volume of Water Collected	Milliliters	82.5	73.9	81.0
Sampling Time	Minutes	60	60	60
Nozzle Diameter	Inches	0.239	0.233	0.235
Average Stack Temperature	Deg. F	307.3	305.3	306.7
Area of Stack	Square Feet	89.3330	89.3330	89.3330
Weight of Solids Collected	Milligrams	14.3	15.1	14.5
Number of Points Sampled		30	30	30
Avg. Sqr. Root Velocity Press.	Inches Water	0.8393	0.8024	0.8223

RESULTS OF COMPUTATIONS

		<u>RUN 1</u>	<u>RUN 2</u>	<u>RUN 3</u>	<u>Average</u>
Volume of Gas Sampled	Standard Dry Cubic Feet	41.117	37.481	38.044	
Molecular Wt. of Stack Gas	LB/LB-MOLE	28.924	28.933	28.856	28.905
Water vapor in Stack Gas	Percent	8.6	8.5	9.1	8.7
Average Stack Gas Velocity	Feet per second	56.5	53.9	55.4	55.3
Stack Gas Flow Rate	Standard Dry Cubic Feet Per Minute	192.125	184.162	187.535	187.940
Stack Gas Flow Rate	Standard Wet Cubic Feet Per Minute	210.270	201.253	206.329	205.951
Stack Gas Flow Rate	Actual Cubic Feet Per Minute	302.828	289.112	296.920	296.287
Stack Gas Flow Rate	Pounds Dry Air per Hour	866.858	830.930	846.148	847.979
Particulate Concentration	Grains per Standard Dry Cubic Foot	0.005	0.006	0.006	0.006
Particulate Concentration	Grains per Actual Cubic Foot	0.003	0.004	0.004	0.004
Particulate Emission Rate	Pounds per Hour	8.8	9.8	9.4	9.3
Particulate Emission Rate	Pounds per Million Btu (O2 F Factor)	0.013	0.015	0.014	0.014
Heat Input (O2 F Factor)	Million Btu per Hour	676.75	659.52	677.10	671.12
Isokinetic Rate	Percent	102.3	102.4	100.3	

**TABLE I. SUMMARY OF PARTICULATE TEST RESULTS
GULF POWER COMPANY
PLANT SCHOLZ, UNIT 1, STEADY STATE
SNEADS, FLORIDA**

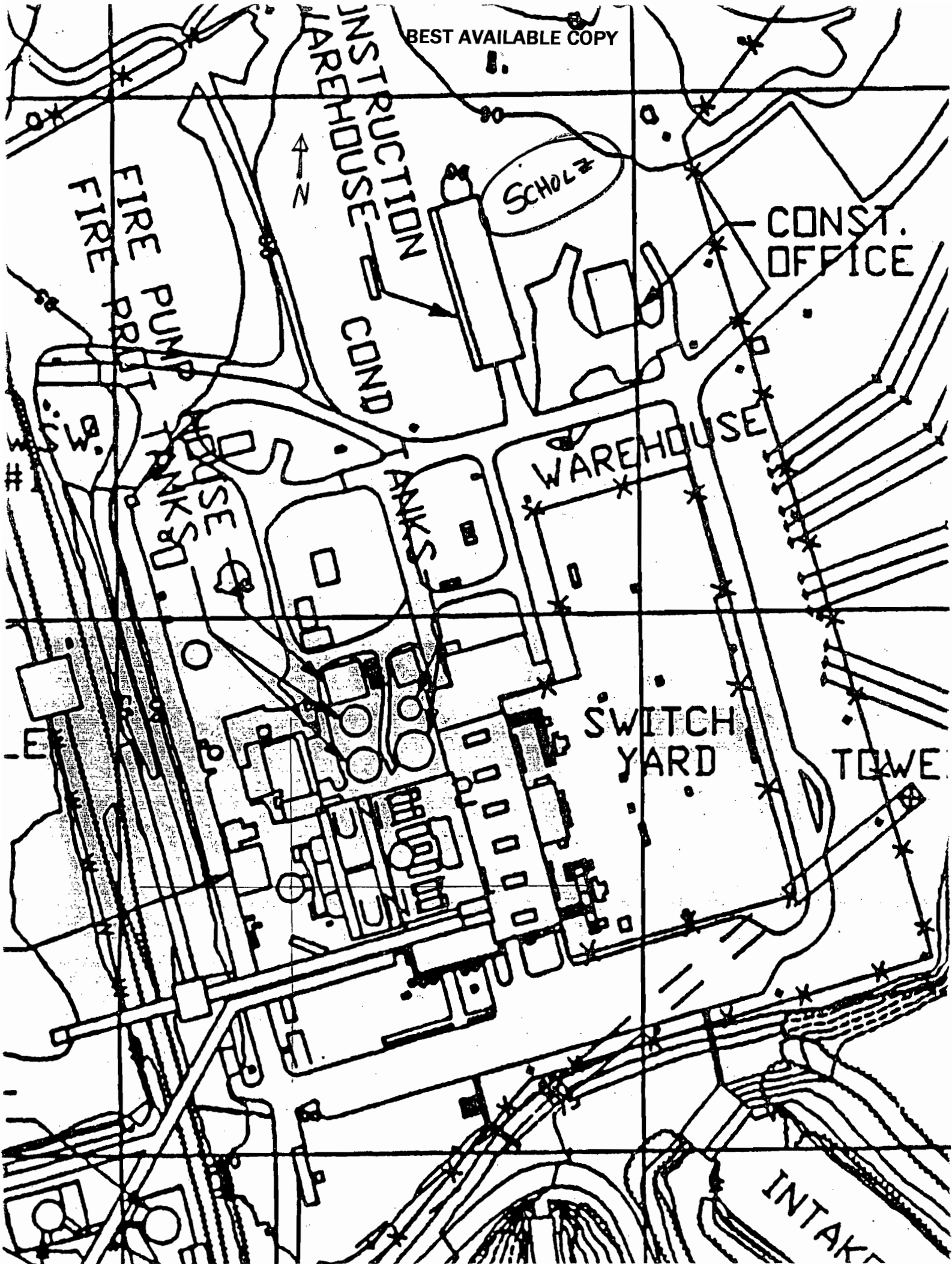
Title of Run		RUN 1	RUN 2	RUN 3
Date of Test	Month/Day/Year	7/9/97	7/9/97	7/9/97
Sampling Time -Start	Military	0657	0823	0947
Sampling Time -Stop	Military	0800	0925	1050
Oxygen F Factor	SDCF/MMBTU	9780	9780	9780
Stack Static Pressure	Inches Water	0.12	0.12	0.12
Barometric Pressure	Inches Mercury	30.18	30.18	30.18
Average Orifice Pressure (dH)	Inches Water	1.2	1.0	1.2
Meter Correction Factor		1.066	1.066	1.066
Average Meter Temperature	Degrees F	78.2	82.3	84.7
Oxygen Concentration	Percent O2	9.2	8.7	8.4
Carbon Dioxide Concentration	Percent CO2	10.5	11.0	11.5
Volume of Gas Metered	Cubic Feet	38.300	34.950	36.350
Volume of Water Collected	Milliliters	74.0	69.0	74.0
Sampling Time	Minutes	60	60	60
Nozzle Diameter	Inches	0.254	0.240	0.254
Average Stack Temperature	Deg. F	287.6	293.5	295.8
Area of Stack	Square Feet	89.3330	89.3330	89.3330
Weight of Solids Collected	Milligrams	25.7	22.7	26.4
Number of Points Sampled		30	30	30
Avg. Sqr. Root Velocity Press.	Inches Water	0.7042	0.7155	0.7038
load (mw)		50	50	50

RESULTS OF COMPUTATIONS

		RUN 1	RUN 2	RUN 3	Average
Volume of Gas Sampled	Standard Dry Cubic Feet	40.504	36.661	37.979	
Molecular Wt. of Stack Gas	LB/LB-MOLE	29.094	29.123	29.153	29.123
Water vapor in Stack Gas	Percent	7.9	8.1	8.4	8.2
Average Stack Gas Velocity	Feet per second	46.7	47.6	46.8	47.0
Stack Gas Flow Rate	Standard Dry Cubic Feet Per Minute	164.086	165.592	162.090	163.923
Stack Gas Flow Rate	Standard Wet Cubic Feet Per Minute	178.197	180.262	176.956	178.472
Stack Gas Flow Rate	Actual Cubic Feet Per Minute	250.075	254.970	251.046	252.030
Stack Gas Flow Rate	Pounds Dry Air per Hour	740.350	747.146	731.342	739.612
Particulate Concentration	Grains per Standard Dry Cubic Foot	0.010	0.010	0.011	0.010
Particulate Concentration	Grains per Actual Cubic Foot	0.006	0.006	0.007	0.007
Particulate Emission Rate	Pounds per Hour	13.7	13.5	14.9	14.1
Particulate Emission Rate	Pounds per Million Btu (O2 F Factor)	0.024	0.023	0.025	0.024
Heat Input (O2 F Factor)	Million Btu per Hour	563.54	593.02	594.75	583.77
Isokinetic Rate	Percent	104.5	105.0	99.2	

