



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

September 17, 1997

Mr. Allan Wade Smith
General Manager
Polk Power G.P., Inc.
1125 US 98 South, Suite 100
Lakeland, FL 33801

Re: PROPOSED Title V Permit No.: 1050217-001-AV
Mulberry Cogeneration Facility

Dear Mr. Smith:

One copy of the "PROPOSED PERMIT DETERMINATION" for the Mulberry Cogeneration Facility located at 3600 County Road 555, Bartow, Polk County, is enclosed. This letter is only a courtesy to inform you that the 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://www.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permit will not be issued until the permitting authority receives written notice that the objection is resolved or withdrawn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 Lennon Anderson at 850/488-1344.

Sincerely,

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

CHF/a

Enclosures

copy furnished to:
Dennis J. Oehring, DR
Kennard F. Kosky, P.E., GA
Bill Thomas, SWD
Ms. Yolanda Adams, USEPA, Region 4 (INTERNET E-mail Memorandum)
Ms. Carla E. Pierce, USEPA, Region 4 (INTERNET E-mail Memorandum)

PROPOSED PERMIT DETERMINATION

PROPOSED Permit No.: 1050217-001-AV

Page 1 of 2

I. Public Notice.

An "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" to Polk Power Partners, L.P. for the Mulberry Cogeneration Facility located at 3600 County Road 555, Bartow, Polk County was clerked on June 30, 1997. The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" was published in the Polk County Democrat on July 10, 1997. The DRAFT Title V Air Operation Permit was available for public inspection at the Southwest District Office in Tampa 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 17, 1997.

II. Public Comment(s).

Comments were received and the DRAFT Title V Operation Permit was changed. The comments were not considered significant enough to reissue the DRAFT Title V Permit and require another Public Notice. Comments were received from one respondent during the 30 (thirty) day public comment period. Listed below is each comment letter in the chronological order of receipt and a response to each comment in the order that the comment was received. The comment(s) will not be restated. Where duplicative comments exist, the original response is referenced.

A. Letter from Mr. Allan Wade Smith dated July 25, 1997, and received on July 31, 1997.

Specific Condition A.1. was deleted from the Draft Permit by the permitting authority as unnecessary. As a result, the numbering for Subsection A in the Proposed is off by 1, relative to the Draft. Also, Specific Conditions A.22. and A.23. were removed from sub-heading 'Monitoring of Operations' in the Draft to Specific Conditions A.23. and A.24. in the Proposed under 'Continuous Monitoring'. Specific Condition A.30. of the Proposed contains language to reduce reporting requirements if certain criteria is met.

1. Comment # 1:

Response: Specific Condition C.12. does not include a test method for VOC because the secondary boiler is not required to be tested for VOC.

2. Comments # 2 and 3:

Response: Table 1-1 has been changed to be consistent with the proposed permit.

3. Comments # 4 - 8:

Response: Table 2-1 has been changed to be consistent with the proposed permit.

4. Comment # 9:

Response: If the Title V Permit goes final before December 31, 1997, it does not become effective until January 1, 1998.

B. Document(s) on file with the permitting authority:

-Letter received July 31, 1997, from Mr. Allan Wade Smith.

PROPOSED Permit No.: 1050217-001-AV
Page 2 of 2

III. Conclusion.

The permitting authority hereby issues the PROPOSED Permit No.: 1050217-001-AV, with any changes noted above. Furthermore, due to recent comments from Region 4, U.S. EPA, the Department agreed to make the following changes shown in attachment "Changes to Title V permits issued prior to 8/8/97".

CHANGES TO TITLE V PERMITS ISSUED PRIOR TO 8/8/97

Due to recent comments from Region 4, U.S. EPA, the Department agreed to make the following changes:

1. Citings of Rule 62-297.310(7)(a)10., F.A.C., will be deleted since no emissions units are exempt from permitting at a Title V source and the condition is only a statement referring the reader back to Rule 62-210.300(3)(a), F.A.C., which states the same.
2. In the citations to Rule 297.310(7)(b), F.A.C., the word “shall” was changed to “may” because of what has been approved in the SIP. The citing will also contain the qualifier “SIP approved”.
3. The addresses and appropriate particulars were added for the compliance office and the U.S. EPA, Region 4 office in Section II. Facility-wide Conditions.
4. In Appendix TV-1:
 - a. Condition No. 11 has been flagged as “**Not federally enforceable.**”
 - b. Condition No. 55 was deleted due to duplicity with condition No. 17; and, the subsequent conditions have been renumbered.
 - c. Condition No. 54 has been flagged as “**Not federally enforceable.**”
 - d. Condition No. 56 (now No. 55) has been edited and the citing has a flag of “**(Chapter 62-281, F.A.C., is not federally enforceable)**”.
 - e. Condition No. 57 (now No. 56) has been flagged as “**Not federally enforceable until SIP approved.**”
5. In Section II. Facility-wide conditions., a condition was created to define the effective date of the permit as day one for any reporting, monitoring, or recording requirements that are time-based.
6. Acid Rain Part: the following new conditions have been added to the part:
 - a. *(new)* **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), F.A.C.]
 - b. *(new)* **A.4. 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.]

In addition to the above, the following changes have been made for clarity:

1. In Section II. Facility-wide Conditions., the EPA compliance test method (**Method 9**) is stated as the method of compliance and the appropriate rule citing was added [Rule 62-296.320(4)(b)1. & 4., F.A.C.].
2. Due to the above changes made to Appendix TV-1, the version will carry the date of “08/11/97”.

In conclusion, the changes that have been made are insignificant in nature and do not impose additional noticing requirements.

Polk Power Partners, L.P.
Mulberry Cogeneration Facility
Facility ID No.: 1050217
Polk County

Initial Title V Air Operation Permit
PROPOSED Permit No.: 1050217-001-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

September 8, 1997

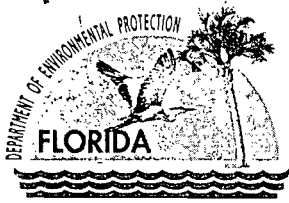
Compliance Authority:

Southwest District Office
3804 Coconut Palm Drive
Tampa, FL 33619-8218
Telephone: 813/744-6100
Fax: 813/744-6084

Initial Title V Air Operation Permit
PROPOSED Permit No.: 1050217-001-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:

Polk Power Partners, L.P.
3600 County Road 555
Bartow, FL 33831-0824

PROPOSED Permit No.: 1050217-001-AV

Facility ID No.: 1050217

SIC Nos.: 49, 4911

Project: Initial Title V Air Operation Permit

This permit is for the operation of the Mulberry Cogeneration Facility. This facility is located at 3600 County Road 555; UTM Coordinates: Zone 17, 413.6 km East and 3080.6 km North; Latitude: 27° 50' 56" North and Longitude: 81° 52' 39" 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 U-1, List of Unregulated Emissions Units and/or Activities

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

APPENDIX TV-1, TITLE V CONDITIONS (version dated 08/11/97)

APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/07/96)

TABLE 297.310-1, CALIBRATION SCHEDULE (version dated 10/07/96)

FIGURE 1- SUMMARY REPORT-GASEOUS AND OPACITY EXCESS EMISSION
AND MONITORING SYSTEM PERFORMANCE REPORT (7/96)

Phase II Acid Rain Application/Compliance Plan received June 17, 1996.

ORDER EXTENDING PERMIT EXPIRATION DATE dated 09/16/97

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/la

Section I. Facility Information.

Subsection A. Facility Description.

This facility has a 126 MW combined cycle cogeneration unit which consists of 1 combustion turbine (CT), 1 Heat Recovery Steam Generator (HRSG) and 1 Secondary Boiler. The facility is fired with natural gas and new No. 2 fuel oil, with natural gas being the primary fuel and new No. 2 fuel oil as backup fuel.

Also included in this permit are miscellaneous unregulated/exempt emissions units and/or activities.

Based on the initial Title V permit application received June 17, 1996, this facility is not a major source of hazardous air pollutants (HAPs).

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

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-001	Combustion Turbine (CT) with HRSG
-002	Secondary Boiler

Unregulated Emissions Units and/or Activities
-xxx New No. 2 Fuel Oil Tank (720,000 gal)

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

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:

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

Table 2-1, Summary of Compliance Requirements

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

Appendix H-1, Permit History/ID Number Changes

These documents are on file with the permitting authority:

Initial Title V Permit Application received June 17, 1996

Additional Information Request dated January 24, 1997

Additional Information Response received April 24, 1997

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 a copy when requested or otherwise appropriate. }
2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. No person shall 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. 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).
[Rule 62-296.320(4)(b)1., F.A.C.]
4. 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;
 - b. certification forms and/or RMPs according to the promulgated rule schedule.[40 CFR 68]
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. 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.]
7. **Not federally enforceable.** 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.

[Rule 62-296.320(1)(a), F.A.C.]

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

Limiting access to plant property by unnecessary vehicles.

[Rule 62-296.320(4)(c)2., F.A.C.; and, proposed by applicant in the initial Title V permit application received June 17, 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 permittee shall submit all compliance related notifications and reports required of this permit to the Department's Southwest District Office:

Department of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619-8218
Telephone: 813/744-6100
Fax: 813/744-6084

11. Any reports, data, notifications, certifications, and requests 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

Section III. Emissions Unit and Conditions.

Subsection A. This section addresses the following emissions units.

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-001	Combustion Turbine (CT) with HRSG

The combustion turbine (CT) is a GE PG7111EA model with a nameplate rating of 82 MW at ISO. The CT is allowed to burn natural gas or new No. 2 fuel oil. Natural gas is the primary fuel and new No. 2 fuel oil can be used permanently as back-up fuel. NOx emissions are controlled by dry low-NOx combustors and water-injection. The HRSG services a 44 MW steam generator and furnishes steam to other facilities. The CT and HRSG began commercial operation on August 10, 1994.

{Permitting notes: This emissions unit is regulated under Acid Rain, Phase II; NSPS - 40 CFR 60, Subpart GG, Standards of Performance for Stationary Gas Turbines, adopted and incorporated by reference in Rule 62-204.800(7), F.A.C.; NSPS 40 CFR 60 Subpart A; Rule 212.400(5), F.A.C., Prevention of Significant Deterioration (PSD); Rule 62-212.400(6), F.A.C., Best Available Control Technology (BACT) Determination, dated February 21, 1994.}

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

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The operation rate shall not exceed 869 MMBtu/hr (LHV) at ISO conditions.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

A.2. Methods of Operation - Fuels.

The permittee shall fire natural gas or new No. 2 fuel oil. The primary fuel shall be natural gas with new No. 2 fuel oil as backup fuel. The fuel consumption rates (based on operation at 20 ° F) for the turbine shall not exceed those listed below:

Natural Gas		New No. 2 Fuel Oil	
<u>M ft3/hr</u>	<u>MM ft3/yr</u>	<u>M lb/hr</u>	<u>MM lb/yr</u>
1013.4	8877.4	55.6	40.0

New No. 2 fuel oil can be used permanently as backup fuel for no more than 720 hours per year.

[Rule 62-213.410, F.A.C. and AC53-211670]

A.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8760 hours/year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

{Permitting note: 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.4. All emission limits in **Specific Conditions A.5. through A.10.** are based on operation at 59 °F and 60 % relative humidity (ISO conditions).

[AC53-211670]

A.5. Nitrogen Oxides. NOx emissions shall not exceed 15 ppmvd @ 15% O₂ (52.7 lbs/hr and 230.7 TPY) when firing natural gas.

[AC53-211670 and BACT Determination dated February 21, 1994]

A.6. Nitrogen Oxides. NOx emissions shall not exceed 42 ppmvd @ 15% O₂ (164.0 lbs/hr and 59.0 TPY) when firing new No. 2 fuel oil.

[AC53-211670 and BACT Determination dated February 21, 1994]

A.7. Sulfur Dioxide. The maximum sulfur content of the new No. 2 fuel oil shall not exceed 0.10 percent by weight.

[AC53-211670 and BACT Determination dated February 21, 1994]

A.8. Volatile Organic Compound. VOC emissions shall not exceed 9.2 lbs/hr and 3.3 TPY when firing new No. 2 fuel oil.

[AC53-211670 and BACT Determination dated February 21, 1994]

A.9. Carbon Monoxide. CO emissions shall not exceed 25 ppmvd @ 15% O₂ (53.0 lbs/hr and 232.0 TPY) when firing natural gas.

[AC53-211670 and BACT Determination dated February 21, 1994]

A.10. Carbon Monoxide. CO emissions shall not exceed 75.3 lbs/hr and 27.1 TPY when firing new No. 2 fuel oil.

[AC53-211670 and BACT Determination dated February 21, 1994]

Test Methods and Procedures

A.11. Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected

facility. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.

[40 CFR 60.8(c)]

A.12. Compliance with standards in 40 CFR 60, other than opacity, shall be determined only by performance tests established by 40 CFR 60.8, unless otherwise specified in the applicable standard.

[40 CFR 60.11(a)]

A.13. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility 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 information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operation and maintenance procedures, and inspection of the source.

[40 CFR 60.11(d)]

A.14. Circumvention. No owner or operator subject to the provisions of 40 CFR 60 shall 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 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 a pollutant in the gases discharged to the atmosphere.

[40 CFR 60.12]

A.15. To compute the nitrogen oxides emissions, the owner or operator shall use analytical methods and procedures that are accurate to within 5 percent and are approved by the Administrator to determine the nitrogen content of the fuel being fired.

[40 CFR 60.335(a)]

A.16. In conducting the performance tests required in 40 CFR 60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures as specified in this permit, except as

provided for in 40 CFR 60.8(b). Acceptable alternative methods and procedures are given in paragraph 40 CFR 60.335(f).

[40 CFR 60.335(b)]

A.17. The owner or operator shall determine compliance with the sulfur content standard in 40 CFR 60.333(b) as follows: ASTM D 1072-96, D 3031-81(86), D 4084-94, D 3246-92, or the latest edition of the above ASTM methods shall be used for the sulfur content of gaseous fuels (incorporated by reference-see 40 CFR 60.17). The applicable ranges of some ASTM methods mentioned above are not adequate to measure the levels of sulfur in some fuel gases. Dilution of samples before analysis (with verification of the dilution ratio) may be used, subject to the approval of the Administrator.

[40 CFR 60.335(d)]

A.18. The owner or operator shall determine compliance with the sulfur content standard in **Specific Condition A.7.** by using ASTM D 2880-96, or the latest edition.

[40 CFR 60.335(d)]

A.19. To meet the requirements of 40 CFR 60.334(b), the owner or operator shall use the methods specified in 40 CFR 60.335 (a) and 40 CFR 60.335(d) of 40 CFR 60.335 to determine the nitrogen and sulfur contents of the fuel being burned. The analysis may be performed by the owner or operator, a service contractor retained by the owner or operator, the fuel vendor, or any other qualified agency.

[40 CFR 60.335(e)]

A.20. Annual compliance with the VOC standard shall be determined by EPA Method 25A as described in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C.

[AC 53-211670]

Monitoring of Operations

A.21. The owner or operator of any stationary gas turbine subject to the provisions of 40 CFR 60, Subpart GG shall monitor sulfur content and nitrogen content of the fuel being fired in the turbine. The frequency of determination of these values shall be as follows:

(1) If the turbine is supplied its fuel from a bulk storage tank, the values shall be determined on each occasion that fuel is transferred to the storage tank from any other source.

(2) If the turbine is supplied its fuel without intermediate bulk storage the values shall be determined and recorded daily. Owners, operators or fuel vendors may develop custom schedules for determination of the values based on the design and operation of the affected facility and the characteristics of the fuel supply. These custom schedules shall be

substantiated with data and must be approved by the Administrator before they can be used to comply with 40 CFR 60.334(b).

[40 CFR 60.334(b)(1) and (2)]

A.22. The permittee shall monitor sulfur content and nitrogen content of natural gas fired in the turbine as follows:

Custom Fuel Monitoring Schedule for Natural Gas

1. Monitoring of fuel nitrogen content shall not be required when firing natural gas.
2. Sulfur Monitoring:
 - a. Analysis for fuel sulfur content of the natural gas shall be conducted using one of the approved ASTM reference methods for the measurement of sulfur in gaseous fuels, or an approved alternative method. The reference methods are ASTM D1072-90(94)E-1, ASTM D3031-81(86), ASTM D 3246-92, and ASTM D4084-94, or the latest edition of the above ASTM methods as referenced in 40 CFR 60.335(d).
 - b. This custom fuel monitoring schedule became effective on August 8, 1994. Sulfur monitoring shall be conducted twice monthly for six months. If this monitoring shows little variability in the fuel sulfur content, and indicates consistent compliance with 40 CFR 60.333, then sulfur monitoring shall be conducted once per quarter for six quarters. If monitoring data is provided by the applicant which demonstrates consistent compliance with the requirements herein, the applicant may begin monitoring as per the requirements of 2(c).
 - c. If after the monitoring required in item 2(b) above, or herein, the sulfur content of the fuel shows little variability and, calculated as sulfur dioxide, represents consistent compliance with the sulfur dioxide emission limits specified under 40 CFR 60.333, sample analysis shall be conducted twice per year. This monitoring shall be conducted during the first and third quarters of each calendar year.
 - d. Should any sulfur analysis as required in items 2(b) or 2(c) above indicate noncompliance with 40 CFR 60.333, the owner or operator shall notify the Department of such excess emissions and the custom schedule shall be re-examined. Sulfur monitoring shall be conducted weekly during the interim period when this custom schedule is being re-examined.

3. If there is a change in fuel supply, the owner or operator must notify the Department of such change for re-examination of this custom schedule. A substantial change for re-examination of this custom schedule. A substantial change in fuel quality shall be considered as a change in fuel supply. Sulfur monitoring shall be conducted weekly during the interim period when this custom schedule is being re-examined.

[40 CFR 60.334(b)(2) and AC 53-211670]

Continuous Monitoring Requirements

A.23. The owner or operator required to install a continuous monitoring system (CMS) or monitoring device shall submit an excess emissions and monitoring systems performance report (excess emissions are defined in applicable subparts) and/or a summary report form [see 40 CFR 60.7(d)] to the Administrator semiannually, except when: more frequent reporting is specifically required by an applicable subpart; or, the CMS data are to be used directly for compliance determination, in which case quarterly reports shall be submitted; or, the Administrator, on a case-by-case basis, determines that more frequent reporting is necessary to accurately assess the compliance status of the source. All reports shall be postmarked by the 30th day following the end of each calendar half (or quarter, as appropriate). Written reports of excess emissions shall include the following information:

(1) The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h); any conversion factor(s) used, and the date and time of commencement and completion of each time period of excess emissions. The process operating time during the reporting period.

(2) Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the affected facility. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted.

(3) The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments.

(4) When no excess emissions have occurred or the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be stated in the report.

[40 CFR 60.7(c)(1), (2), (3), and (4)]

A.24. The owner or operator of any stationary gas turbine subject to the provisions of 40 CFR 60, Subpart GG and using water injection to control NO_x emissions shall install and operate a continuous monitoring system to monitor and record the fuel consumption and the ratio of water to fuel being fired in the turbine. This system shall be accurate to within ± 5.0 percent and shall be approved by the Administrator.

[40 CFR 60.334(a)]

Recordkeeping and Reporting Requirements

A.25. The turbine manufacturer's capacity vs. temperature (ambient) curve shall be included with the compliance test results.
[AC 53-211670]

A.26. Records of sample analysis and fuel supply pertinent to the "Custom Fuel Monitoring Schedule for Natural Gas" in **Specific Condition A.22.** shall be retained for a period of five years, and be available for inspection by personnel of federal, state, and local air pollution control agencies.
[AC 53-211670]

A.27. For the purpose of reports required under 40 CFR 60.7(c), periods of excess emissions that shall be reported are defined as follows:

a. *Nitrogen oxides.* Any one-hour period during which the average water-to-fuel ratio, as measured by the continuous monitoring system, falls below the water-to-fuel ratio determined to demonstrate compliance with the permitted nitrogen oxide standard by the initial performance test required in 40 CFR 60.8 or any period during which the fuel-bound nitrogen of the fuel is greater than the maximum nitrogen content allowed by the fuel-bound nitrogen allowance used during the initial performance test. Each report shall include the average water-to-fuel ratio, average fuel consumption, ambient conditions, gas turbine load, and nitrogen content of the fuel during the period of excess emissions, and the graphs or figures developed under 40 CFR 60.335(a).
[Rule 62-296.800, F.A.C.; 40 CFR 60.334(c)(1)]

A.28. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.
[40 CFR 60.7(b)]

A.29. The summary report form shall contain the information and be in the format shown in Figure 1 (attached) unless otherwise specified by the Administrator. One summary report form shall be submitted for each pollutant monitored at each affected facility.

(1) If the total duration of excess emissions for the reporting period is less than 1 percent of the total operating time for the reporting period and CMS downtime for the reporting period is less than 5 percent of the total operating time for the reporting period, only the summary report form shall be submitted and the excess emission report described in 40 CFR 60.7(c) need not be submitted unless requested by the Administrator.

(2) If the total duration of excess emissions for the reporting period is 1 percent or greater of the total operating time for the reporting period or the total CMS downtime for the

reporting period is 5 percent or greater of the total operating time for the reporting period, the summary report form and the excess emission report described in 40 CFR 60.7(c) shall both be submitted.

[40 CFR 60.7(d)(1) and (2)]

A.30. (1) Notwithstanding the frequency of reporting requirements specified in 40 CFR 60.7(c), an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the following conditions are met:

(i) For 1 full year (e.g., 4 quarterly or 12 monthly reporting periods) the affected facility's excess emissions and monitoring systems reports submitted to comply with a standard under this part continually demonstrate that the facility is in compliance with the applicable standard;

(ii) The owner or operator continues to comply with all recordkeeping and monitoring requirements specified in 40 CFR 60, Subpart A, and the applicable standard; and

(iii) The Administrator does not object to a reduced frequency of reporting for the affected facility, as provided in 40 CFR 60.7(e)(2).

(2) The frequency of reporting of excess emissions and monitoring systems performance (and summary) reports may be reduced only after the owner or operator notifies the Administrator in writing of his or her intention to make such a change and the Administrator does not object to the intended change. In deciding whether to approve a reduced frequency of reporting, the Administrator may review information concerning the source's entire previous performance history during the required recordkeeping period prior to the intended change, including performance test results, monitoring data, and evaluations of an owner or operator's conformance with operation and maintenance requirements. Such information may be used by the Administrator to make a judgment about the source's potential for noncompliance in the future. If the Administrator disapproves the owner or operator's request to reduce the frequency of reporting, the Administrator will notify the owner or operator in writing within 45 days after receiving notice of the owner or operator's intention. The notification from the Administrator to the owner or operator will specify the grounds on which the disapproval is based. In the absence of a notice of disapproval within 45 days, approval is automatically granted.

(3) As soon as monitoring data indicate that the affected facility is not in compliance with any emission limitation or operating parameter specified in the applicable standard, the frequency of reporting shall revert to the frequency specified in the applicable standard, and the owner or operator shall submit an excess emissions and monitoring systems performance report (and summary report, if required) at the next appropriate reporting period following the noncomplying event. After demonstrating compliance with the applicable standard for another full year, the owner or operator may again request

approval from the Administrator to reduce the frequency of reporting for that standard as provided for in 40 CFR 60.7(e)(1) and (e)(2).

[40 CFR 60.7(e)]

A.31. The permittee shall maintain a file of all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; all other information required by this part recorded in a permanent form suitable for inspection. The file shall be retained for at least five years following the date of such measurements, maintenance, reports, and records.

[40 CFR 60.7(f) and Rule 62-213.440(1)(b)2.b., F.A.C.]

A.32. This emissions unit is also subject to the conditions contained in **Subsection C. Common Conditions.**

Subsection B. This section addresses the following emissions unit(s).

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-002	Secondary Boiler

The secondary boiler is for auxiliary steam. It is fired by natural gas. A portion of the exhaust gas from the combustion turbine is vented through the secondary boiler. NOx emissions are controlled with low-dry-NOx combustion technology. This emissions unit began commercial operation on August 10, 1994.

{Permitting notes: The emissions unit is regulated under Acid Rain, Phase II; Rule 212.400(5), F.A.C., Prevention of Significant Deterioration (PSD); Rule 62-212.400(6), F.A.C., Best Available Control Technology (BACT) Determination, dated February 21, 1994}

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

Essential Potential to Emit (PTE) Parameters

B.1. Permitted Capacity. The operation rate shall not exceed 99 MMBtu/hr (LHV) at ISO conditions.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

B.2. Methods of Operation - Fuels.

The only fuel allowed to be burned is natural gas. The fuel consumption rates (based on operation at 20 ° F) for the secondary boiler shall not exceed those listed below:

Natural Gas	
<u>M ft3/hr</u> 104.2	<u>MM ft3/yr</u> 450.2*

*Based on maximum firing rate for 4,320 hours per year.

[Rule 62-213.410, F.A.C. and AC 53-211670]

B.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

{Permitting note: 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. }

B.4. Nitrogen Oxides. NOx emissions shall not exceed 18.3 lbs/hr and 80.0 TPY when firing natural gas.

[AC53-211670 and BACT Determination dated February 21, 1994]

B.5. Nitrogen Oxides. NOx emissions shall not exceed 23.4 lbs/hr and 8.4 TPY when firing new No. 2 fuel oil in the combustion turbine.

[AC53-211670 and BACT Determination dated February 21, 1994]

B.6. Sulfur Dioxide. The maximum sulfur content of the new No. 2 fuel oil shall not exceed 0.10 percent by weight when fired in the combustion turbine.

[AC53-211670 and BACT Determination dated February 21, 1994]

B.7. Carbon Monoxide. CO emissions shall not exceed 12.6 lbs/hr and 55.2 TPY when firing natural gas.

[AC53-211670 and BACT Determination dated February 21, 1994]

B.8. Carbon Monoxide. CO emissions shall not exceed 13.4 lbs/hr and 4.8 TPY when firing new No. 2 fuel oil in the combustion turbine.

[AC53-211670 and BACT Determination dated February 21, 1994]

B.9. This emissions unit is also subject to the conditions contained in **Subsection C. Common Conditions.**

Subsection C. Common Conditions.

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-001	Combustion Turbine with HRSG
-002	Secondary Boiler

The following conditions apply to the emissions units listed above:

Emission Limitations and Standards

C.1. Visible Emissions. Visible emissions shall not exceed 10 percent opacity when firing natural gas.
[AC53-211670]

C.2. Visible Emissions. Visible emissions shall not exceed 20 percent opacity when firing new No. 2 fuel oil in the combustion turbine.
[AC53-211670]

Excess Emissions

C.3. Excess emissions resulting from startup, shutdown, or 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.]

C.4. 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.]

Test Methods and Procedures

C.5. 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.]

C.6. 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 impractical 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 to regain the authority to operate at the permitted capacity. **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.]

C.7. Calculation of Emission Rate. The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the three separate test runs unless otherwise specified in a particular test method or applicable rule.

[Rule 62-297.310(3), F.A.C.]

C.8. 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, attached to this permit.

(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.]

C.9. 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.]

C.10. 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.]

C.11. 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.

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

(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.; SIP approved]

C.12. Annual compliance with the NO_x, CO, SO₂ and visible emission standards shall be determined by the following reference methods as described in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C.

NO_x: EPA Method 20
CO: EPA Method 10
SO₂: Fuel supplier's sulfur analysis
VE: EPA Method 9

[AC 53-211670]

Continuous Monitoring Requirements

C.13. The power output from the generators shall be metered and continuously recorded. The data shall be logged daily and maintained so that it can be provided to DEP upon request.

[AC 53-211670]

Recordkeeping and Reporting Requirements

C.14. The owner or operator shall notify the Southwest District Office of the Department, in writing, at least 15 days prior to the date on which each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

[Rule 62-297.310(7)(a)9., F.A.C.]

C.15. In case of excess emissions resulting from malfunctions, Polk Power Partners, L.P. shall notify the Department's Southwest District Office in accordance with 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.]

C.16. 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.

[Rule 62-297.310(8), F.A.C.]

Reasonable Assurances

C.17. Any other operating parameters established during compliance testing and/or inspections, that will ensure the proper operation of this facility, are considered part of this operating permit. Said operating parameters include, but are not limited to: Fuel flow rate and heat input rate.

[Rule 62-4.070(3), F.A.C.]

Section IV. This section is the Acid Rain Part.