ATTACHMENT 2

BEST AVAILABLE COPY



INSTRUCTION WAREHOUSE

SCHOOL

CONST. OFFICE

FIRE PUMP

COND

WAREHOUSE

HOUSE

TANKS

SWITCH YARD

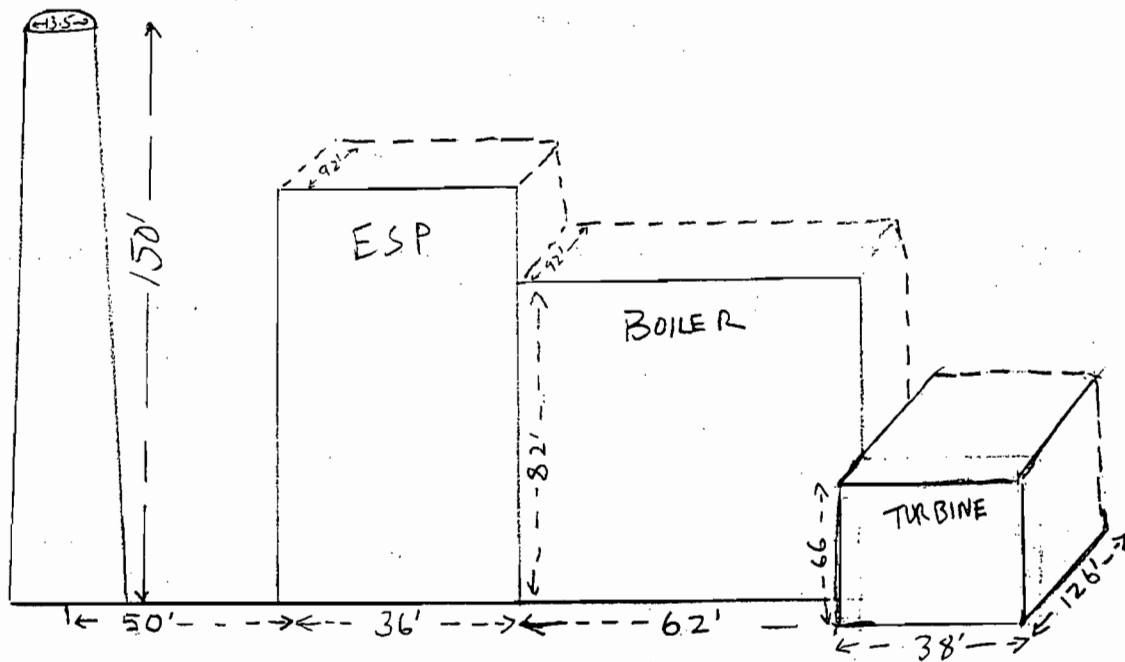
TOWER

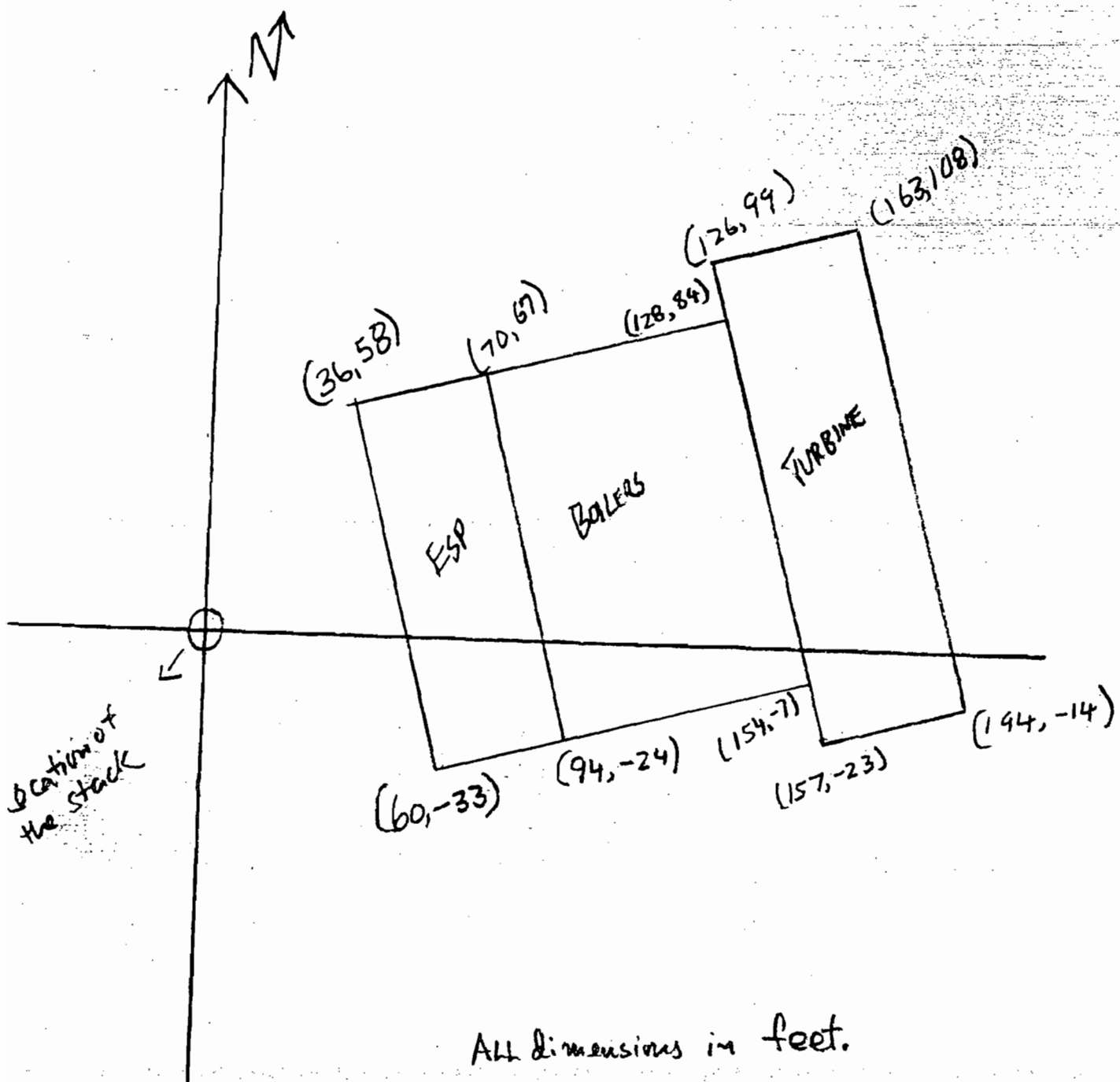
INTAKE





PLANT SCHOLZ UNITS 1A2





10/24/97



one Unit / year
 692/2/97 | 2. WK 1
 - 2nd QTR

692/1/97 | 2. WK 1

$$\frac{245,167}{22 \text{ MW}} = \frac{x}{55 \text{ MW}}$$

$$\begin{aligned}
 x &= 612,917.5 \text{ ACFM} \\
 &= 4282 \text{ FT}^3/\text{min} \\
 &= 71.4 \text{ FT}^3/\text{s}
 \end{aligned}$$

$$= 21.8 \text{ m/s}$$

119,448.9784 Unit 1

125,719.3504 Unit 2

$$\frac{245,167}{1} \rightarrow 22 \text{ MW}$$

+ 10%

$$269,684 \frac{\text{CF}}{\text{min}} \div 14314 \text{ FT}^2 = 1884.1 \frac{\text{F}}{\text{min}}$$

$$= 31.4 \frac{\text{FT}}{\text{SEC}}$$

$$\Rightarrow 9.57 \text{ m/s}$$

FTX, 3048 = meters



Scholz Δ

2

95 - SS	49.7	$\frac{FT}{Sec}$	$5.1 \frac{m}{s}$	54.4	$16.6 \frac{m}{s}$
Soat Bl	49.2		(16.6)	53.8	(18.26)
	266,391	ACSM			
96 - SS	43.7		$13.3 \frac{m}{s}$	49.7	$15.1 \frac{m}{s}$
S.B.	42.9		(14.6)	49.3	(16.6)