Operated by: Polk Power Partners, L.P.
ORIS code: 54426

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>Brief Description</u>
-001	Combustion Turbine with HRSG
-002	Secondary Boiler

A.1. The Phase II permit application submitted for this facility, as approved by the Department, is a part of this permit. 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:

DEP Form No. 62-210.900(1)(a), dated December 27, 1995.
 [Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

A.2. Sulfur dioxide (SO₂) allowance allocations for each Acid Rain unit is as follows:

<u>E.U. ID No.</u>	<u>EPA ID</u>	<u>Year</u>	2000	2001	2002
-001	01	SO₂ allowances, under Table 2 or 3 of 40 CFR Part 73	0*	0*	0*
-002	02	SO₂ allowances, under Table 2 or 3 of 40 CFR Part 73	0*	0*	0*

*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 or 3 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), F.A.C.]

A.4. 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-1, TITLE V CONDITIONS}

[Rule 62-214.420(11), F.A.C.]

A.5. Comments, notes, and justifications: none

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

Mulberry Cogeneration Facility
Mulberry Cogeneration Facility

DRAFT Permit No.: 1050217-001-AV
Facility ID No.: 1050217

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.

<u>ID No.</u>	<u>Brief Description of Emissions Units and/or Activity</u>
-xxx	No. 2 Fuel Oil Tank (720,000 gal)

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

Mulberry Cogeneration Facility
Mulberry Cogeneration Facility

DRAFT Permit No.: 1050217-001-AV
Facility ID No.: 1050217

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.

1. Comfort heating < 1 MMBtu/hr
2. Internal combustion engines - mobile sources
3. Non-industrial vacuum cleaning
4. Refrigeration equipment
5. Vacuum pumps for labs
6. Steam cleaning equipment
7. Sanders < 5 sq.ft.
8. Lab equipment used for chemical or physical analyses
9. Brazing, soldering or welding equipment
10. Emergency generators < 32,000 gal/yr
11. General purpose engines < 32,000 gal/yr
12. Fire and safety equipment
13. Surface coating > 5% VOC; 6 gal/month
14. Surface coating < 5% VOC
15. Freshwater cooling towers. The cooling towers do not use chromimum-based treatment chemicals.

Appendix H-1, Permit History/ID Number Changes

Polk Power Partners
Mulberry Cogeneration Facility

Facility ID No.: 1050217

Permit History (for tracking purposes):

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>Revised Date(s)</u>
-001	Combustion Turbine (CT) with HRSG	AC53-211670/ PSD-FL-187	11/24/92	12/31/95	12/31/97	8/3/94
-002	Secondary Boiler	AC53-211670/ PSD-FL-187	11/24/92	12/31/95	12/31/97	8/3/94

(if applicable) ID Number Changes (for tracking purposes):

From: Facility ID No.: 40TPA530217

To: Facility ID No.: 1050217

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

Polk Power Partners, L.P.
Mulberry Cogeneration

PROPOSED Permit No.: 1050217-001-AV
Facility ID No.: 1050217

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
-001 Combustion Turbine (CT) with HRSG

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

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		
NOx	natural gas	8760	15 ppmvd @ 15% O ₂	52.7	230.7				III. A.5.
NOx	No. 2 Oil	720	42 ppmvd @ 15% O ₂	164.0	59.0				III.A.6.
SO ₂	No. 2 Oil	720	0.1 % by weight						III.A.7.
VOC	No. 2 Oil	720	10 ppmvd @ 15% O ₂	9.2	3.3				III.A.8.
CO	natural gas	8760	25 ppmvd @ 15% O ₂	53.0	232.0				III.A.9.
CO	No. 2 Oil	720	35 ppmvd @ 15% O ₂	75.3	27.1				III.A.10.

Notes:
* The "Equivalent Emissions" listed are for informational purposes only.

[electronic file name: 10502171.xls]

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

Polk Power Partners, L.P.
Mulberry Cogeneration

PROPOSED Permit No.: 1050217-001-AV
Facility ID No.: 1050217

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**
-002 Secondary Boiler

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

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			
NOx	natural gas	8760	0.1 % by weight	18.3	80.0				III.B.4.	
NOx	No. 2 Oil fired in CT	720		23.4	8.4				III.B.5	
SO2	No. 2 Oil fired in CT	720							III.B.6.	
CO	natural gas	8760			12.6	55.2				III.B.7.
CO	No. 2 Oil fired in CT	720			13.4	4.8				III.B.8.

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

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Table 2-1, Summary of Compliance Requirements

Polk Power Partners, L.P.
Mulberry Cogeneration Facility

PROPOSED Permit No.: 1050217-001-AV
Facility ID No.: 1050217

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
-001	Combustion Turbine with HRSG
-002	Secondary Boiler

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS **	See permit condition(s)
CO	Natural gas and No. 2 Oil	EPA Method 10	annual	26-Aug	1 hour		III.C.12.
SO2	Natural gas	ASTM D 1072-80, D 3031-81, D 4084-82 or D 3246-81***	see custom fuel monitoring schedule		not applicable		III.A.18.; A.22. and C.12.
	No. 2 Oil	ASTM D 2880-71***	From bulk storage: after each shipment no bulk storage: daily		not applicable not applicable		III.A.18., C.12.
VE	Natural gas and No. 2 Oil	EPA Method 9	annual	26-Aug			III.C.12.
VOC	No.2 Oil	EPA Method 25A	annual	26-Aug			III.A.20.

Notes:

- * The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.
- **CMS [=] continuous monitoring system
- *** The latest edition of the ASTM methods may be used.

electronic file name: 10502172.xls

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 <i>Mulberry Cogeneration Facility</i>	State <i>FL</i>	ORIS Code <i>54426</i>
--	-----------------	------------------------

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	b	c	d	e
Boiler ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	Repowering Plan	New Units Commence Operation Date	New Units Monitor Certification Deadline
01	Yes	No	8/10/94	1/1/96
02	Yes	No	8/10/94	1/1/96
	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)
Orange Cogeneration Facility

Standard Requirements

Permit 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)
Orange Cogeneration Facility

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.

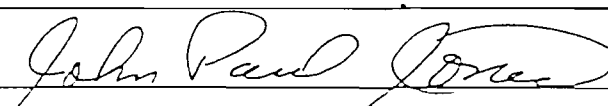
- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject 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	John Paul Jones	
Signature		Date 12/27/95

STEP 5 (optional)
Enter the source AIRS
and FINDS identification
numbers, if known

AIRS
FINDS

J.C.C. M



CSW Energy, Inc.
Operations

A Central and South West Company

Mulberry Cogen
P.O. Box 824 • 3600 Hwy. 555
Bartow, FL 33831
941-533-9073 • Fax 941-533-4092

JAN 10 1996

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

January 8, 1997

U. S. Environmental Protection Agency
Acid Rain Program (6204J)
Attention: Designated Representative
401 M Street, SW
Washington, D.C. 20460

Re: CSW Energy - Mulberry Cogeneration Facility
ORIS Code: 54426

Dear Sir or Madam:

Pursuant to the requirements of 40 CFR 72.24, enclosed please find an original and three (3) copies of Certificate of Representation (revised) for the above-referenced facility. If you have any questions or additional information is required, please contact me at (941) 533-9073.

Sincerely,

Dennis J. Oehring
Plant Manager

/pcp
Enclosure

xc:: Florida Department of Environmental
Protection (w/ Enclosure)
CERTIFIED MAIL/RETURN RECEIPT REQUESTED

Wade Smith, Polk Power Partners
(w/ Enclosure)

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-96



Certificate of Representation

Page 1

For more information, see instructions and refer to 40 CFR 71.24

This submission is: New Revised

STEP 1

Identify the source by plant name, State, and ORIS code from NADES

Plant Name	Mulberry Cogeneration Facility	Florida State	54426 ORIS Code
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STEP 2

Enter requested information for the designated representative

Name	Dennis J. Oehring		
Address	3600 Highway 555 Bartow, Florida 33830		
Phone Number	(941) 533-9073	Fax Number	(941) 533-4092

STEP 3

Enter requested information for the alternate designated representative (optional)

Name	Donald Walters		
Address	3600 Highway 555 Bartow, Florida 33830		
Phone Number	(941) 533-9073	Fax Number	(941) 533-4092

STEP 4

Complete Step 5, read the certifications and sign and date

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.

The agreement by which I was selected as the alternate designated representative 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.

Mulberry Cogeneration Facility
Plant Name (from Step 1)

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.

Signature (designated representative) <i>Donald Waters</i>	Date 1-8-97
Signature (alternate) <i>Donald Waters</i>	Date 1-8-97

STEP 5

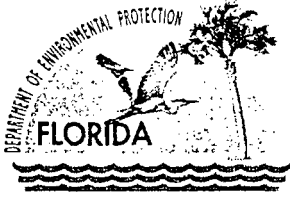
Provide the name of every owner and operator of the source and each affected unit at the source. Identify the units they own and/or operate by boiler ID# from NADES. For owners only, identify each state or local utility regulatory authority with jurisdiction over each owner

Name Polk Power Partners L.P.						<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID# 1	ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities							

Name CSW Energy, Inc.						<input type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
ID# 1	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							



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Mr. Allan Wade Smith
General Manager
Polk Power G.P., Inc.
1125 US 98 South, Suite 100
Lakeland, FL 33801

ORDER EXTENDING PERMIT EXPIRATION DATE Mulberry Cogeneration Facility, Facility ID No.: 1050217

Section 403.0872(2)(b), Florida Statutes (F.S.), specifies that any facility which submits to the Department of Environmental Protection (Department) a timely and complete application for a Title V permit "is entitled to operate in compliance with its existing air permit pending the conclusion of proceedings associated with its application."

Section 403.0872(6), F.S., provides that a proposed Title V permit which is not objected to by the United States Environmental Protection Agency (EPA) "must become final no later than fifty-five (55) days after the date on which the proposed permit was mailed" to the EPA.

Pursuant to the Federal Acid Rain Program as defined in rule 62-210.200, Florida Administrative Code (F.A.C.), all Acid Rain permitting must become effective on January 1 of a given year.

This facility which will be permitted pursuant to section 403.0872, F.S., (Title V permit) will be required to have a permit effective date subsequent to the final processing date of the facility's Title V permit.

To prevent misunderstanding and to assure that the above identified facility continues to comply with existing permit terms and conditions until its Title V permit becomes effective, it is necessary to extend the expiration date(s) of its existing valid permit(s) until the effective date of its Title V permit. Therefore, under the authority granted to the Department by section 403.061(8), F.S., **IT IS ORDERED:**

1. The expiration date(s) of the existing valid permit(s) under which the above identified facility is currently operating is (are) hereby extended until the effective date of its permit issued pursuant to section 403.0872, F.S., (Title V permit);
2. The facility shall comply with all terms and conditions of its existing valid permit(s) until the effective date of its Title V permit;
3. The facility will continue to comply with the requirements of Chapter 62-214, F.A.C., and the Federal Acid Rain Program, as defined in rule 62-210.200, F.A.C., pending final issuance of its Title V permit.

PETITION FOR ADMINISTRATIVE REVIEW

The Department will take the action described in this Order unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 of the Florida Statutes (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 Department's proposed decision may petition for an administrative hearing in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Petitions must be filed within 21 days of receipt of this Order. 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 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 of the Florida Statutes, 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 Department File Number, and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department'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 Department's action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department'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 Department 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 Department's final action may be different from the position taken by it in this Order. Persons whose substantial interests will be affected by any such final decision of the Department 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 for a variance from or waiver of the requirements of particular rules, on certain conditions, under section 120.542 of the Florida Statutes. 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, 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) of the Florida Statutes, 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 EPA 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.

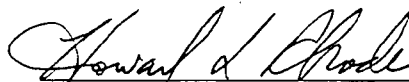
This Order constitutes final agency action unless a petition is filed in accordance with the above paragraphs.

RIGHT TO APPEAL

Any party to this Order has the right to seek judicial review of the Order pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, 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 30 days from the date the Notice of Agency Action is filed with the Clerk of the Department.

DONE AND ORDERED this 16 day of Sept. 1997 in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



HOWARD L. RHODES, Director
Division of Air Resources Management
Twin Towers Office Building
Mail Station 5500
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
850/488-0114

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this order and all copies were sent by certified mail before the close of business on 10/7/97 to the person(s) listed:

Dennis J. Oehring, DR
Bill Thomas, SWD

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. Fontwell 10/7/97
(Clerk) (Date)



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

January 24, 1997

CERTIFIED MAIL - Return Receipt Requested



Mr. Allan Wade Smith
General Manager
Polk Power G.P., Inc
1125 U.S. 98 South, Suite 100
Lakeland, FL 33801

RE: Request for Additional Information Regarding Initial Title V Permit Application
File No. 1050217-001-AV
Mulberry Cogeneration Facility, Polk County

Dear Mr. Smith:

Your initial Title V permit application for the Mulberry Cogeneration Facility was "timely and complete" for purposes of the initial Title V application submission (see Rules 62-213.420(1)(a)1. and (b)2., F.A.C.).

However, in order to continue processing your permit application, the Department will need the additional information below pursuant to Rule 62-213.420(1)(b)3., F.A.C. and Rule 62-4.070(1), F.A.C. The additional information requested is organized by topic. Should your response to any of the items below require new calculations, please submit the new calculation, assumptions, reference material and appropriate revised pages of the application form.

Combustion Turbine (Emissions Unit 1)

- ✓ 1. Please explain how 946 MMBtu per SCC Unit was obtained for field 9 under Segment (Process/Fuel) Information.
- ✓ 2. Under Section G, Emissions Unit Pollutants, the only control device listed is "024", burner design. According to the BACT determination, duct burner and water injection

Mr. Allan Wade Smith
January 24, 1997
Page 2

would be the methods used to control NO_x. Please explain why water injection, (code 028) was not included and submit the appropriate information.