97 SS	47.0	$14.3 \frac{m}{s}$	(15.7)	54.0	$16.5 \frac{m}{s}$
				+10%	(16.1)
S.B.	45.4			55.3	

Orbit diameter = 13.5 FT = 4.11 m Diameter

$$A = \frac{\pi}{4} D^2 = \frac{\pi}{4} (13.5)^2 = 143.14 \text{ FT}^2$$

Flow 16.6 m/s Not 21.41

GULF POWER COMPANY
ONE ENERGY PLACE
PENSACOLA, FLORIDA 32520-0328

To: Jonathan Holton

Company: FDER

Phone: (904) 921-9531

Fax: (904) 922-6979

From: Dwain Waters

Company: Gulf Power Company
One Energy Place
Pensacola, Florida 32520-0328

Phone: 850.444.6527

Fax: 850.444.6217

Date: Oct 24

Pages including this cover page: 4

Comments:

Southern Scholz Model results. Please start your review. HAVE close call stem vasa on detail questions.

Please note that we have a new address and a new area code (see above). Appreciate you updating your address list concerning our company.

Air Quality Modeling Analyses for Plant Scholz

On behalf of Gulf Power Company, Southern Company Services (SCS) has reviewed the air quality modeling analysis conducted by FDEP to estimate SO₂ impacts due to the operation of Plant Scholz. This letter summarizes the results of that review and recommends 1) the use of corrections to the stack input data and 2) that the use of a more technically superior downwash model be considered for estimating the SO₂ impacts due to Plant Scholz in accordance with the case-by-case basis provisions outlined in the Federal Register notice of March 1980 (45 FR 20157). Our comments and the results of our re-analyses follow:

- 1) The stack exit velocity used in the FDEP analysis does not represent the total actual volumetric flow rate from both boilers. Recent stack test data indicate an average flow rate of 252,030 ACFM for Unit 1 and 296,287 ACFM for Unit 2, for a total stack flow rate of 548,317 ACFM (see Attachment 1). This flow rate corresponds to an exit velocity of 19.46 m/sec for the stack diameter of 4.11 m.

Since these stack tests were conducted when each boiler was operating at 50 MW, this exit velocity must be adjusted to account for the additional volume of air flow for operation at 55 MW (55 MW correspond to operation with a heat input of 645.7 MBtu/hr with coal as the fuel for each boiler). The linearly adjusted exit velocity thus obtained is 21.41 m/sec.

- 2) The exit temperature used in the FDEP modeling was found to be appropriate for operations at 55 MW.
- 3) Adjustment to the stack exit velocity was incorporated and the ISC model was re-run for the five-year meteorology. A finer receptor grid closer to the stack with a grid spacing of 50m was also used; the purpose of this grid is to improve the capture of near wake effects due to the building. The model results indicate that the highest of the second-high impacts for each year are within the State's Ambient Air Quality Standards for all averaging times.

	ANNUAL		3-HR. HSH		24-HR. HSH	
	ISCST3	ISCPRIIME	ISCST3	ISCPRIIME	ISCST3	ISCPRIIME
1985	9	9	806	736	101	144
1986	13	14	468	516	132	142
1987	25	25	463	599	179	182
1988	21	22	497	544	143	149
1989	11	12	466	584	150	173

Table 1

Additional comments

Although we are aware that the above analysis indicates that current emission limitations for Plant Scholz are protective of Florida's ambient air quality standards, we believe that the current version of ISCST3 with building wake effects does not reflect the state-of-the-art modeling technique for downwash and includes deficiencies in the treatment of the stack location, streamline deflection, wind angle, plume rise, atmospheric stability, etc. To quote Electric Power Research Institute (EPRI), "Plume downwash (stack-tip and building-induced) was incorporated in some EPA regulatory air quality models in 1979. Prior to adoption of the Industrial Source Complex (ISC) model, building downwash was either ignored or handled on a case-by-case basis. Little additional work has been devoted to this topic - due more to the lack of good quality data from which to derive improvements, than from satisfaction with the scientific basis of the treatment, or with the overall accuracy."

Having identified these problems, EPRI, with the participation of EPA embarked on an elaborate field and wind tunnel study to improve the understanding of the building downwash phenomenon. The outcome of this multi-year study is a model known as Plume Rise Model Enhancements (PRIME) that went through various stages of beta-testing and has just completed an independent evaluation. The results of the evaluation indicate that the model-predicted concentrations are closer to those observed in the field and wind tunnel studies. EPRI will make a presentation of this model at the EPA Region IV State/Local Modelers Workshop on Nov. 18 in Atlanta. You may visit www.epri.com/eg/PRIME for further information about the model.

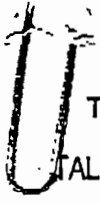
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Gulf Power Company, through SCS, is one of the sponsors of the Plume Rise/Downwash project, and is pleased with the new model's ability to incorporate the latest developments in the little known science of building downwash effects. SCS has applied this model to plant Scholz by developing the building dimension inputs afresh, running through the specially-designed BPIP program, and then running ISCPRIME (the ISC version of PRIME). The results are presented along with those predicted with corrected stack velocity using ISCST3 in the following table. Attachment 2 contains the drawings and maps used to develop the 3-tired plant Scholz building dimensions for the BPIP/PRIME model.

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Stanley S. Vasa
Southern Company Services
10/24/97



TALLAHASSEE DEMOCRAT
PUBLISHED DAILY
TALLAHASSEE - LEON - FLORIDA

STATE OF FLORIDA COUNTY OF LEON:
Before the undersigned authority personally
appeared Lalaena Gonzalez who on oath
says
that she is Legal Advertising Representative
of the Tallahassee Democrat, a daily
newspaper published at Tallahassee in Leon
County, Florida; that the attached copy of
advertising being a Legal Ad in the matter of

PUBLIC NOTICE OF INTENT...

in the Second Judicial Circuit Court was
published in said newspaper in the issues of:

OCTOBER 4, 1997

Affiant further says that the said Tallahassee
Democrat is a newspaper published at
Tallahassee, in the said Leon County, Florida,
and that the said newspaper has heretofore
been continuously published in said Leon
County, Florida, each day and has been
entered as second class mail matter at the
post office in Tallahassee, in said Leon
County, Florida, for a period of one year next
preceding the first publication of the attached
copy of advertisement; and affiant further says
that she has neither paid nor promised any
person, firm or corporation any discount,
rebate, commission or refund for the purpose
of securing this publication in the said
newspaper.

Lalaena Gonzalez
LALAENA GONZALEZ
LEGAL ADVERTISING REPRESENTATIVE

Sworn To And Subscribed Before Me 7

Day of *October*

A.D. 1997

Lee Pierce
Notary Public



PUBLIC NOTICE OF INTENT TO ISSUE TITLE
V AIR OPERATION PERMIT

STATE OF FLORIDA
DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Title V DRAFT Permit No.: 0630014-001-AV
Scholz Electric Generating Plant
Jackson County

The Department of Environmental Protection
(permitting authority) gives notice of its intent to
issue a Title V air operation permit to Gulf Power
Company for the Scholz Electric Generating
Plant located at 1460 Gulf Power Road, 2.2 miles
south of US 90, Jackson County. The applicant's
name and address are: Gulf Power Company, One
Energy Place, Pensacola, Florida 32520.

The permitting authority will issue the Title V
PROPOSED Permit, and subsequent Title V
FINAL Permit, in accordance with the conditions
of the Title V DRAFT Permit unless a response
received in accordance with the following
procedures results in a different decision or
significant change of terms or conditions.

The permitting authority will accept written
comments concerning the proposed Title V
DRAFT Permit issuance action for a period of 30
(thirty) days from the date of publication of this
Notice. Written comments should be provided to
the Department's Bureau of Air Regulation, 2600
Blair Stone Road, Mail Station #5505,
Tallahassee, Florida 32399-2400. Any written
comments filed shall be made available for public
inspection. If written comments received result in
a significant change in this DRAFT Permit, the
permitting authority shall issue a Revised
DRAFT Permit and require, if applicable,
another Public Notice.