3. For carbon monoxide (CO) under Section H, Emissions Unit Pollutant Detail Information, the emission factor listed in field 6 is 35 ppmvd. However, permit Nos. PSD-FL-187/AC53-211670 lists 25 ppmvd as the limitation through 12/31/97 (see Specific Condition No. 2, Note (a)). Please explain how 35 ppmvd was obtained. If this is an error, please submit the revised appropriate application pages.
4. Please provide SO₂ calculations for field 3 (Potential Emissions) under Section H, and field 4 (Equivalent Allowable Emissions) for sections A and B under Allowable Emissions.
5. According to Specific Condition 6 of permits PSD-FL-187/AC53-211670, the flow rates of natural gas, fuel oil and water injection to the cogeneration turbine along with the power output of the generators are required to be metered and continuously recorded. Nothing under Section J (Continuous Monitor Information) indicates that the flows for natural gas, fuel oil, water injection and power output from the generators are continuously metered and recorded. Please submit the appropriate information.

Secondary Boiler (Emissions Unit 2)

6. Please provide SO₂ calculations for field 3 (Potential Emissions) under Section H, and field 4 (Equivalent Allowable Emissions) for sections A and B under Allowable Emissions.

Exempt, Unregulated, and Trivial Emissions Units and/or Activities

- go over in detail*
7. Currently, in order for an emissions unit and/activity to be 'exempt' in the Title V permit, the emissions unit and/or activity cannot exceed one or more of the emissions thresholds or have a unit-specific requirement (see Rule 62-213.430(6), F.A.C.). Also, the Department has issued guidance on emissions units and/or activities that are considered 'trivial' (see enclosed DARM-PER/V-15, revised March 15, 1996). These emissions units and/or activities no longer need to be included in Title V permit applications. Many of the emissions units and/or activities included in your attachment (MB-E03-B6) fall into this category. 'Trivial' emissions units and/or activities will not be included in the Title V permit. Please update your attachment (MB-E03-B6) and provide sufficient information to classify the emissions units and/or activities into two new categories - those that are 'exempt' and those that are 'unregulated.'

Mr. Allan Wade Smith
January 24, 1997
Page 3

To properly update the attachment (MB-E03-B6) you need to consider the requirements of Rule 62-213.430(6), F.A.C. If the answer to any of these questions is yes, an emissions unit and/or activity cannot be 'exempt.'

- (1) Do any of the units or activities have a unit-specific applicable requirement?
- (2) Does each unit emit or have the potential to emit equal to or greater than:
 - 1,000 pounds/year of any hazardous air pollutant (HAP);
 - 2,500 pounds/year of total HAPs; and/or
 - 5 TPY if any other regulated air pollutant, i.e., volatile organic compound (VOC)?

Miscellaneous

8. What is the annual amount of solvents (in gallons) used in the cleaners/degreasers?

2649.78 m³
9. For the distillate fuel oil tank with storage capacity of 700,000 gallons, what kind of storage tank is it (i.e., internal floating roof, external floating roof, etc.)? When was the tank constructed? *subject to subpart Kb CFR 60*

Responsible Official (R.O.) Certification Statement: Rule 62-213.420, F.A.C., requires that all Title V permit applications must be certified by a responsible official. Due to the nature of the information requested above, your response should be certified by the responsible official. Please complete and submit a new R.O. certification statement page from the new long application form DEP form No. 62-210.900, effective March 21, 1996 (enclosed).

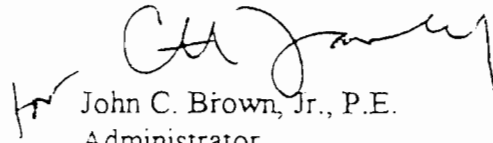
Professional Engineer (P.E.) Certification Statement: Rule 62-4.050(3), F.A.C., requires that all applications for a Department permit must be certified by a professional engineer registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. As a result, your response above should be certified by a professional engineer registered in the State of Florida. Please complete and submit a new P.E. certification statement page from the new long application form, DEP Form No. 62-210.900, effective March 21, 1996 (enclosed).

The Department must receive a response from you within 90 (ninety) days of receipt of this letter, unless you (the applicant) request additional time under Rule 62-213.420(1)(b)6., F.A.C. A copy of your response should be sent to Mr. Bill Thomas at the FDEP Southwest District Office, 3804 Coconut Palm Drive, Tampa, FL 33619-8218.

Mr. Allan Wade Smith
January 24, 1997
Page 4

If you should have any questions, please call Lennon Anderson or me at (904)
488-1344.

Sincerely,


John C. Brown, Jr., P.E.
Administrator
Title V Section

JCB/la/ss

Enclosures

cc: Kennard F. Kosky, P.E., KBN
Bill Thomas, SWD
John Paul Jones, CSW Energy

POLK POWER GP II, INC 1125 US HIGHWAY 98 SOUTH SUITE 100, LAKELAND, FL 33801

FAX

Date: 6/26/97

Number of pages including cover sheet: 4

To:

Mr. Lennon Anderson
FDEP

Phone: 813-904-488-1344

Fax phone: 1-850-922-6979

CC:

From: WADE SMITH

POLK POWER

Phone: 941-682-6338

Fax phone: 941-683-8257

REMARKS: Urgent For your review Reply ASAP Please comment

Dear Lennon,

I have attached a letter from Mr. Dennis Oehring to the US EPA notifying them of the Designated Representative for the Mulberry Cogeneration Facility. The FDEP was copied on the letter. Please call me if you have any questions.

Sincerely,

Wade Smith



CSW Energy, Inc.
Operations

A Central and South West Company

Mulberry Cogen
P.O. Box 824 • 3600 Hwy. 555
Bartow, FL 33831
941-533-9073 • Fax 941-533-4092

JAN 10 1996

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

January 8, 1997

U. S. Environmental Protection Agency
Acid Rain Program (6204J)
Attention: Designated Representative
401 M Street, SW
Washington, D.C. 20460

Re: CSW Energy - Mulberry Cogeneration Facility
ORIS Code: 54426

Dear Sir or Madam:

Pursuant to the requirements of 40 CFR 72.24, enclosed please find an original and three (3) copies of Certificate of Representation (revised) for the above-referenced facility. If you have any questions or additional information is required, please contact me at (941) 533-9073.

Sincerely,

A handwritten signature in cursive script that reads "Dennis J. Oehring".

Dennis J. Oehring
Plant Manager

/pcp
Enclosure

xc:: Florida Department of Environmental
Protection (w/ Enclosure)
CERTIFIED MAIL/RETURN RECEIPT REQUESTED

Wade Smith, Polk Power Partners
(w/ Enclosure)

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-85



Certificate of Representation

Page 1

For more information, see instructions and refer to 40 CFR 72.24

This submission is: New Revised

STEP 1
Identify the source by plant name, State, and ORIS code from NADB

Plant Name	Mulberry Cogeneration Facility	Florida State	54426 ORIS Code
------------	--------------------------------	------------------	--------------------

STEP 2
Enter requested information for the designated representative

Name	Dennis J. Oehring		
Address	3600 Highway 555 Bartow, Florida 33830		
Phone Number (941)	533-9073	Fax Number (941)	533-4092

STEP 3
Enter requested information for the alternate designated representative (optional)

Name	Donald Walters		
Address	3600 Highway 555 Bartow, Florida 33830		
Phone Number (941)	533-9073	Fax Number (941)	533-4092

STEP 4
Complete Step 5, read the certifications and sign and date

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.

The agreement by which I was selected as the alternate designated representative 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.

Mulberry Cogeneration Facility
Plant Name (from Step 1)

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.

Signature (designated representative) <i>Dennis A. O'Leary</i>	Date 1-8-97
Signature (alternate) <i>Donald Walter</i>	Date 1-8-97

STEP 5
Provide the name of every owner and operator of the source and each affected unit at the source. Identify the units they own and/or operate by boiler ID# from NADB. For owners only, identify each state or local utility regulatory authority with jurisdiction over each owner

Name Polk Power Partners L.P.						<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID# 1	ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities							

Name CSW Energy, Inc.						<input type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
ID# 1	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							

July 25, 1997

Mr. Scott M. Sheplak, P.E.
Bureau of Air Regulation
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RECEIVED

AUG 04 1997

BUREAU OF
AIR REGULATION

Re: DRAFT Title V Permit No.: 1050217-001-AV
Mulberry Cogeneration Facility

Dear Mr. Sheplak:

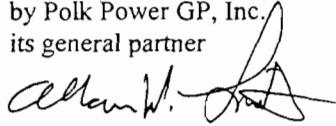
I am writing as a follow-up to a conversation I had with Mr. Lennon Anderson of your office earlier this week. Mr. Anderson and I discussed several errors in Table 1-1 of the Draft Title V Air Operating Permit for the Mulberry Cogeneration Facility. I have listed the comments that I provided to Mr. Anderson, as well as some additional comments, below:

1. Section III.C.12 should include "VOC: EPA Method 25A."
2. Table 1-1, page 2 of 2 has some typographical errors. In the column titled "Standrad(s)" the standards for NO_x, VOC and CO should be "@ 15% O₂," the table currently reads "@ 15." In addition, the limit for NO_x while firing natural gas should be 15 ppmvd @ 15 % O₂, and while firing No. 2 Oil should be 42 ppmvd @ 15 % O₂. The limit for VOC should be 10 ppmvd @ 15 % O₂. It appears that a number of the errors listed above could be due to the column width being too narrow to accommodate all of the text.
3. Table 1-1, page 2 of 2 cites the incorrect permit condition in the "See permit condition(s)" column. These citations appear to be numbered incorrectly. For example, the reference to Section III.A.5. should be to A.6.
4. Table 2-1 in the "Testing Time Frequency" column for SO₂ while firing natural gas references the No. 2 Oil schedule. It should reference the custom fuel monitoring plan or state twice per year, which is the current testing frequency. Also, under the "See permit condition(s)" column, the reference should be to III.A.18 and 25, not III.A.13.
5. Table 2-1 references III.A.13., in the "See permit condition(s)" column for SO₂ when firing No. 2 Oil. The reference should be to III.A.19.
6. Table 2-1 references III.A.16. in the "See permit condition(s)" column for VOC. The reference should be to III.A.21.
7. Table 2-1 references III.C.13 in the "See permit condition(s)" column for all but one row. The reference should be to III.C.12.
8. Table 2-1 indicates page 1 of 2. There was not a page 2 of 2 included in the packet I received.
9. All of the permit limits appear to be consistent with the limits which are scheduled to take effect in 1998 under the construction air permit. If this Draft Title V air permit becomes effective prior to 1998 the 1997 emissions limits should be included.

Mr. Scott Sheplak
July 25, 1997
Page Two

I hope these comments will help you in drafting the Final Title V Air Operating Permit for the Mulberry Cogeneration Facility. Please call me at 941-682-6338 with any questions or if you want to discuss these comments.

Sincerely,
Polk Power Partners, L.P.
by Polk Power GP, Inc.
its general partner



Allan Wade Smith
General Manager

cc: Dennis Oehring - CSWE Operations



Lennon FYI
Scott
7/17

July 17, 1997

RECEIVED

JUL 17 1997

BUREAU OF
AIR REGULATION

Mr. Scott M. Sheplak, P.E.
Bureau of Air Regulation
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Draft Title V Permit No.: 1050217-001-AV
Mulberry Cogeneration Facility

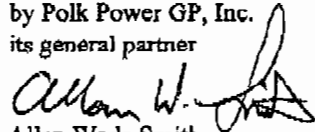
Dear Mr. Sheplak:

I have enclosed an affidavit from The Polk County Democrat showing that the PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT for the Mulberry Cogeneration Facility located near Bartow, Florida was published in their paper on Thursday July 10, 1997.

Since we did not receive the affidavit until today, I am sending a copy of the affidavit and the public notice via facsimile to your office and sending the original via overnight carrier.

If you have any questions please call me at 941-682-6338.

Sincerely,
Polk Power Partners, L.P.
by Polk Power GP, Inc.
its general partner


Allan Wade Smith
General Manager

enclosure

BEST AVAILABLE COPY

AFFIDAVIT OF PUBLICATION
The Polk County Democrat

Published Semi-Weekly
Bartow, Polk County, Florida

Case No. _____

STATE OF FLORIDA
COUNTY OF POLK

Before the undersigned authority personally appeared _____

Mary G. Frisbie

Treasurer

of The Polk County Democrat, a newspaper

published at Bartow, Polk County, Florida; that the attached copy of advertisement, being a Public Notice

in the matter of Intent to Issue Air Operation Permit #1050217-001-AV

in the _____ Court, was published in said newspaper in the issues of _____

July 10, 1997

Affiant further says that The Polk County Democrat is a newspaper published at Bartow, in said Polk County, Florida, and that said newspaper has heretofore been continuously published in said Polk County, Florida, each Monday and Thursday, and has been entered as second class matter at the post office in Bartow, in said Polk County, Florida, for a period of one year next preceeding the first publication of the attached copy of advertisement; and affiant further says that he 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 said newspaper.

Signed Mary G. Frisbie

Sworn to and subscribed before me this _____ day of _____, 19____
9th July 97

by _____

Mary G. Frisbie

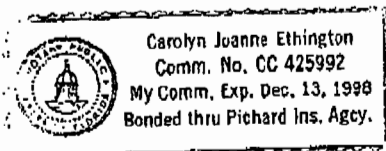
who is personally known to me.

[Signature of Notary Public]

Carolyn Joanne Ethington
(Printed or typed name of Notary Public)

Notary Public

My Commission Expires:



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
AIR OPERATION PERMIT
The Department of Environmental Protection (the authority) gives notice of its intent to issue an Air Operation Permit to Polk Power Partners, L.P. for the Mulberry Cogeneration Facility located at 2900 County Road 3855, Bartow, Polk County. The applicant's name and address are Polk Power Partners, L.P., 1115 U.S. 90 South, Suite 100, Lakeland, FL 33801.
The permitting authority will issue the Title V PROPOSED Permit, and attached Title V FINAL Permit, in accordance with the provisions of 61A03.001 DRAFT Permit, unless a response is received in accordance with the following procedure results in a different decision on significant findings of terms and conditions.
The permitting authority will accept written comments concerning the proposed Title V DRAFT Permit, and take 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, 2000 Bay Shore Road, Mail Station 2200, Tallahassee, Florida 32304. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change to the 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 unless a timely petition for an administrative hearing is made pursuant to Sections 120.569 and 120.570 Florida Statutes (F.S.). If a party requests mediation as an alternative remedy under Section 120.573, F.S., before the deadline for filing a petition for an administrative hearing, the hearing will be held in accordance with Sections 120.569 and 120.570.
If 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 120.570.
The petition must contain the information set forth below and must be filed in the Office of General Counsel, the Department of Environmental Protection, 2000 Bay Shore Road, Tallahassee, Florida 32304. Telephone: 904/488-9730. Fax: 904/488-9731.