The permitting authority will issue the permit
with the attached conditions unless a timely
petition for an administrative hearing is filed
pursuant to Sections 120.569 and 120.57, F.S.
Mediation under Section 120.573, F.S., will not
be available for this proposed action.

A person whose substantial interests are
affected by the proposed permitting decision may
petition for an administrative hearing in
accordance with Sections 120.569 and 120.57,
F.S. The petition must contain the information
set forth below and must be filed (received) in the
Office of General Counsel of the Department of
Environmental Protection, 3900 Commonwealth
Boulevard, Mail Station #35, Tallahassee,
Florida 32389-3000 (telephone 850/488-3730;
Fax 850/487-4938). Petitions must be filed
within 14 (fourteen) days of publication of the
public notice or within 14 (fourteen) days of
receipt of the notice of intent, whichever occurs

Table with multiple columns and rows of text, likely a list of names or addresses, but the text is too small and blurry to transcribe accurately.

Jonathan Holloway

THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

In the Matter of an
Application for Permit by:

OGC No. _____

Gulf Power Company
One Energy Place
Pensacola, FL 32520

DRAFT Permit No.: 0630014-001-AV
Scholz Plant
Jackson County

REQUEST FOR EXTENSION OF TIME

By and through undersigned counsel, Gulf Power Company (Gulf) hereby requests, pursuant to Florida Administrative Code Rules 28-106.111(3) and 62-103.050(1), an extension of time, to and including October 31, 1997, in which to file a Petition for Administrative Proceedings in the above-styled matter. As good cause for granting this request, Gulf states the following:

1. On or about October 6, 1997, Gulf received from the Department of Environmental Protection (Department) an "Intent to Issue Title V Air Operation Permit" (Permit No. 0630014-001-AV) for the Scholz Plant located in Escambia County, Florida. Along with the Intent to Issue, Gulf received a draft Title V permit and "Public Notice of Intent to Issue Title V Air Operation Permit."

2. Based on Gulf's review, the draft permit and associated documents contain several provisions that warrant clarification or correction.

3. Representatives of Gulf intend to correspond with staff of the Department's Bureau of Air Regulation in the near future in an effort to resolve all issues.

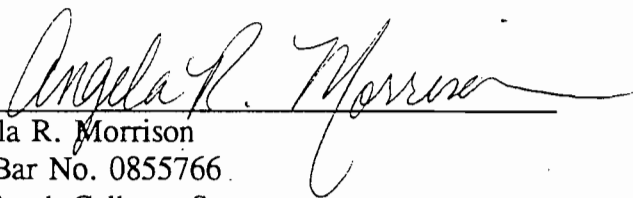
4. This request is filed simply as a protective measure to avoid waiver of Gulf's right to challenge certain conditions contained in the draft Title V permit. Grant of this request will not prejudice either party, but will further their mutual interest and likely avoid the need to file a petition and proceed to a formal administrative hearing.

5. Jonathan Holtom with the Bureau of Air Regulation has agreed to an extension until October 31, 1997, on behalf of the Department. Counsel for Gulf has contacted Jeffrey Brown with the Office of General Counsel regarding this request, and he has no objection.

WHEREFORE, Gulf respectfully requests that the time for filing of a Petition for Administrative Proceedings in regard to the Department's Intent to Issue Title V Air Operation Permit for Permit No. 0630014-001-AV be formally extended to and including October 31, 1997.

Respectfully submitted this 17th day of October, 1997.

HOPPING GREEN SAMS & SMITH, P.A.



Angela R. Morrison
Fla. Bar No. 0855766
123 South Calhoun Street
Post Office Box 6526
Tallahassee, FL 32314
(904) 222-7500

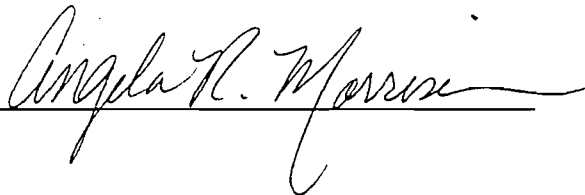
Attorney for GULF POWER COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a copy of the foregoing has been furnished to the following
by U.S. Mail on this 17th day of October, 1997:

Clair H. Fancy, P.E.
Chief
Bureau of Air Regulation
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600

Jeffrey Brown
Office of General Counsel
Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2600



100341

Date: 10/6/97 4:25:13 PM
From: Elizabeth Walker TAL
Subject: New posting

There is a new posting available on the Florida Website.

Gulf Power - Scholz 0630014 Draft

The notification letter is encoded and attached. If you have any questions, please let me know.

Thanks,
Elizabeth

One Energy Plaza
Pensacola, Florida 32520

Tel 850.444.6000

Jonathan Cotton

October 3, 1997



Mr. Scott M. Sheplak
Florida Department of Environmental Protection
Division of Air Resources Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Sheplak:

Re: GULF POWER COMPANY ACID RAIN PHASE II APPLICATION REVISION
PLANT CRIST, PLANT SCHOLZ, PLANT LANSING SMITH

Gulf Power Company hereby requests a revision of our active Acid Rain Phase II and Title V permit applications on file with the Florida Department of Environmental Protection. Our request is pursuant to a change of the "Designated Representative" for Gulf Power under the Acid Rain Program. These revisions (3) were submitted to the Environmental Protection Agency on April 3, 1997 as required under 40 CFR 72.24 of the Clean Air Act Amendments of 1990. Copies are attached for your review. Please update Gulf Power's active Acid Rain Phase II and Title V permit applications for Plant Crist, Plant Scholz and Plant Lansing Smith regarding this change.

If you have questions or need further information regarding the Designated Representative under the Acid Rain Program, please call me at (904) 444-6527.

Sincerely,

G. Dwain Waters
Air Quality Programs Coordinator, QEP

Attachments (3)
See Distribution Sheet

RECEIVED

OCT 06 1997

BUREAU OF
AIR REGULATION

Mr. Scott M. Sheplak
April 7, 1997
Page 2

DISTRIBUTION SHEET

cc w/oatt: J. O. Vick, Gulf Power Company
J. M. Dominey, Gulf Power Company
S. H. Houston, Gulf Power Company
K. Peacock, Gulf Power Company



Certificate of Representation

For more information, see instructions and refer to 40 CFR 72.24

This submission is: New Revised

This submission includes combustion or process sources under 40 CFR part 74

STEP 1
Identify the source by plant name, State, and, if applicable, ORIS code from NADB.

Scholz Electric Generating Plant Plant Name	FL State	642 ORIS Code
---	--------------------	-------------------------

STEP 2
Enter requested information for the designated representative.

Name Robert G. Moore	
Address One Energy Place Pensacola, Florida 32520-0100	
Phone Number (850) 444-6383	Fax Number (850) 444-6744

STEP 3
Enter requested information for the alternate designated representative, if applicable.

Name	
Address	
Phone Number	Fax Number

STEP 4
Complete Step 5, read the certifications, and sign and date. For a designated representative of a combustion or process source under 40 CFR part 74, the references in the certifications to "affected unit" or "affected units" also apply to the combustion or process source under 40 CFR part 74 and the references to "affected source" also apply to the source at which the combustion or process source is located.

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the designated representative or alternate designated representative, as applicable, for the affected source and each affected unit at the source identified in this certificate of representation, daily for a period of one week in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Where there are multiple holders of a legal or equitable title to, or a leasehold interest in, an affected unit, or where a utility or industrial customer purchases power from an affected unit under life-of-the-unit, firm power contractual arrangements, I certify that:

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and

Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, leasehold, or contractual reservation or entitlement or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

Scholz Electric Generating Plant
Plant Name (from Step 1)

The agreement by which I was selected as the alternate designated representative, if applicable, includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

<i>Paul G. Moore</i> Signature (designated representative)	10/1/97 Date
Signature (alternate designated representative)	Date

STEP 5
Provide the name of every owner and operator of the source and each affected unit (or combustion or process source) at the source. Identify the units they own and/or operate by boiler ID# from NADB, if applicable. For owners only, identify each state or local utility regulatory authority with ratemaking jurisdiction over each owner, if applicable.

Name Scholz Electric Generating Plant					<input type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
ID# 1	ID# 2	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities Florida Public Service Commission						

Name					<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities						

Name					<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities						

Name					<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities						

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599-2210

www.tdo.com/classifieds

Your Advertising Marketplace

information

Double Dozen - Our Best Value (Get 12 free days with your 12 paid day ad) (private party only, not including real estate, food products, employment, commercial equipment, pets or livestock) 4 line minimum. Some restrictions apply.

Inflation Fighter 25¢ per line per day (4, 7, or 10 day schedule) private party, does not apply to real estate, food products or employment. 4 line minimum (prepay). Some restrictions apply.

Service Guide 50¢ per line per day 30 day minimum. 4 line minimum (prepay). Some restrictions apply.

Garage Sale - with ad placement **FREE** Garage Sale signs. Run the next weekend **FREE** signs ad if raised out. (prepay) Other restrictions apply.

We will handle confidential written replies to your advertisement. Inquire about our **Blind Box Service** which is only \$35 per ad schedule.

Local Commercial Open Rates	
Sunday Only	\$1.50
Sunday Help Wanted	2.10
1-3x	1.72
4x	7x
1-3x	1.32
4x	1.20

Advertisements on the property of the Tallahassee Democrat, hereafter referred to as "the paper," and its advertisements and subject to contracts between them. The classified listings and individual advertisements are subject to the copyright in this edition of the paper owned by the paper and/or to copyright interests owned by the advertiser and/or the paper. Reproduction, display, transmission or distribution of the contents of individual advertisements in any form without express permission of the Tallahassee Democrat and its advertisers is prohibited.

Cancellations
When cancelling an in-column ad, the advertiser will be given a notification section as a verbal receipt. All matters concerning this cancellation will be settled on the basis of the advertiser submitting the number for verification. After an advertiser ad is canceled, it cannot be collected or changed prior to the first publication.

Errors & Adjustments
Advertising submitted by the advertiser is the advertiser's responsibility. Upon the completion of the read-back procedure, the newspaper will assume its copy is correct unless otherwise informed. Advertisers are requested to check their advertisement on the usual location for correctness and report any error immediately. The advertiser will be notified of any error. Additional adjustments will be based on the Publisher's opinion, on the value lost from the error. No adjustment will be considered if not reported by the first day of insertion.

In-Column NEW ADS		Deadline	
Monday	3 pm Friday	Monday	3 pm Friday
Tuesday - Friday	3 pm Previous Day	Tuesday	3 pm Friday
Saturday	1 pm Friday	Wednesday	3 pm Friday
Friday Automotive	1:00 pm Thursday	Thursday	3 pm Friday
Sunday and Future copy	3 pm Friday	Friday	3 pm Friday

In-Column Cancellation & Corrections		Deadline	
Monday	3 pm Friday	Monday	3 pm Friday
Tuesday - Friday	3 pm Previous Day	Tuesday	3 pm Friday
Saturday	1 pm Friday	Wednesday	3 pm Friday
Friday Automotive	1:00 pm Thursday	Thursday	3 pm Friday
Sunday and Future copy	3 pm Friday	Friday	3 pm Friday

Legal Notices		Deadline	
Monday	Noon Thursday	Monday	Noon Thursday
Tuesday	3 pm Thursday	Tuesday	Noon Thursday

Classified Display Advertising		Deadline	
Monday	Noon Thursday	Monday	Noon Thursday
Tuesday	Noon Thursday	Tuesday	Noon Thursday
Wednesday	Noon Friday	Wednesday	Noon Friday
Thursday	Noon Monday	Thursday	Noon Monday
Friday	Noon Tuesday	Friday	Noon Tuesday
Saturday	3 pm Wednesday	Saturday	Noon Tuesday
Sunday	5 pm Wednesday	Sunday	Noon Wednesday

Classified Display Advertising		Deadline	
Monday	Noon Thursday	Monday	Noon Thursday
Tuesday	Noon Thursday	Tuesday	Noon Thursday
Wednesday	Noon Friday	Wednesday	Noon Friday
Thursday	Noon Monday	Thursday	Noon Monday
Friday	Noon Tuesday	Friday	Noon Tuesday
Saturday	3 pm Wednesday	Saturday	Noon Tuesday
Sunday	5 pm Wednesday	Sunday	Noon Wednesday

NOTICES	ANNOUNCEMENTS	MOBILE HOMES	FINANCIAL/BUSINESS OPPORTUNITIES	MARINE/AVIATION
1100 - 1595	3500 - 3700	5510 - 5590	8050 - 8550	
EMPLOYMENT	COMMERCIAL PROPERTY	PETS & ANIMALS	TRANSPORTATION	
2010 - 2630	3800 - 3900	6550 - 6800*	9001 - 9963	
REAL ESTATE - FOR RENT	REAL ESTATE - FOR SALE	MERCHANDISE		
3010 - 3450	4010 - 4700	7010 - 7735		

Advertisements are the property of the Tallahassee Democrat, hereafter referred to as "the paper," and its advertisements and subject to contracts between them. The classified listings and individual advertisements are subject to the copyright in this edition of the paper owned by the paper and/or to copyright interests owned by the advertiser and/or the paper. Reproduction, display, transmission or distribution of the contents of individual advertisements in any form without express permission of the Tallahassee Democrat and its advertisers is prohibited.

LEGAL NOTICES

NOTICE TO BIDDERS

Sealed bids for furnishing all labor and material and performing all work necessary and incidental to the completion of the following bid packages:

Bid Package #	Title
19	Carpet/VCT/Base
20	Fencing

For the Leon County Elementary School "T" will be received by Ajax Building Corporation in their office at 251 East Harrison Street, Tallahassee, Florida 32301 for Bid Packages #19 and 20 until 2:00PM on October 14, 1997.

Each bid must be accompanied by a Bid Bond on the form enclosed in this package, certified check or cashier's check in an amount no less than five percent of the total amount of the base bid as a guarantee that the bidder will, if awarded the contract, enter into a written contract, satisfactory in form, containing a penalty clause and requiring worker's compensation and public liability insurance and approval subcontractor by Ajax Building Corporation and will give a Performance and Payment Bond or Personal Guarantee and 30% Irrevocable Letter of Credit on the forms enclosed in the bid package to Ajax Building Corporation in the full amount of the contract price within seven (7) days after acceptance. Minority Business Enterprise participation will be a requirement of each bid package.

Contract documents, as defined in Subcontract Agreement form, may be examined at the office of Ajax Building Corporation, 251 East Harrison Street, Tallahassee, Florida 32301.

Interested bidders may obtain prequalification forms by contacting Ajax Building Corporation's Tallahassee office at (850) 27-4371. Only bidders meeting prequalification criteria may bid. Bidders must submit a completed experience questionnaire and financial statement of the firm entitled "Experience Questionnaire and Contractors Financial Statement Form" incorporated hereinafter by reference. The subcontractors financial condition must demonstrate that adequate fixed and liquid assets, manpower and equipment are available to properly perform the Subcontract.

Prequalified bidders can obtain contract documents from Ajax Building Corporation at 251 East Harrison Street, Tallahassee, Florida 32301.

A set of documents may be obtained by providing a refundable deposit (conditional in the amount of \$100.00. Costs for postage shall be separate and non-refundable. Additional sets may be purchased for the cost of reproduction and handling. Checks for refundable deposits may be separate from purchased sets and postage. All checks shall be made payable to Ajax Building Corporation. No bid documents will be distributed within seven (7) days of date of bid receipt.

No bids may be withdrawn after the scheduled closing time for receipt of same for a period of sixty (60) days.

Proposals shall be sealed and plainly marked, and include the name of the project, bid package number, name and address of bidder, time and date due.

THE CONSTRUCTION MANAGER RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS RECEIVED AND TO WAIVE ANY AND ALL INFORMALITIES OR IRREGULARITIES IN REGARD THERE TO.

Pre-Bid Conference will be held at the Ajax Building Corporation's main office at 251 East Harrison Street, Tallahassee, FL 32301, at 1:00 P.M. on October 7, 1997 for Bid Packages #19 and 20.

SEPTEMBER 27, OCTOBER 4, 1997

LEGAL NOTICES

IN THE CIRCUIT COURT OF THE 11TH JUDICIAL CIRCUIT IN AND FOR LEON COUNTY, FLORIDA.

YOU ARE HEREBY NOTIFIED that an action for adoption has been filed against you and you are required to serve a copy of your written defenses, if any, to it on Lee Roy and Dorcas Banks, Petitioners, whose address is P.O. Box 1955, Monticello, Florida 32345, on or before October 22, 1997, and file the original with the clerk of this court before service on Petitioner or immediately thereafter. If you fail to do so, a default will be entered against you for the relief demanded in the petition.

WITNESS my hand and the seal of this court on September 3, 1997.