BEST AVAILABLE COPY

phone: 904/488-9730; Fax:

**PUBLIC NOTICE
OF INTENT TO ISSUE
TITLE V
AIR OPERATION
PERMIT**

STATE OF FLORIDA
DEPARTMENT
OF ENVIRONMENTAL
PROTECTION
Title V DRAFT Permit No.:
1050217-001-AV
Mulberry Cogeneration
Polk County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit to Polk Power Partners, L.P. for the Mulberry Cogeneration Facility located at 3800 County Road 555, Bartow, Polk County. The applicant's name and address are: Polk Power Partners, L.P., 1125 US 98 South, Suite 100, Lakeland, FL 33801.

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 #5305, 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 unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, Florida Statutes (F.S.), or a party requests mediation as an alternative remedy under Section 120.573, F.S., before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing of mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediation.

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 (Tele-

phone: 904/487-4938). 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;

(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.

A person whose substantial interests are affected by the permitting authority's proposed permitting decision, may elect to pursue mediation by asking

all parties to the proceeding to agree to such mediation and by filing with the Department of Environmental Protection a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, FL 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information:

(a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any;

(b) A statement of the preliminary agency action;

(c) A statement of the relief sought; and,

(d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following:

(a) The names, addresses, and telephone numbers of any persons who may attend the mediation;

(b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;

(c) The agreed allocation of the costs and fees associated with the mediation;

(d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;

(e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;

(f) The name of each party's representative who shall have authority to settle or recommend settlement; and,

(g) The signatures of all parties or their authorized representatives.

As provided in Section 120.573, F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57, F.S., for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within 60 (sixty) days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department of Environmental Protection must enter an order incorporating

the agreement of the parties in accordance with the provisions of Section 403.0872(7), F.S. If mediation terminates without settlement of the dispute, the permitting authority shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57, F.S., remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

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 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 410 M. Street, SW, Washington, D.C. 20460.

A complete project file is available for public inspection during the 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: 904/488-1344, Fax: 904/922-6979; Affected District/Local Program: Southwest District 3804 Coconut Palm Drive, Tampa, FL 33619-8218, Telephone: 813/744-6100, Fax: 813/744-6084.

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 904/488-1344, for additional information. July 10, 1997-1009

POLK POWER GP II, INC. 1125 US HIGHWAY 98 SOUTH SUITE 100 LAKELAND, FL 33801

FAX

Lennox,

Will need to address it
↑ PROPOSED stage.

Date: 7/31/97

Number of pages including cover sheet: 3

To:

Mr. Scott Sheplak, P.E.

Bureau of Air Regulation

FDEP

Scott
8/11

Phone:

Fax phone: 904-922-6979

CC:

From: WADE SMITH

POLK POWER

Phone: 941-682-6338

Fax phone: 941-683-8257

REMARKS: Urgent For your review Reply ASAP Please comment

Mr. Sheplak,

The original copy of this letter was mailed to you on July 25, 1997, via the U.S. Postal Service - return receipt requested. Due to a mix-up with the postal service the letter was returned to my office today. Our local post office failed to inform us of a rate change for "return receipt request" services when the letter was mailed. The original is being mail again today. I hope this has not caused any inconvenience for you. Please call me with any questions.

Sincerely,

Wade Smith

POLK POWER

checked by 063097

July 25, 1997

Mr. Scott M. Sheplak, P.E.
Bureau of Air Regulation
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: DRAFT Title V Permit No.: 1050217-001-AV
Mulberry Cogeneration Facility

Dear Mr. Sheplak:

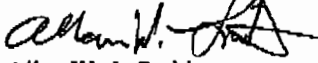
I am writing as a follow-up to a conversation I had with Mr. Lennon Anderson of your office earlier this week. Mr. Anderson and I discussed several errors in Table 1-1 of the Draft Title V Air Operating Permit for the Mulberry Cogeneration Facility. I have listed the comments that I provided to Mr. Anderson, as well as some additional comments, below:

1. Section III.C.12 should include "VOC: EPA Method 25A." *No; there is no VOC emission limitation for the secondary boiler*
2. Table 1-1, page 2 of 2 has some typographical errors. In the column titled "Standrad(s)" the standards for NO_x, VOC and CO should be "@ 15% O₂," the table currently reads "@ 15." In addition, the limit for NO_x while firing natural gas should be 15 ppmvd @ 15 % O₂, and while firing No. 2 Oil should be 42 ppmvd @ 15 % O₂. The limit for VOC should be 10 ppmvd @ 15 % O₂. It appears that a number of the errors listed above could be due to the column width being too narrow to accommodate all of the text.
3. Table 1-1, page 2 of 2 cites the incorrect permit condition in the "See permit condition(s)" column. These citations appear to be numbered incorrectly. For example, the reference to Section III.A.5. should be to A.6.
- * 4. Table 2-1 in the "Testing Time Frequency" column for SO₂ while firing natural gas references the No. 2 Oil schedule. It should reference the custom fuel monitoring plan or state twice per year, which is the current testing frequency. Also, under the "See permit condition(s)" column, the reference should be to III.A.18 and 25, not III.A.13.
5. Table 2-1 references III.A.13., in the "See permit condition(s)" column for SO₂ when firing No. 2 Oil. The reference should be to III.A.19.
6. Table 2-1 references III.A.16. in the "See permit condition(s)" column for VOC. The reference should be to III.A.21.
7. Table 2-1 references III.C.13 in the "See permit condition(s)" column for all but one row. The reference should be to III.C.12.
8. *only 1 of 1 was sent* Table 2-1 indicates page 1 of 2. There was not a page 2 of 2 included in the packet I received. ?
9. All of the permit limits appear to be consistent with the limits which are scheduled to take effect in 1998 under the construction air permit. If this Draft Title V air permit becomes effective prior to 1998 the 1997 emissions limits should be included.

Mr. Scott Sheplak
July 25, 1997
Page Two

I hope these comments will help you in drafting the Final Title V Air Operating Permit for the Mulberry Cogeneration Facility. Please call me at 941-682-6338 with any questions or if you want to discuss these comments.

Sincerely,
Polk Power Partners, L.P.
by Polk Power GP, Inc.
its general partner



Allan Wade Smith
General Manager

cc: Dennis Oehring - CSWE Operations

RECEIVED

April 21, 1997

APR 24 1997

BUREAU OF
AIR REGULATION

Mr. Scott M. Sheplak, P.E.
Administrator, Title V Section
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Additional Information Regarding Initial Title V Permit Application
File No. 1050217-001-AV
Mulberry Cogeneration Facility, Polk County

Dear Mr. Sheplak:

In response to your letter of January 24, 1997, the following information has been prepared that addresses the specific comments made regarding the initial Title V application for this project.

Combustion Turbine (Emission Unit 1)

1. The heat content for natural gas that was used to develop fuel usage and emission rates for this project was 950 Btu/cf. Based on the information requested in field 9 under Segment Information, the heat content should have been listed as 950 MMBtu per SCC instead of the 946 shown in the application. The heat content of 950 Btu/cf is consistent with the information provided in the air construction permit application for the project.
2. Comment noted. Segment G, Emissions Unit Pollutants, has been revised to include water injection (code 28) as a method to control NOx emissions when firing oil.
3. The carbon monoxide (CO) emission factor of 35 ppmvd is correct when firing distillate fuel oil (25 ppmvd refers to the emission limit when firing natural gas). Therefore, no revisions to the application's pages are warranted.
4. The SO₂ emission calculations for field 3 (Potential Emissions) under Section H, and field 4 (Equivalent Allowable Emissions) for sections A and B under Allowable Emissions are provided in the revised pages to this section.
5. The appropriate information regarding the continuous monitoring and recording of the flow rates of natural gas, fuel oil and water injection to the cogeneration turbine, and power output of the generators has been included in the revised Section J (Continuous Monitor Information).

Mr. Scott M. Sheplak, P.E.
Page Two
April 21, 1997

Secondary Boiler (Emission Unit 2)

6. The SO₂ emission calculations for field 3 (Potential Emissions) under Section H, and field 4 (Equivalent Allowable Emissions) for sections A and B under Allowable Emissions are provided in the revised pages to this section.

Exempt, Unregulated, and Trivial Emissions Units and/or Activities

7. An updated attachment (MB-E03-B6R) is provided that classifies the emission units and/or activities into two categories - those that are "exempt" and those that are "unregulated". Trivial sources are not included in the list.

Miscellaneous

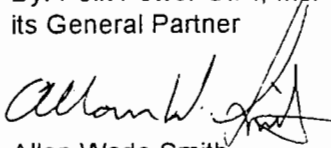
8. The facility uses non-halogenated solvents for cleaners and degreasers.
9. The distillate fuel oil tank is a fixed roof and was constructed in 1994.

Also, we have attached additional revised pages to the application to indicate that:

1. The combustion turbine has a Unit ID no.:
2. There is a change in facility contact name;
3. Hydrazine and hydrochloric acid are not used at the facility and were eliminated from the fugitive emission list; and
4. The secondary boiler has dry-low NO_x burner design (control device code 024).

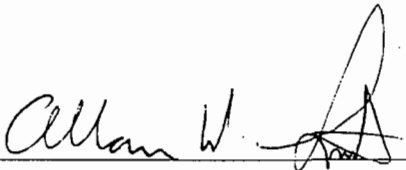
If you have any questions or need additional information, please give me a call at (941) 682-6338.

Sincerely,
Polk Power Partners, L.P.
By: Polk Power G.P., Inc.
its General Partner


Allan Wade Smith
General Manager

cc: W. Thomas, FDEP, SWD
K. Kosky, Golder
G. Johnson, CSW Energy

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: Allan Wade Smith, General Manager
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Polk Power G.P., Inc. Street Address: 1125 US 98 South, Suite 100 City: Lakeland State: FL Zip Code: 33801
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (941) 682-6338 Fax: (941) 683-8257
4. Owner/Authorized Representative or Responsible Official Statement: <i>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 unit.</i>  Signature _____ Date <u>4/22/97</u>

* Attach letter of authorization if not currently on file.

Scope of Application

This Application for Air Permit addresses the following emissions unit(s) at the facility. An Emissions Unit Information Section (a Section III of the form) must be included for each emissions unit listed.

Emissions Unit ID **Description of Emissions Unit** **Permit Type**

Unit #	Unit ID	Description of Emissions Unit
1R	1	Combustion Turbine (CT) with HRSG
2R		Secondary Heating Boiler
3		Facility-wide Fugitive/De Minimis Emissions

See individual Emissions Unit (EU) sections for more detailed descriptions.
Multiple EU IDs indicated with an asterisk (*). Regulated EU indicated with an "R".

4. Professional Engineer's Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [] if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [] if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

Thomas F. Kirby

Signature
(seal)

TK

8 April 1997

Date

* Attach any exception to certification statement.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Zone: 17 East (km): 413.6 North (km): 3080.6			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): 27 / 50 / 56 Longitude: (DD/MM/SS): 81 / 52 / 39			
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code: 49	6. Facility SIC(s): 4911
7. Facility Comment (limit to 500 characters): <p>Facility consists of one combustion turbine (CT) with gases that exhaust through primary Heat Recovery Steam Generator (HRSG) stack and a portion of gases that can exhaust through secondary boiler stack. The CT is natural gas and oil-fired through Dec. 31, 1997. After Dec. 31, 1997, fuel oil can be used as backup fuel (720 hr/yr). Secondary boiler (duct burner) fires secondary HRSG with gases that exhaust through separate stack. Boiler fired by natural gas only.</p>			

Facility Contact

1. Name and Title of Facility Contact: Dennis J. Oehring, Plant Manager			
2. Facility Contact Mailing Address: Organization/Firm: CSW Energy, Inc. Street Address: 3600 Hwy 555 City: Bartow State: FL Zip Code: 33830-0824			
3. Facility Contact Telephone Numbers: Telephone: (941) 533-9073 Fax: (941) 533-4092			

ATTACHMENT MB-FI-E5

FUGITIVE EMISSIONS IDENTIFICATION

Many fugitive emissions at the plant site have been classified as "trivial activities" (as presented in EPA's memorandum, "White Paper for Streamlined Development of Part 70 Permit Applications," July 10, 1995). As a result, these activities are not included as part of this permit application. For example, emissions from general plant maintenance and upkeep activities at the facility would be considered fugitive emissions, but have been judged to be trivial since these activities are not conducted as part of a manufacturing process, not related to the source's primary business activity, and do not otherwise trigger a permit modification.

Fugitive emissions that may result from the operation or activities that are not trivial at the facility are addressed in Emission Unit No. 3. This emission unit contains information on fugitive emissions that occur on a facility-wide basis. A summary of potential fugitive emission sources at the facility is presented in the following sections.

Criteria and Precursor Air Pollutants

Mulberry Cogeneration has not identified fugitive emission of sulfur dioxide, nitrogen oxides, carbon monoxide, or lead compounds which would exceed the thresholds defined in the permit application instructions.

Volatile Organic Compounds (VOCs)

Fugitive emissions of VOCs include those resulting from the use of cleaners and solvents for maintenance and operation.

Fugitive HAPs Emissions

The following hazardous air pollutants are present on the facility property and are potential sources of fugitive HAPs emissions:

- chlorine
- methyl ethyl ketone
- toluene
- xylene

Chlorine - Present in three 1-ton containers and six 150 lb cylinders. Used for water treatment at the facility.

Methyl Ethyl Ketone, Toluene, Xylene - The facility maintains several containers of paint thinner and solvents (which may contain MEK, toluene, or xylene) for use in plant maintenance activities. These containers are kept closed and are stored in weather-tight buildings. These emissions as a whole are addressed in the VOC section (preceding page).

Regulated Toxic or Flammable Substances

The following regulated toxic or flammable substances are present at the Mulberry Cogeneration facility:

- chlorine
- acetylene
- methane (natural gas)

Acetylene - Present on the facility property in 100-lb cylinders which are used for plant maintenance (welding and cutting).

Methane - Is a primary component of natural gas. The facility has a natural gas pipeline which delivers fuel to the generating unit. This fuel delivery system is normally airtight, but does have safety valves which may open if an overpressure condition develops in the gas line.