CLERK OF THE COURT
Dave Lang, Clerk
Circuit Court
(court seal)
-s- Danielle Shuford
Deputy Clerk

WITNESS my hand and the seal of this court on September 3, 1997.

BY ORDER OF THE BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA.

SEPTEMBER 13, 14, 20, 21, 27, 28, OCTOBER 4, 1997.

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Title V DRAFT Permit No. 0630014-001-AV
Scholz Electric Generating Plant
Jackson County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V Air Operation permit to Gulf Power Company for the Scholz Electric Generating Plant located at 1410 Gulf Power Road, 2.2 miles south of US 90, Jackson County. The applicant's name and address are: Gulf Power Company, One Energy Place, Pensacola, Florida 32520.

The permitting authority will issue the Title V DRAFT Permit, and subsequent Title V FINAL Permit, in accordance with the conditions of the Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision of significant change of permit conditions.

The permitting authority will accept written comments concerning the proposed Title V DRAFT Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit, if required, if applicable, another Public Notice.

The permitting authority will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.561 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3090 (Telephone: 850/488-5730; Fax: 850/487-4938). Petitions must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of the notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information:
(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number, and the county in which the project is proposed;
(b) A statement of how and when each petitioner received notice of the permitting authority's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the permitting authority's action or proposed action;

(d) A statement of the material facts disputed by the petitioner, if any;
(e) A statement of the facts that the petitioner contends warrant reversal or modification of the permitting authority's action or proposed action.

Because the administrative hearing process is assigned to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 761d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at 401 M. Street, SW, Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays.

Permitting Authority:
Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 850/268-1544
Fax: 850/923-6767

Affected District/Local Program:
Department of Environmental Protection
Northwest District Office
16th Governmental Center
Pensacola, Florida 32501-3794
Telephone: 850/444-0306
Fax: 850/444-6417

Department of Environmental Protection
Northwest District Branch Office
2353 J. Parks Avenue
Panama City, Florida 32405
Telephone: 850/872-4375
Fax: 850/872-7790

The complete project file includes the DRAFT Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 406.21, F.S. Interested persons may contact Scott W. Shepley, P.E., at the above address, or call 850/488-1344, for additional information.

OCTOBER 4, 1997

Going on vacation?

Donate your paper to the kids!

Here's a great way you can support local students while you're out of town. Before you leave, call our Customer Service Department, to donate your paper to Newspaper in Education. We have a waiting list of classrooms who want to learn through the newspaper. We'll make sure your vacation donation is put to good use! Call today!

TALLAHASSEE DEMOCRAT

To Donate Your Paper Call
1-800-999-2271

OCTOBER 4, 1997

FAX



To <u>Jonathan Halton</u>	Date <u>8-1-97</u>
<u>DEP - ARM</u>	From <u>Dwain Waters</u>
<u>Title V</u>	
Telephone <u>(850) 488-1344</u>	Telephone <u>(850) 444-6527</u>
Fax Phone <u>(850) 922-6979</u>	Fax Phone <u>(850) 444-6217</u>
CC	Number of pages including cover sheet <u>12</u>

REMARKS Urgent Reply ASAP For your review Please comment

Per our conversation regarding tanks at Plant Scholz, please find attached summary. If you have any questions or need more information, please call me at (850) 444-6527 or Email at glenn.d.waters@gulf.com

Gulf Power Plant Scholz Tank Emission Summary

P.02/12

State Registration #	Contents	Size (gallons)	Turnovers	Emissions (pounds)	Comments
1	#2 diesel - fuel oil	15,000	50	26	(No drawings or dimensions - using CR-01)
2	#2 diesel - fuel oil	200,000	40	249	
3	#2 diesel - fuel oil	150,000	40	184	
	TOTAL	365,000		459	

notes:

Only State-registered tanks listed (contents > 550 gallons and outdoor location)

Oil and Acid tanks listed, no Caustic tanks

TANKS3.0 used for calculations

A 1/2 max level used for average liquid height.

#2 diesel fuel utilized in TANKS3.0 program to estimate lube, used and waste oil emissions

AUG-01-1997 09:03

08/01/97

P. 03/12

TANKS PROGRAM 3.0
EMISSIONS REPORT - SUMMARY FORMAT
TANK IDENTIFICATION AND PHYSICAL CHARACTERISTICS

08/01/97
PAGE 1

Identification
Identification No.: SC-02
City: Sneads
State: FL
Company: D-7012
Type of Tank: Vertical Fixed Roof

Dimensions
Shell Height (ft): 31.0
Diameter (ft): 33.5
Liquid Height (ft): 31.0
Avg. Liquid Height (ft): 15.5
Volume (gallons): 200000
Turnovers: 40.0
Net Throughput (gal/yr): 8000000

Paint Characteristics
Shell Color/Shade: White/White
Shell Condition: Good
Roof Color/Shade: White/White
Roof Condition: Good

Roof Characteristics
Type: Cone
Height (ft): 0.00
Radius (ft) (Dome Roof): 0.00
Slope (ft/ft) (Cone Roof): 0.2000

Weather Vent Settings
Vacuum Setting (psig): 0.00
Pressure Setting (psig): 0.00

Weatherological Data Used in Emission Calculations: Tallahassee, Florida (Avg Atmospheric Pressure = 14.7 psia)

AUG-01-1997 09:03

TANKS PROGRAM 3.0
 EMISSIONS REPORT - SUMMARY FORMAT
 LIQUID CONTENTS OF STORAGE TANK

ture/Component	Month	Daily Liquid Surf. Temperatures (deg F)			Liquid Bulk Temp. Vapor Pressures (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight Calculations	Basis for Vapor Pressure
		Avg.	Min.	Max.	(deg F)	Avg.	Min.					
illate fuel oil no. 2	All	69.14	63.29	74.99	67.22	0.0087	0.0072	0.0105	130.000			130.00 Option 3: A=12.1010, B=8907.0

TANKS PROGRAM 3.0
EMISSIONS REPORT - SUMMARY FORMAT
INDIVIDUAL TANK EMISSION TOTALS08/01/97
PAGE 3

1 Emissions Report

id Contents	Losses (lbs.):		Total
	Standing	Working	
illate fuel oil no. 2	47.07	201.44	248.51
1:	47.07	201.44	248.51

TANKS PROGRAM 3.0
 EMISSIONS REPORT - SUMMARY FORMAT
 TANK IDENTIFICATION AND PHYSICAL CHARACTERISTICS

08/01/97
 PAGE 4

Identification
 Identification No.: SC-03
 Location: Sneads
 State: FL
 Company: D-7012
 Type of Tank: Vertical Fixed Roof

Dimensions
 Shell Height (ft): 31.5
 Diameter (ft): 28.5
 Liquid Height (ft): 31.5
 Avg. Liquid Height (ft): 15.7
 Volume (gallons): 150000
 Turnovers: 40.0
 Wet Throughput (gal/yr): 6000000

Roof Characteristics
 Shell Color/Shade: White/White
 Shell Condition: Good
 Roof Color/Shade: White/White
 Roof Condition: Good

Roof Characteristics
 Type: Cone
 Height (ft): 0.00
 Radius (ft) (Dome Roof): 0.00
 Slope (ft/ft) (Cone Roof): 0.2500

Other Vent Settings
 Vacuum Setting (psig): 0.00
 Pressure Setting (psig): 0.00

Geological Data Used in Emission Calculations: Tallahassee, Florida

(Avg Atmospheric Pressure = 14.7 psia)

TANKS PROGRAM 3.0
 EMISSIONS REPORT - SUMMARY FORMAT
 LIQUID CONTENTS OF STORAGE TANK

Name/Component	Month	Daily Liquid Surf. Temperatures (deg F)			Liquid Bulk Temp. Vapor Pressures (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight Calculations	Basis for Vapor Pressure
		Avg.	Min.	Max.	(deg F)	Avg.	Min.					
distillate fuel oil no. 2	All	69.14	63.29	74.99	67.22	0.0087	0.0072	0.0195	130.000			130.00 Option 3: A=12.1012, B=8907.0

P.08/12

TANKS PROGRAM 3.0
EMISSIONS REPORT - SUMMARY FORMAT
INDIVIDUAL TANK EMISSION TOTALS

08/01/97
PAGE 6

Final Emissions Report

Liquid Contents	Losses (lbs.):		Total
	Standing	Working	
----- stillate fuel oil no. 2	34.83	148.67	183.50
total:	34.83	148.67	183.50