B. GENERAL EMISSIONS UNIT INFORMATION
 (Regulated and Unregulated Emissions Units)

Emissions Unit Description and Status

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Combustion Turbine (CT) with HRSG		
2. Emissions Unit Identification Number: <input type="checkbox"/> No Corresponding ID <input type="checkbox"/> Unknown 1		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): CT gases exhaust through a Heat Recovery Steam Generator (HRSG). HRSG services steam generator rated at 44 MW and furnishes steam to other facilities. The nameplate rating of the combustion turbine is 82 MW at 59° F. Portion of CT exhaust can be vented through secondary stack along with exhaust from gas-fired secondary boiler.		

Emissions Unit Control Equipment Information

A.

1. Description (limit to 200 characters): Stage Combustion Technology - Dry Low NOx Burners (natural gas-firing)
2. Control Device or Method Code: 24

B.

1. Description (limit to 200 characters): Water injection (oil-firing) - NOx Control
2. Control Device or Method Code: 28

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

F. SEGMENT (PROCESS/FUEL) INFORMATION
(Regulated and Unregulated Emissions Units)

Segment Description and Rate: Segment 1 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Internal Combustion Engines; Electric Generation; Natural Gas Turbine	
2. Source Classification Code (SCC): 2-01-002-01	
3. SCC Units: Million Cubic Feet Burned	
4. Maximum Hourly Rate: 1.013	5. Maximum Annual Rate: 8,877
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit: 950	
10. Segment Comment (limit to 200 characters): Max Hourly Rate = 1.0134 (rounded to 1.013). Max Annual Rate = 8,877.4 (rounded to 8877). Max rate at 20°F. Max percent sulfur: 1 grain/100 cf.	

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
NOX	024	028	EL
CO			EL
VOC			EL
SO2			EL
PM			NS
PM10			NS

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: SO2		
2. Total Percent Efficiency of Control:		%
3. Potential Emissions:	95.1 lb/hour	416.5 tons/year
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions:		
[] 1 [] 2 [] 3 _____ to _____ tons/yr		
6. Emission Factor:		0.1 % S content oil
Reference: See Comment		
7. Emissions Method Code:		
[x] 0 [] 1 [] 2 [] 3 [] 4 [] 5		
8. Calculation of Emissions (limit to 600 characters): <i>New construction gas</i>		
<p>AC Permit Limit SO2 (lb/hr) at 59 °F = 50,043 lb oil/hr x 0.001 lb S/lb oil x 64 MW SO2/32 MW S x 0.95 (SO2 fraction emitted) = 95.1; SO2 (TPY) = 95.1 lb/hr x 8,760 hr/yr x 1 ton/2,000 lb = 416.5 TPY</p>		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):		
<p>Potential emissions based on base load operating conditions at 59 °F for oil-firing through Dec. 31, 1997. Emission Factor Reference: AC Permit Limit-BACT. On 1/1/98, oil-firing limited to 720 hr/yr.</p>		

Emissions Unit Information Section 1 of 3
Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: OTHER		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units: 0.1 %sulfur content		
4. Equivalent Allowable Emissions:	95.1 lb/hour	416.5 tons/year
5. Method of Compliance (limit to 60 characters): Fuel Analysis (sulfur content)		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): Based on oil-firing. AC Permit Limit, AC53-211670, Specific Condition No.2. See poll. detail info., field 8, for emiss calc.		

B.

1. Basis for Allowable Emissions Code: OTHER		
2. Future Effective Date of Allowable Emissions: 1 Jan 1998		
3. Requested Allowable Emissions and Units: 0.1 %sulfur content		
4. Equivalent Allowable Emissions:	95.1 lb/hour	34.2 tons/year
5. Method of Compliance (limit to 60 characters): Fuel Analysis (sulfur content)		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): Based on oil-firing. AC Permit Limit, AC53-211670, Specific Condition No.2,3; tons/yr based on 720 hr fuel use. Emiss. = 95.4 lb/hr x 720 hr/2,000 lb = 34.2 TPY.		

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System Continuous Monitor 1 of 7

1. Parameter Code: EM	2. Pollutant(s): NOx
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Monitor Manufacturer: Rosemount Model Number: 951C Serial Number: 100195	
5. Installation Date: 18 Dec 1995	
6. Performance Specification Test Date: 27 Dec 1995	
7. Continuous Monitor Comment (limit to 200 characters): NSPS (40 CFR60 Subpart GG). System installed in accordance with AC Permit, AC53-211670.	

Continuous Monitoring System Continuous Monitor 2 of 7

1. Parameter Code: EM	2. Pollutant(s): O2
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Monitor Manufacturer: Servomex Model Number: 1400 B 410000210 Serial Number: 1420 B/697	
5. Installation Date: 18 Dec 1995	
6. Performance Specification Test Date: 27 Dec 1995	
7. Continuous Monitor Comment (limit to 200 characters):	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System Continuous Monitor 3 of 7

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [<input checked="" type="checkbox"/>] Other	
4. Monitor Information: Monitor Manufacturer: Rosemount Model Number: 1151 SMART Serial Number: 1462844	
5. Installation Date: 10 Aug 1994	
6. Performance Specification Test Date: 17 Dec 1996	
7. Continuous Monitor Comment (limit to 200 characters): Natural gas flow required by AC Permit. SN for low range; SN, high range - 1549634.	

Continuous Monitoring System Continuous Monitor 4 of 7

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [<input checked="" type="checkbox"/>] Other	
4. Monitor Information: Monitor Manufacturer: Badger Meter, Inc. Model Number: PET 420/2 Serial Number: 15608285	
5. Installation Date: 01 Apr 1996	
6. Performance Specification Test Date: 17 Dec 1996	
7. Continuous Monitor Comment (limit to 200 characters): Fuel oil flow required by AC Permit.	

**J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)**

Continuous Monitoring System Continuous Monitor 5 of 7

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [<input checked="" type="checkbox"/>] Other	
4. Monitor Information: Monitor Manufacturer: Scientific Columbus Model Number: JEM 1 Serial Number: 93111248	
5. Installation Date: 18 Jan 1994	
6. Performance Specification Test Date: 20 Nov 1996	
7. Continuous Monitor Comment (limit to 200 characters): Power output - CT generator required by AC Permit. SN - primary meter; SN, secondary meter - 93111249.	

Continuous Monitoring System Continuous Monitor 6 of 7

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [<input checked="" type="checkbox"/>] Other	
4. Monitor Information: Monitor Manufacturer: Scientific Columbus Model Number: JEM 1 Serial Number: 93111246	
5. Installation Date: 18 Jan 1994	
6. Performance Specification Test Date: 20 Nov 1996	
7. Continuous Monitor Comment (limit to 200 characters): Power output - steam turbine required by AC Permit. SN - primary meter; SN, secondary meter - 93111247.	

J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)

Continuous Monitoring System Continuous Monitor 7 of 7

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [<input checked="" type="checkbox"/>] Other	
4. Monitor Information: Monitor Manufacturer: Hoffer Flow Controls, Inc. Model Number: HTM-12-2-MT6 Serial Number: 49091	
5. Installation Date: 10 Aug 1994	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters): Water injection when burning fuel oil required by AC Permit. Add SN - 49092, 49093, 49094, 49095, and 49096.	

Continuous Monitoring System Continuous Monitor _____ of _____

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [] Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

Emissions Unit Control Equipment Information

A.

1. Description (limit to 200 characters): Dry Low Nox Burners
2. Control Device or Method Code: 24

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C. EMISSIONS UNIT DETAIL INFORMATION
(Regulated Emissions Units Only)

Emissions Unit Details

1. Initial Startup Date:	10 Aug 1994		
2. Long-term Reserve Shutdown Date:			
3. Package Unit:			
Manufacturer:	Foster Wheeler	Model Number:	
4. Generator Nameplate Rating:	MW		
5. Incinerator Information:			
	Dwell Temperature:		°F
	Dwell Time:		seconds
	Incinerator Afterburner Temperature:		°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	99	mmBtu/hr
2. Maximum Incineration Rate:	lbs/hr	tons/day
3. Maximum Process or Throughput Rate:		
4. Maximum Production Rate:		
5. Operating Capacity Comment (limit to 200 characters):	Maximum Design Heat Input Capacity; 0.1042 MMcf/hr and 950 Btu/cf.	

Emissions Unit Operating Schedule

1. Requested Maximum Operating Schedule:		
	24 hours/day	7 days/week
	52 weeks/yr	8,760 hours/yr

**G. EMISSIONS UNIT POLLUTANTS
(Regulated and Unregulated Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
NOX	024		EL
CO			EL
SO2			EL

H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units Only - Emissions Limited Pollutants Only)

Pollutant Detail Information:

1. Pollutant Emitted: SO2		
2. Total Percent Efficiency of Control:		%
3. Potential Emissions:	4.67 lb/hour	20.5 tons/year
4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 _____ to _____ tons/yr		
6. Emission Factor:		0.1 % S content oil
Reference: See Comment		
7. Emissions Method Code: <input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		
8. Calculation of Emissions (limit to 600 characters): AC Permit Limit; lb/hr = [From CT exhaust (0.046 (fraction) x 95.1 lb/hr)] + 1 gr S/100 cf x 104,211 cf/hr x 1 lb/7,000 gr x 2 SO2/1 S = 4.37 + 0.3 = 4.67 lb/hr; TPY = 4.67 lb/hr x 8,760 hr/yr / 2,000 lb/ton = 20.5 TPY		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Potential emis. based on 59F op. conditions at baseload; includes portion of CT exhaust with CT firing oil through 12/31/1997. Max. nat. gas firing rate limited to 4320 hr/yr. Emis. Factor Ref:AC		

Emissions Unit Information Section 2 of 3
Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: OTHER		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units: 0.1 % S content oil		
4. Equivalent Allowable Emissions:	4.67 lb/hour	20.5 tons/year
5. Method of Compliance (limit to 60 characters): Fuel analysis for sulfur content		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): AC Permit Limit, AC53-211670, Specific Condition No.2,3. CT firing oil. See poll. detail info., field 8, for emis. calc.		

B.

1. Basis for Allowable Emissions Code: OTHER		
2. Future Effective Date of Allowable Emissions: 1 Jan 1998		
3. Requested Allowable Emissions and Units: 0.1 % S content oil		
4. Equivalent Allowable Emissions:	4.67 lb/hour	2.9 tons/year
5. Method of Compliance (limit to 60 characters): Fuel analysis for sulfur content		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): AC Permit Limit, AC53-211670, Specific Condition No.2,3. CT firing oil. TPY = [oil-4.37 lb/hr x 720 hr/2,000 lb/ton] + [gas-1.3 TPY] = 2.9		

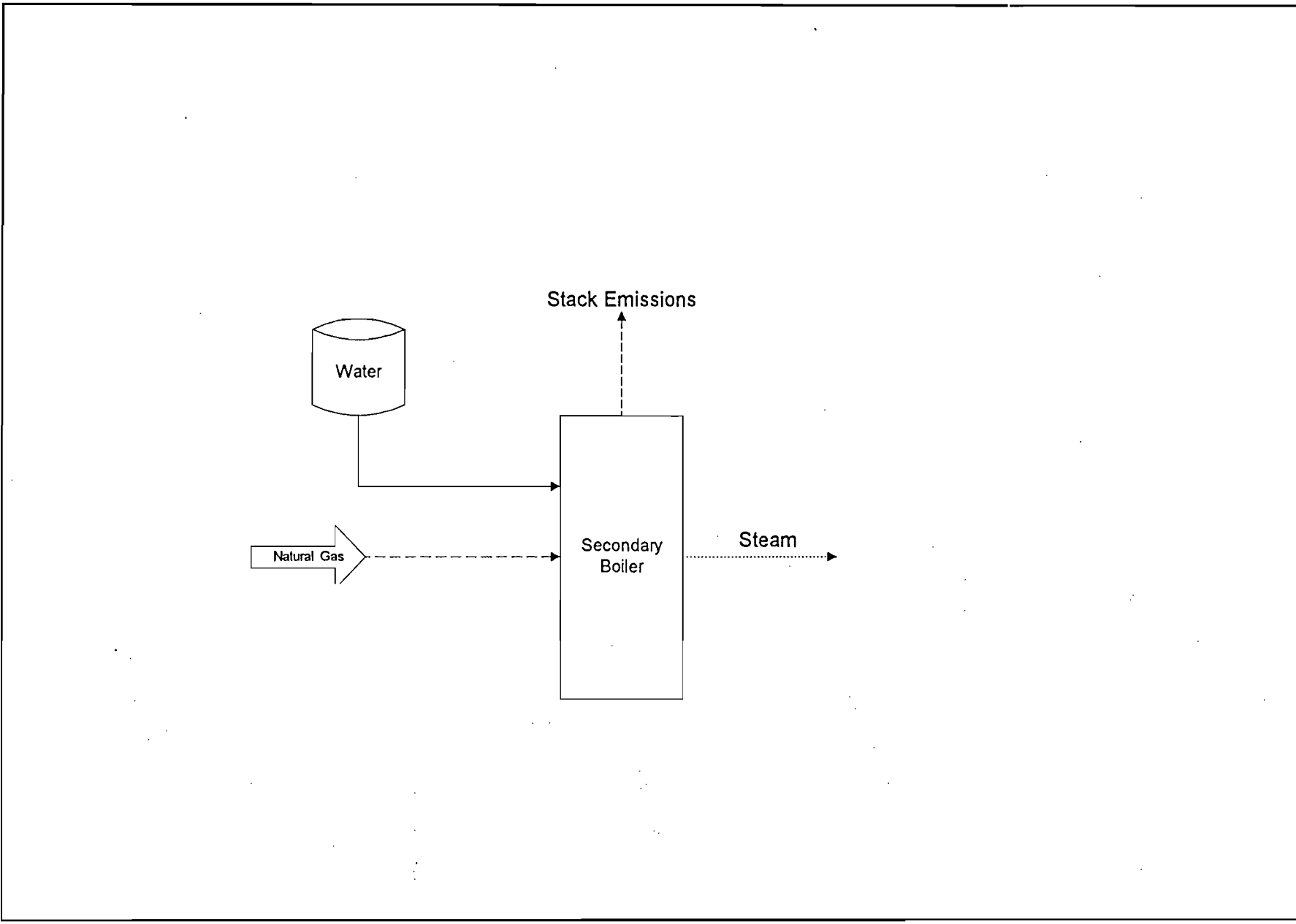
J. CONTINUOUS MONITOR INFORMATION
(Regulated Emissions Units Only)


Continuous Monitoring System Continuous Monitor 1 of 1

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [<input checked="" type="checkbox"/>] Other	
4. Monitor Information: Monitor Manufacturer: Rosemount Model Number: 1151 SMART Serial Number: 1677591	
5. Installation Date: 10 Aug 1994	
6. Performance Specification Test Date: 17 Dec 1996	
7. Continuous Monitor Comment (limit to 200 characters): Natural gas flow required by AC Permit. Add SN - 1677590.	