AUG-01-1997 09:05

TANKS PROGRAM 3.0
EMISSIONS REPORT - SUMMARY FORMAT
TANK IDENTIFICATION AND PHYSICAL CHARACTERISTICS

08/01/97
PAGE 7

P.09/12

Identification

Identification No.: CR-01
City: Pensacola
State: FL
Company: A-30598
Type of Tank: Vertical Fixed Roof

Tank Dimensions

Shell Height (ft): 18.0
Diameter (ft): 14.0
Liquid Height (ft): 18.0
Avg. Liquid Height (ft): 9.0
Volume (gallons): 22000
Turnovers: 50.0
Net Throughput (gal/yr): 1000000

Shell Characteristics

Shell Color/Shade: White/White
Shell Condition: Good
Roof Color/Shade: White/White
Roof Condition: Good

Roof Characteristics

Type: Cone
Height (ft): 2.00
Radius (ft) (Dome Roof): 0.00
Slope (ft/ft) (Cone Roof): 0.2857

Weather Vent Settings

Vacuum Setting (psig): 0.00
Pressure Setting (psig): 0.00

Weatherological Data Used in Emission Calculations: Pensacola, Florida

(Avg Atmospheric Pressure = 14.7 psia)

AUG-01-1997 09:05

P.10/12

TANKS PROGRAM 3.0
 EMISSIONS REPORT - SUMMARY FORMAT
 LIQUID CONTENTS OF STORAGE TANK

08/01/97
 PAGE 8

Structure/Component	Month	Daily Liquid Surf. Temperatures (deg F)			Liquid Bulk Temp. Vapor Pressures (psia)			Vapor Mol. Weight	Liquid Mass Fract.	Vapor Mass Fract.	Mol. Weight	Basis for Vapor Pressure Calculations
		Avg.	Min.	Max.	(deg F)	Avg.	Min.					
Stillate fuel oil no. 2	All	69.87	65.04	74.70	68.52	0.3089	0.0376	0.3104	130.003			130.00 Option 3: A=12.1013, B=9907.3

AUG-01-1997 09:05

P.11/12

TANKS PROGRAM 3.0
EMISSIONS REPORT - SUMMARY FORMAT
INDIVIDUAL TANK EMISSION TOTALS

08/01/97
PAGE 9

Annual Emissions Report

Liquid Contents	Losses (lbs.):		Total
	Standing	Working	
Distillate fuel oil no. 2	4.05	21.78	25.83
Total:	4.05	21.78	25.83

AUG-01-1997 09:06

TANKS PROGRAM 3.0
EMISSIONS REPORT - SUMMARY FORMAT
TOTAL EMISSION SUMMARY - ALL TANKS IN REPORT

08/01/97
PAGE 10

. Identification				Losses (lb)
12	D-7012	Vertical Fixed Roof	Sneads, FL	248.51
13	D-7012	Vertical Fixed Roof	Sneads, FL	183.50
21	A-30598	Vertical Fixed Roof	Pensacola, FL	25.83
Total Emissions for all Tanks:				457.83

500 Bayfront Parkway
Pensacola, FL 32520

Tel 904.444.6000

*FOX TO JONATHAN HOLTON
FOR PROCESSING WITH
TITLE V APPLICATION.
922-6979*



July 15, 1997

Mr. Ed K. Middleswart, P. E.
Florida Department of Environmental Protection
Northwest District
160 Governmental Center
Pensacola, Florida 32501

*Edm → Carolyn
7/22
Carolyn
7/22
Forwarded a copy with
Comments to T211/S.H.
To process with Title
any problems
7/27*

Dear Mr. Middleswart:

GULF POWER COMPANY

CRIST ELECTRIC GENERATING PLANT: AO17-211303, AC17-234016, AO17-171806

SCHOLZ ELECTRIC GENERATING PLANT: AO32-211311

LANSING SMITH ELECTRIC GENERATING PLANT: AO03-211310

Over the past several weeks, I've talked with Carolyn Salmon of your staff regarding an issue of Gulf Power's testing methodology when demonstrating annual opacity compliance outlined in the above referenced air operating permits. Gulf Power has for fifteen years or more used continuous emission monitors as the compliance method for opacity in lieu of conducting annual Reference Method 9 visible emissions tests. In doing so, Gulf has substituted six minute opacity cems data for information recorded under Reference Method 9 for each steady state and soot blow particulate test runs. Gulf Power has always believed that our commitment to use real time monitoring information was over and beyond the requirements of the state environmental rules. However, our use of cems has never been outlined in our operating permits even though an agreement was formulated with FDEP many years ago. Furthermore, FDEP has always reviewed and approved our testing reports without question.

Due to the need to have more formal test protocols recorded for Title V purposes, Gulf Power hereby requests the continued use of six minute continuous emission monitoring data for demonstration of the annual opacity standard at Plant Crist Units 4-5-6-7, Plant Scholz Units 1 & 2, and Plant Lansing Smith Units 1 & 2.

If you have any questions or need more information regarding this matter, please contact me at (904) 444-6527.

Sincerely,

G. Dwain Waters, QEP
Air Quality Programs Coordinator

cc: J. O. Vick

The std method 9 uses 6 minute rolling averages for opacity. 6 minute blocks are less onerous. However, I think CEMS 6 min blocks is a much more stringent standard than a meth 9 so I support G.P.'s request. It should be written into the permit.

500 Bayfront Parkway
Pensacola, FL 32520

Tel 904.444.6000



April 7, 1997

Mr. Scott M. Sheplak
Florida Department of Environmental Protection
Division of Air Resources Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED
APR 10 1997
BUREAU OF
AIR REGULATION

Dear Mr. Sheplak:

Re: GULF POWER COMPANY TITLE V APPLICATION REVISION
GULF POWER COMPANY ACID RAIN PHASE II APPLICATION REVISION
PLANT CRIST, PLANT SCHOLZ, PLANT LANSING SMITH

Gulf Power Company hereby requests a revision of our active Acid Rain Phase II and Title V permit applications on file with the Florida Department of Environmental Protection. Our request is pursuant to a change of the "Designated Representative" for Gulf Power under the Acid Rain Program. These revisions (3) were submitted to the Environmental Protection Agency on April 3, 1997 as required under 40 CFR 72.24 of the Clean Air Act Amendments of 1990. Copies are attached for your review. Please update Gulf Power's active Acid Rain Phase II and Title V permit applications for Plant Crist, Plant Scholz and Plant Lansing Smith regarding this change.

If you have questions or need further information regarding the Designated Representative under the Acid Rain Program, please call me at (904) 444-6527.

Sincerely,

G. Dwain Waters
Air Quality Programs Coordinator, QEP

Attachments (3)
See Distribution Sheet

DISTRIBUTION SHEET

cc w/oatt: G. Edison Holland, Jr, Gulf Power Company
J. O. Vick, Gulf Power Company
J. M. Dominey, Gulf Power Company
S. H. Houston, Gulf Power Company
K. Peacock, Gulf Power Company
C. R. Lee, Gulf Power Company
Joseph W. Martin, Gulf Power Company
Lewis A. Jeffers, Gulf Power Company

cc: w/att: K. F. Kosky, KBN Engineering
Angela Morrison, Hopping, Green, Sams & Smith
Danny Herrin, Southern Company Services



Certificate of Representation

For more information, see instructions and refer to 40 CFR 72.24

This submission is: New Revised

This submission includes combustion or process sources under 40 CFR part 74

STEP 1
Identify the source by plant name, State, and, if applicable, ORIS code from NADB.

Scholz Electric Generating Plant Plant Name	FL State	642 ORIS Code
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STEP 2
Enter requested information for the designated representative.

Name G. Edison Holland, Jr.	
Address 500 Bayfront Parkway Pensacola, Florida 32520-0100	
Phone Number (904) 444-6393	Fax Number (904) 444-6744

STEP 3
Enter requested information for the alternate designated representative, if applicable.

Name	
Address	
Phone Number	Fax Number

STEP 4
Complete Step 5, read the certifications, and sign and date. For a designated representative of a combustion or process source under 40 CFR part 74, the references in the certifications to "affected unit" or "affected units" also apply to the combustion or process source under 40 CFR part 74 and the references to "affected source" also apply to the source at which the combustion or process source is located.

I certify that I was selected as the designated representative or alternate designated representative, as applicable, by an agreement binding on the owners and operators of the affected source and each affected unit at the source.

I certify that I have given notice of the agreement, selecting me as the designated representative or alternate designated representative, as applicable, for the affected source and each affected unit at the source identified in this certificate of representation, daily for a period of one week in a newspaper of general circulation in the area where the source is located or in a State publication designed to give general public notice.