Continuous Monitoring System Continuous Monitor _____ of _____

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: [] Rule [] Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number:	
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	



<p>Process Flow Legend</p> <p>.....▶ Steam Flow</p> <p>-----▶ Gas Flow</p> <p>————▶ Solid / Liquid Flow</p>	<p>Attachment MB-E02-L1 Process Flow Diagram Mulberry Cogeneration Facility</p>	<p><i>Emission Unit:</i> Secondary Boiler</p> <p><i>Process Area:</i> Overall Plant</p> <p><i>Filename:</i> MBCOGEN.VSD</p> <p><i>Latest Revision Date:</i> 5/26/96 11:17 AM</p>	 <p>Engineering and Applied Sciences, Inc.</p>
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Attachment MB-E03-B6
 General Emissions Unit Information for Unregulated Emissions Unit

Table 1. Mulberry Cogeneration Facility, Unregulated Emissions Unit

Area	Emission Unit Description	Status
Cooling Towers	Main Cooling Tower	UR ER ← provided not chromium-based water treatment
	Inlet Air Cooling Tower	UR TR
	Circulating Water Pumps (4)	UR TR
	Evaporative Condenser Acid Tank (600 gal)	UR T
	<u>Cooling Tower Chemicals</u>	UR TR
	Dispersant Tank (400 gal)	
	Corrosion Inhibitor Tank (400 gal)	
	Cooling Tower Acid Tanks (2 - 600 gal)	
<u>CT/HRSG & Steam Turbine Area</u>		
CTs	Lube Oil Vapor Extractor (Mist Elimination System)	UR TR
	Turbine/Generator lube Oil Vents	UR TR
	Turbine Bearing Oil Vents	UR TR
HRSG	STG Drain Flash Tank	UR TR
	Various Pumps (sumps, condensate, etc.)	UR TR
	Miscellaneous Drains Tank	UR TR
	Boiler Feed Water Pumps	UR TR
ST	Lube Oil Drain Tank (2,000 gal)	UR *
	Lube Oil Tank Storage Tank (2,000 gal)	UR *
	Hydraulic System (90 gal)	UR TR
Fuel Oil System	Fuel Oil Tank (720,000 gal) #2 fuel	UR
	Fuel Oil Transfer Pump	UR TR

subject to 40 CFR 60
 support Kb
 may need permitting

Attachment MB-E03-B6
 General Emissions Unit Information for Unregulated Emissions Unit

Table 1. Mulberry Cogeneration Facility, Unregulated Emissions Unit

Area	Emission Unit Description	Status
<u>Plant Service Building</u>		
Offices/ Administrative		
	Sand Blasting/ Grit Blasting	ER/ TR related to plant maintenance and upkeep
	Flammable Storage Locker (chemicals, solvents, and oils)	UR- TR
<u>Water Treatment Area</u>		
Water Treatment Building		
	Sample Recovery Tank (1,500 gal)	UR- TR
	R O Water Treatment System	UR- TR
	<u>Chemical Day Tanks</u>	
	RO Antiscalant- 100 gal	UR- TR
	Sodium Sulfite - 100 gal	
	R O Chemical Cleaning - 350 gal	
	Anionic Flocculant (15 gal)	
	Caustic Tank (5,109 gal) (50% NaOH)	UR- TR
	Service Water Pressure Tank (1,369 gal)	UR- TR
	Service Water Pumps (2)	UR- TR
	<u>HRSB Boiler Chemical Injection</u>	
	Amine Tank (200 gal)	UR- TR
	Phosphate Tank (200 gal)	UR- TR
Zero Discharge System		
	Brine Blowdown Surge Tank (8,400 gal)	UR- TR
	Crystallizer System	UR/ TR- TR
<u>Water Treatment Outside Area</u>		
	Lime Storage Hopper (2,800 cu ft)	UR- TR
	Soda Ash Storage Hopper (2,800 cu ft)	UR- TR

Attachment MB-E03-B6
 General Emissions Unit Information for Unregulated Emissions Unit

Table 1. Mulberry Cogeneration Facility, Unregulated Emissions Unit

Area	Emission Unit Description	Status
	Fuel Oil Unloading Pump	UR TR
	False Start Drain Tank (2,500 gal)	UR TR
	Fuel Oil Vents	UR
Auxillary Cooling Water System	Auxiliary Cooling Water Exp Tank (1,657 gal)	UR TR
	Aux Cooling Water Pumps (2)	UR TR
	Cooling Water Surge Tank (100 gal)	UR TR

Note: ER= Exempt by Rule 62-210.300(3)(a); TR= Trivial; UR= Unregulated.

July 17, 1997

Mr. Scott M. Sheplak, P.E.
Bureau of Air Regulation
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Draft Title V Permit No.: 1050217-001-AV
Mulberry Cogeneration Facility

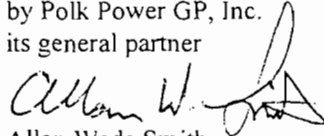
Dear Mr. Sheplak:

I have enclosed an affidavit from The Polk County Democrat showing that the PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT for the Mulberry Cogeneration Facility located near Bartow, Florida was published in their paper on Thursday July 10, 1997.

Since we did not receive the affidavit until today, I am sending a copy of the affidavit and the public notice via facsimile to your office and sending the original via overnight carrier.

If you have any questions please call me at 941-682-6338.

Sincerely,
Polk Power Partners, L.P.
by Polk Power GP, Inc.
its general partner



Allan Wade Smith
General Manager

enclosure

RECEIVED
JUL 18 1997
BUREAU OF
AIR REGULATION

AFFIDAVIT OF PUBLICATION

The Polk County Democrat

Published Semi-Weekly
Bartow, Polk County, Florida

Case No. _____

STATE OF FLORIDA
COUNTY OF POLK

Before the undersigned authority personally appeared _____
Mary G. Frisbie _____, who on oath says that (s)he is
Treasurer _____ of The Polk County Democrat, a newspaper
published at Bartow, Polk County, Florida; that the attached copy of advertisement,
being a Public Notice _____ in the
matter of Intent to Issue Air Operation Permit _____
#1050217-001-AV _____
in the _____ Court, was published in said newspaper in the issues
of _____
July 10, 1997

Affiant further says that The Polk County Democrat is a newspaper published at
Bartow, in said Polk County, Florida, and that said newspaper has heretofore been continu-
ously published in said Polk County, Florida, each Monday and Thursday, and has been
entered as second class matter at the post office in Bartow, in said Polk County, Florida, for a
period of one year next preceeding the first publication of the attached copy of advertise-
ment; and affiant further says that he 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 said newspaper.

Signed Mary G. Frisbie

Sworn to and subscribed before me this _____ day of _____, 19____,
9th July 97

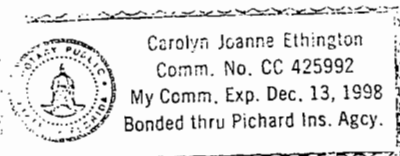
by _____

Mary G. Frisbie
who is personally known to me.

C. Joanne Ethington
(Signature of Notary Public)

C. Joanne Ethington
(Printed or typed name of Notary Public)
Notary Public

My Commission Expires:



**PUBLIC NOTICE
OF INTENT TO ISSUE
TITLE V
AIR OPERATION
PERMIT**

STATE OF FLORIDA
DEPARTMENT
OF ENVIRONMENTAL
PROTECTION
Title V DRAFT Permit No.:
1050217-001-AV
Mulberry Cogeneration
Polk County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit to Polk Power Partners, L. P. for the Mulberry Cogeneration Facility located at 3600 County Road 555, Bartow, Polk County. The applicant's name and address are: Polk Power Partners, L. P., 1125 US 98 South, Suite 100, Lakeland, FL 33801.

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 unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, Florida Statutes (F. S.), or a party requests mediation as an alternative remedy under Section 120.573, F. S., before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing of mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediation.

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: 904/488-9730; Fax:

904/488-9730). 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 a 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;
- (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.

A person whose substantial interests are affected by the permitting authority's proposed permitting decision, may elect to pursue mediation by asking

all parties to the proceeding to agree to such mediation and by filing with the Department of Environmental Protection a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, FL 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information:

- (a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any;
- (b) A statement of the preliminary agency action;
- (c) A statement of the relief sought; and,
- (d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following:

- (a) The names, addresses, and telephone numbers of any persons who may attend the mediation;
- (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time;
- (c) The agreed allocation of the costs and fees associated with the mediation;
- (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation;
- (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen;
- (f) The name of each party's representative who shall have authority to settle or recommend settlement; and,
- (g) The signatures of all parties or their authorized representatives.

As provided in Section 120.573, F. S., the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57, F. S., for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within 60 (sixty) days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department of Environmental Protection must enter an order incorporating

the agreement of the parties in accordance with the provisions of Section 403.0872(7), F. S. If mediation terminates without settlement of the dispute, the permitting authority shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57, F. S., remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

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 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 410 M. Street, SW, Washington, D. C. 20460.

A complete project file is available for public inspection during the 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: 904/488-1344, Fax: 904/922-8979; Affected District/Local Program: Southwest District 3804 Coconut Palm Drive, Tampa, FL 33819-8218, Telephone: 813/744-8100, Fax: 813/744-8084.

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 904/488-1344, for additional information.

July 10, 1997-1909

Lennon Anderson

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

Mr. Allan Wade Smith
General Manager
Polk Power G.P., Inc.
1125 US 98 South, Suite 100
Lakeland, FL 33801

FINAL Permit No.: 1050217-001-AV
Mulberry Cogeneration Facility

Enclosed is FINAL Permit Number 1050217-001-AV for the operation of the Mulberry Cogeneration Facility located at 3600 County Road 555, Bartow, Polk County, issued pursuant to Chapter 403, Florida Statutes (F.S.).

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the permitting authority in the Legal Office; 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 30 (thirty) days from the date this Notice is filed with the Clerk of the permitting authority.

Executed in Tallahassee, Florida.

C. H. Fancy

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

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 1/6/98 to the person(s) listed or as otherwise noted:

Dennis J. Oehring, DR*
Kennard F. Kosky, P.E., GA
Bill Thomas, SWD
Ms. Carol E. Pierce, USEPA, Region 4 (INTERNET E-mail Memorandum)
Ms. Yolanda Adams, USEPA, Region 4 (INTERNET E-mail Memorandum)

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. Boutwell

(Clerk)

1/6/98

(Date)

FINAL PERMIT DETERMINATION

FINAL Permit No.: 1050217-001-AV

Page 1 of 1

I. Comment(s).

No comments were received from USEPA during their 45 day review period of the **PROPOSED** permit.

II. Title V Permitting Formats.

Title V permitting formats were updated due to recent rule changes and after considering comments received from the electric utilities. This permit reflects these changes. A brief summary of the changes is below.

1. Recent rule changes changed "exempt activities" to "insignificant activities." Rules 62-213.430(6), F.A.C. and 62-210, F.A.C., reflecting this change went into effect November 13, 1997.
 - a. The department inserted a condition in Appendix TV-1 clarifying that a Title V source can add an "insignificant activity" at its facility in accordance with the criteria under Rule 62-213.430(6), F.A.C., and include it in the Title V permit's list of "insignificant activities" at the next renewal, in accordance with Rule 62-213.430(6), F.A.C. See condition number 40.
 - b. Appendix E-1 has been changed to Appendix I-1, and the language of this appendix was revised to refer to insignificant emissions units where appropriate.
 - c. Appendix U-1 has been revised to refer to insignificant emissions units instead of exempt emissions units.
2. Several changes were made to Appendix TV-1 to reflect the rule changes discussed above, and to properly identify conditions that are not federally enforceable.
 - a. The following additional rules have been marked as "not federally enforceable":
 - 62-4.030, F.A.C., General Prohibition, (see condition number 1.)
 - 62-4.220, F.A.C., Operation Permit for New Sources, (see condition number 14.)
 - 62-210.300(5), F.A.C., Notification of Startup, (see condition number 19.)
 - b. Appendix TV-1, now carries a version date of "12/02/97".

III. Conclusion.

In conclusion, the changes that have been made are insignificant in nature and do not impose additional noticing requirements. The permitting authority hereby issues the FINAL Title V permit, with any changes noted above.

NOTE: This permit became a FINAL permit on 12/01/97 by operation of law pursuant to Section 403.0872, F.S.

Polk Power Partners, L.P.
Mulberry Cogeneration Facility
Facility ID No.: 1050217
Polk County

Initial Title V Air Operation Permit
FINAL Permit No.: 1050217-001-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

Compliance Authority:

Southwest District Office
3804 Coconut Palm Drive
Tampa, FL 33619-8218
Telephone: 813/744-6100
Fax: 813/744-6084

December 30, 1997

Initial Title V Air Operation Permit
FINAL Permit No.: 1050217-001-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:

Polk Power Partners, L.P.
3600 County Road 555
Bartow, FL 33831-0824

FINAL Permit No.: 1050217-001-AV

Facility ID No.: 1050217

SIC Nos.: 49, 4911

Project: Initial Title V Air Operation Permit

This permit is for the operation of the Mulberry Cogeneration Facility. This facility is located at 3600 County Road 555; UTM Coordinates: Zone 17, 413.6 km East and 3080.6 km North; Latitude: 27° 50' 56" North and Longitude: 81° 52' 39" 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.