I certify that I have all necessary authority to carry out my duties and responsibilities under the Acid Rain Program on behalf of the owners and operators of the affected source and of each affected unit at the source and that each such owner and operator shall be fully bound by my actions, inactions, or submissions.

I certify that I shall abide by any fiduciary responsibilities imposed by the agreement by which I was selected as designated representative or alternate designated representative, as applicable.

I certify that the owners and operators of the affected source and of each affected unit at the source shall be bound by any order issued to me by the Administrator, the permitting authority, or a court regarding the source or unit.

Where there are multiple holders of a legal or equitable title to, or a leasehold interest in, an affected unit, or where a utility or industrial customer purchases power from an affected unit under life-of-the-unit, firm power contractual arrangements, I certify that:

I have given a written notice of my selection as the designated representative or alternate designated representative, as applicable, and of the agreement by which I was selected to each owner and operator of the affected source and of each affected unit at the source; and

Allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in proportion to each holder's legal, equitable, leasehold, or contractual reservation or entitlement or, if such multiple holders have expressly provided for a different distribution of allowances by contract, that allowances and the proceeds of transactions involving allowances will be deemed to be held or distributed in accordance with the contract.

Scholz Electric Generating Plant
Plant Name (from Step 1)

The agreement by which I was selected as the alternate designated representative, if applicable, includes a procedure for the owners and operators of the source and affected units at the source to authorize the alternate designated representative to act in lieu of the designated representative.

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

<i>Elisont Hall D.G.</i> Signature (designated representative)	4/2/97 Date
Signature (alternate designated representative)	Date

STEP 5
Provide the name of every owner and operator of the source and each affected unit (or combustion or process source) at the source. Identify the units they own and/or operate by boiler ID# from NADB, if applicable. For owners only, identify each state or local utility regulatory authority with ratemaking jurisdiction over each owner, if applicable.

Name Scholz Electric Generating Plant						<input type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
ID# 1	ID# 2	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities Florida Public Service Commission							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities							

Phase II Permit Application

For more information, see instructions and refer to 40 CFR 72.30 and 72.31 and Chapter 62-214, F.A.C.

This submission is: New Revised

STEP 1
Identify the source by plant name, State, and ORIS code from NADB

Plant Name: Scholz	FL State	642 ORIS Code
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STEP 2
Enter the boiler ID# from NADB for each affected unit, and indicate whether a repowering plan is being submitted for the unit by entering "yes" or "no" at column c. For new units, enter the requested information in columns d and e

Compliance Plan				
a Boiler ID#	b Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	c Repowering Plan	d New Units Commence Operation Date	e New Units Monitor Certification Deadline
1	Yes	No		
2	Yes	No		
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			

STEP 3
Check the box if the response in column c of Step 2 is "Yes" for any unit

For each unit that will be repowered, the Repowering Extension Plan form is included and the Repowering Technology Petition form has been submitted or will be submitted by June 1, 1997.

Plant Name (from Step 1)

STEP 4

Read the standard requirements and certification, enter the name of the designated representative, and sign and date

Standard RequirementsPermit Requirements.

- (1) The designated representative of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Submit a complete Acid Rain part application (including a compliance plan) under 40 CFR part 72, Rules 62-214.320 and 330, F.A.C. in accordance with the deadlines specified in Rule 62-214.320, F.A.C.; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain part application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain part application or a superseding Acid Rain part issued by the permitting authority; and
 - (ii) Have an Acid Rain Part.

Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each Acid Rain source and each Acid Rain unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75, and Rule 62-214.420, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each Acid Rain unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide omitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An Acid Rain unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an Acid Rain unit under 40 CFR 72.6(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an Acid Rain unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1)(i) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each Acid Rain unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (1) The designated representative of an Acid Rain unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an Acid Rain unit that has excess emissions in any calendar year shall:
 - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each Acid Rain unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
 - (i) The certificate of representation for the designated representative for the source and each Acid Rain unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with Rule 62-214.350, F.A.C.; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (ii) All emissions monitoring information, in accordance with 40 CFR part 75;
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,

Plant Name (from Step 1)

Recordkeeping and Reporting Requirements (cont.)

(iv) Copies of all documents used to complete an Acid Rain part application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an Acid Rain source and each Acid Rain unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

(1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.

(2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.

(3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.

(4) Each Acid Rain source and each Acid Rain unit shall meet the requirements of the Acid Rain Program. Any provision of the Acid Rain Program that applies to an Acid Rain source (including a provision applicable to the designated representative of an Acid Rain source) shall also apply to the owners and operators of such source and of the Acid Rain units at the source.

(5) Any provision of the Acid Rain Program that applies to an Acid Rain unit (including a provision applicable to the designated representative of an Acid Rain unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one Acid Rain unit shall not be liable for any violation by any other Acid Rain unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.

(7) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78 by an Acid Rain source or Acid Rain unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

(1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;

(2) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;


(3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;

(4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,

(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	M. L. Gilchrist	
Signature		Date 12/8/95

STEP 5 (optional)
Enter the source AIRS
and FINDS identification
numbers, if known

AIRS
FINDS

TO: Ed Middleswart, NED

FROM: Bruce Mitchell

DATE: December 17, 1996

SUBJECT: Completeness Review of an Application Package for a Title V Operation Permit
Gulf Power Company, Scholz: 0630014-001-AV

The Title V operating permit application package for the referenced facility is being processed in Tallahassee. The application was previously forwarded to your office for your files and future reference. Please have someone review the package for completeness and respond in writing by January 20, 1997, if you have any comments. Otherwise, no response is required. If there are any questions, please call the project engineer, Jonathan Holtom, at 904/488-1344 or SC:278-1344. It is very important to verify the compliance statement regarding the facility. Since we do not have a readily effective means of determining compliance at the time the application was submitted, please advise if you know of any emissions unit(s) that were not in compliance at that time and provide supporting information. Also, do not write on the documents.

If there are any questions regarding this request, please call me or Scott Sheplak at the above number(s).

RBM/bm

cc: Andy Allen

State of Florida summary checklist for initial Title V permit applications for 'existing' Title V Sources

Facility Owner/Operator Name: Gulf Power Company
Facility ID No.: 0630014 Site Name: Scholz Electric Generating Plant
County: Jackson
application receipt date 6/14/96

I. Preliminary scanning of application submitted.

- a. Was application submitted to correct permitting authority? Y N
- b. Was an application filed? Y* N
- c. Was the application filed timely? Y* N

d. Application format filed [check one].

Hard copy of official version of form? ELSA? 1.3(b)
 A facsimile of official version of form? Some combination?

e. 4 copies (paper/electronic) submitted? Y N

f. Electronic diskettes protected/virus scanned/marked? Y N N/A
by YKZ date 6/14/96

g. Entire hard copy of Section I. provided (Pages 1-8 of form)? Y N
 Facility identified (Page 1)? [if not complete a Page 1] Y* [Attached
 R.O. certification signed and dated (Page 2)? Y* N
 P.E. certification signed and dated (Page 7)? Y* N

h. Any confidential information submitted? Y N
 If yes, R.O. provided hard copy to us and EPA? Y* N
 If yes, hard copy locked up and note filed with application? Y* N

i. Type of application filed.
 TV application for 'existing' Title V Source only? Y N
 Any units subject to acid rain? Y N

Note(s): [*] = mandatory.

Comment(s): Use hard copy as the original submittal due to ELSA problems.

Reviewer's initials RAN date 6/17/96 Concurrence initials _____ date ___/___/___

State of Florida summary checklist for initial Title V permit applications for 'existing' Title V Sources (cont'd)

II. Application logging.

ARMS Permit Number assigned 0630014-001-AV
logged into ARMS by initials J.H. date 7/25/96

III. Initial distribution of application.

a. Disposition of 4 paper/electronic copies submitted:

1- Clean originals to file? Y___ N___

1- ___ District Y___ N___

1- ___ County [affected local program]? Y___ N___

1- Permit engineer(s) _____, _____

b. Disposition of electronic files submitted:

copy placed onto PC? Y___ N___

c. Disposition of ELSA submitted:

version used [circle]: 1.0 1.1 1.2.1 1.3 1.3a 1.3b

Uploaded to EARS? Y N___

by J.H. date 8/27/96

d. Electronic information submitted previewed? Y___ N___ N/A___

Comment(s): _____

{this checklist was developed from Rule 62-213.420(1)(b)2., F.A.C. and DARM policy}