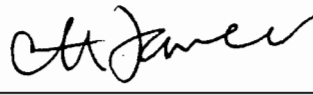
Referenced attachments made a part of this permit:

Appendix U-1, List of Unregulated Emissions Units and/or Activities
Appendix I-1, List of Insignificant Emissions Units and/or Activities
APPENDIX TV-1, TITLE V CONDITIONS (version dated 12/02/97)
APPENDIX SS-1, STACK SAMPLING FACILITIES (version dated 10/07/96)
TABLE 297.310-1, CALIBRATION SCHEDULE (version dated 10/07/96)
FIGURE 1- SUMMARY REPORT-GASEOUS AND OPACITY EXCESS EMISSION
AND MONITORING SYSTEM PERFORMANCE REPORT (7/96)
Phase II Acid Rain Application/Compliance Plan received June 17, 1996.
ORDER EXTENDING PERMIT EXPIRATION DATE dated 09/16/97

Effective Date: January 1, 1998

Renewal Application Due Date: July 5, 2002

Expiration Date: December 31, 2002

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

HLR/sms/la

Section I. Facility Information.

Subsection A. Facility Description.

This facility has a 126 MW combined cycle cogeneration unit which consists of 1 combustion turbine (CT), 1 Heat Recovery Steam Generator (HRSG) and 1 Secondary Boiler. The facility is fired with natural gas and new No. 2 fuel oil, with natural gas being the primary fuel and new No. 2 fuel oil as backup fuel.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

Based on the initial Title V permit application received June 17, 1996, this facility is not a major source of hazardous air pollutants (HAPs).

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

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-001	Combustion Turbine (CT) with HRSG
-002	Secondary Boiler

Unregulated Emissions Units and/or Activities

-003	No. 2 Fuel Oil Tank (720,000 gal)
------	-----------------------------------

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

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:

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

Table 2-1, Summary of Compliance Requirements

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

Appendix H-1, Permit History/ID Number Changes

These documents are on file with the permitting authority:

Initial Title V Permit Application received June 17, 1996

Additional Information Request dated January 24, 1997

Additional Information Response received April 24, 1997

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 a copy when requested or otherwise appropriate. }
2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. No person shall 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. 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).
[Rule 62-296.320(4)(b)1., F.A.C.]
4. 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;
 - b. certification forms and/or RMPs according to the promulgated rule schedule.[40 CFR 68]
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. 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.]
7. 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.
[Rule 62-296.320(1)(a), F.A.C.]

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

Limiting access to plant property by unnecessary vehicles.

[Rule 62-296.320(4)(c)2., F.A.C.; and, proposed by applicant in the initial Title V permit application received June 17, 1996.]

{This condition implements the requirements of Rules 62-296.320(4)(c)1., 3., & 4. F.A.C. (Condition 58. of APPENDIX TV-1, TITLE V CONDITIONS.)}

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. 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.]

11. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Southwest District Office:

Department of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619-8218
Telephone: 813/744-6100
Fax: 813/744-6084

12. Any reports, data, notifications, certifications, and requests 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

Section III. Emissions Unit and Conditions.

Subsection A. This section addresses the following emissions units.

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-001	Combustion Turbine (CT) with HRSG

The combustion turbine (CT) is a GE PG7111EA model with a nameplate rating of 82 MW at ISO. The CT is allowed to burn natural gas or new No. 2 fuel oil. Natural gas is the primary fuel and new No. 2 fuel oil can be used permanently as back-up fuel. NOx emissions are controlled by dry low-NOx combustors and water-injection. The HRSG services a 44 MW steam generator and furnishes steam to other facilities. The CT and HRSG began commercial operation on August 10, 1994.

{Permitting notes: This emissions unit is regulated under Acid Rain, Phase II; NSPS - 40 CFR 60, Subpart GG, Standards of Performance for Stationary Gas Turbines, adopted and incorporated by reference in Rule 62-204.800(7), F.A.C.; NSPS 40 CFR 60 Subpart A; Rule 212.400(5), F.A.C., Prevention of Significant Deterioration (PSD); Rule 62-212.400(6), F.A.C., Best Available Control Technology (BACT) Determination, dated February 21, 1994.}

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

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The operation rate shall not exceed 869 MMBtu/hr (LHV) at ISO conditions.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

A.2. Methods of Operation - Fuels.

The permittee shall fire natural gas or new No. 2 fuel oil. The primary fuel shall be natural gas with new No. 2 fuel oil as backup fuel. The fuel consumption rates (based on operation at 20 ° F) for the turbine shall not exceed those listed below:

<u>Natural Gas</u>		<u>New No. 2 Fuel Oil</u>	
<u>M ft3/hr</u>	<u>MM ft3/yr</u>	<u>M lb/hr</u>	<u>MM lb/yr</u>
1013.4	8877.4	55.6	40.0

New No. 2 fuel oil can be used permanently as backup fuel for no more than 720 hours per year.

[Rule 62-213.410, F.A.C. and AC53-211670]

A.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8760 hours/year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

{Permitting note: 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.4. All emission limits in **Specific Conditions A.5.** through **A.10.** are based on operation at 59 °F and 60 % relative humidity (ISO conditions).

[AC53-211670]

A.5. Nitrogen Oxides. NOx emissions shall not exceed 15 ppmvd @ 15% O₂ (52.7 lbs/hr and 230.7 TPY) when firing natural gas.

[AC53-211670 and BACT Determination dated February 21, 1994]

A.6. Nitrogen Oxides. NOx emissions shall not exceed 42 ppmvd @ 15% O₂ (164.0 lbs/hr and 59.0 TPY) when firing new No. 2 fuel oil.

[AC53-211670 and BACT Determination dated February 21, 1994]

A.7. Sulfur Dioxide. The maximum sulfur content of the new No. 2 fuel oil shall not exceed 0.10 percent by weight.

[AC53-211670 and BACT Determination dated February 21, 1994]

A.8. Volatile Organic Compound. VOC emissions shall not exceed 9.2 lbs/hr and 3.3 TPY when firing new No. 2 fuel oil.

[AC53-211670 and BACT Determination dated February 21, 1994]

A.9. Carbon Monoxide. CO emissions shall not exceed 25 ppmvd @ 15% O₂ (53.0 lbs/hr and 232.0 TPY) when firing natural gas.

[AC53-211670 and BACT Determination dated February 21, 1994]

A.10. Carbon Monoxide. CO emissions shall not exceed 75.3 lbs/hr and 27.1 TPY when firing new No. 2 fuel oil.

[AC53-211670 and BACT Determination dated February 21, 1994]

Test Methods and Procedures

A.11. Performance tests shall be conducted under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected

facility. The owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in the applicable standard.

[40 CFR 60.8(c)]

A.12. Compliance with standards in 40 CFR 60, other than opacity, shall be determined only by performance tests established by 40 CFR 60.8, unless otherwise specified in the applicable standard.

[40 CFR 60.11(a)]

A.13. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility 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 information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operation and maintenance procedures, and inspection of the source.

[40 CFR 60.11(d)]

A.14. Circumvention. No owner or operator subject to the provisions of 40 CFR 60 shall 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 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 a pollutant in the gases discharged to the atmosphere.

[40 CFR 60.12]

A.15. To compute the nitrogen oxides emissions, the owner or operator shall use analytical methods and procedures that are accurate to within 5 percent and are approved by the Administrator to determine the nitrogen content of the fuel being fired.

[40 CFR 60.335(a)]

A.16. In conducting the performance tests required in 40 CFR 60.8, the owner or operator shall use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures as specified in this permit, except as

provided for in 40 CFR 60.8(b). Acceptable alternative methods and procedures are given in paragraph 40 CFR 60.335(f).
[40 CFR 60.335(b)]

A.17. The owner or operator shall determine compliance with the sulfur content standard in 40 CFR 60.333(b) as follows: ASTM D 1072-96, D 3031-81(86), D 4084-94, D 3246-92, or the latest edition of the above ASTM methods shall be used for the sulfur content of gaseous fuels (incorporated by reference-see 40 CFR 60.17). The applicable ranges of some ASTM methods mentioned above are not adequate to measure the levels of sulfur in some fuel gases. Dilution of samples before analysis (with verification of the dilution ratio) may be used, subject to the approval of the Administrator.
[40 CFR 60.335(d)]

A.18. The owner or operator shall determine compliance with the sulfur content standard in **Specific Condition A.7.** by using ASTM D 2880-96, or the latest edition.
[40 CFR 60.335(d)]

A.19. To meet the requirements of 40 CFR 60.334(b), the owner or operator shall use the methods specified in 40 CFR 60.335 (a) and 40 CFR 60.335(d) of 40 CFR 60.335 to determine the nitrogen and sulfur contents of the fuel being burned. The analysis may be performed by the owner or operator, a service contractor retained by the owner or operator, the fuel vendor, or any other qualified agency.
[40 CFR 60.335(e)]

A.20. Annual compliance with the VOC standard shall be determined by EPA Method 25A as described in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C.
[AC 53-211670]

Monitoring of Operations

A.21. The owner or operator of any stationary gas turbine subject to the provisions of 40 CFR 60, Subpart GG shall monitor sulfur content and nitrogen content of the fuel being fired in the turbine. The frequency of determination of these values shall be as follows:

(1) If the turbine is supplied its fuel from a bulk storage tank, the values shall be determined on each occasion that fuel is transferred to the storage tank from any other source.

(2) If the turbine is supplied its fuel without intermediate bulk storage the values shall be determined and recorded daily. Owners, operators or fuel vendors may develop custom schedules for determination of the values based on the design and operation of the affected facility and the characteristics of the fuel supply. These custom schedules shall be

substantiated with data and must be approved by the Administrator before they can be used to comply with 40 CFR 60.334(b).
[40 CFR 60.334(b)(1) and (2)]

A.22. The permittee shall monitor sulfur content and nitrogen content of natural gas fired in the turbine as follows:

Custom Fuel Monitoring Schedule for Natural Gas

1. Monitoring of fuel nitrogen content shall not be required when firing natural gas.
2. Sulfur Monitoring:
 - a. Analysis for fuel sulfur content of the natural gas shall be conducted using one of the approved ASTM reference methods for the measurement of sulfur in gaseous fuels, or an approved alternative method. The reference methods are ASTM D1072-90(94)E-1, ASTM D3031-81(86), ASTM D 3246-92, and ASTM D4084-94, or the latest edition of the above ASTM methods as referenced in 40 CFR 60.335(d).
 - b. This custom fuel monitoring schedule became effective on August 8, 1994. Sulfur monitoring shall be conducted twice monthly for six months. If this monitoring shows little variability in the fuel sulfur content, and indicates consistent compliance with 40 CFR 60.333, then sulfur monitoring shall be conducted once per quarter for six quarters. If monitoring data is provided by the applicant which demonstrates consistent compliance with the requirements herein, the applicant may begin monitoring as per the requirements of 2(c).
 - c. If after the monitoring required in item 2(b) above, or herein, the sulfur content of the fuel shows little variability and, calculated as sulfur dioxide, represents consistent compliance with the sulfur dioxide emission limits specified under 40 CFR 60.333, sample analysis shall be conducted twice per year. This monitoring shall be conducted during the first and third quarters of each calendar year.
 - d. Should any sulfur analysis as required in items 2(b) or 2(c) above indicate noncompliance with 40 CFR 60.333, the owner or operator shall notify the Department of such excess emissions and the custom schedule shall be re-examined. Sulfur monitoring shall be conducted weekly during the interim period when this custom schedule is being re-examined.

3. If there is a change in fuel supply, the owner or operator must notify the Department of such change for re-examination of this custom schedule. A substantial change for re-examination of this custom schedule. A substantial change in fuel quality shall be considered as a change in fuel supply. Sulfur monitoring shall be conducted weekly during the interim period when this custom schedule is being re-examined.
[40 CFR 60.334(b)(2) and AC 53-211670]

Continuous Monitoring Requirements

A.23. The owner or operator required to install a continuous monitoring system (CMS) or monitoring device shall submit an excess emissions and monitoring systems performance report (excess emissions are defined in applicable subparts) and/or a summary report form [see 40 CFR 60.7(d)] to the Administrator semiannually, except when: more frequent reporting is specifically required by an applicable subpart; or, the CMS data are to be used directly for compliance determination, in which case quarterly reports shall be submitted; or, the Administrator, on a case-by-case basis, determines that more frequent reporting is necessary to accurately assess the compliance status of the source. All reports shall be postmarked by the 30th day following the end of each calendar half (or quarter, as appropriate). Written reports of excess emissions shall include the following information:

- (1) The magnitude of excess emissions computed in accordance with 40 CFR 60.13(h), any conversion factor(s) used, and the date and time of commencement and completion of each time period of excess emissions. The process operating time during the reporting period.
- (2) Specific identification of each period of excess emissions that occurs during startups, shutdowns, and malfunctions of the affected facility. The nature and cause of any malfunction (if known), the corrective action taken or preventative measures adopted.
- (3) The date and time identifying each period during which the continuous monitoring system was inoperative except for zero and span checks and the nature of the system repairs or adjustments.
- (4) When no excess emissions have occurred or the continuous monitoring system(s) have not been inoperative, repaired, or adjusted, such information shall be stated in the report.

[40 CFR 60.7(c)(1), (2), (3), and (4)]

A.24. The owner or operator of any stationary gas turbine subject to the provisions of 40 CFR 60, Subpart GG and using water injection to control NO_x emissions shall install and operate a continuous monitoring system to monitor and record the fuel consumption and the ratio of water to fuel being fired in the turbine. This system shall be accurate to within ± 5.0 percent and shall be approved by the Administrator.

[40 CFR 60.334(a)]

Recordkeeping and Reporting Requirements

A.25. The turbine manufacturer's capacity vs. temperature (ambient) curve shall be included with the compliance test results.
[AC 53-211670]

A.26. Records of sample analysis and fuel supply pertinent to the "Custom Fuel Monitoring Schedule for Natural Gas" in **Specific Condition A.22.** shall be retained for a period of five years, and be available for inspection by personnel of federal, state, and local air pollution control agencies.
[AC 53-211670]

A.27. For the purpose of reports required under 40 CFR 60.7(c), periods of excess emissions that shall be reported are defined as follows:

a. *Nitrogen oxides.* Any one-hour period during which the average water-to-fuel ratio, as measured by the continuous monitoring system, falls below the water-to-fuel ratio determined to demonstrate compliance with the permitted nitrogen oxide standard by the initial performance test required in 40 CFR 60.8 or any period during which the fuel-bound nitrogen of the fuel is greater than the maximum nitrogen content allowed by the fuel-bound nitrogen allowance used during the initial performance test. Each report shall include the average water-to-fuel ratio, average fuel consumption, ambient conditions, gas turbine load, and nitrogen content of the fuel during the period of excess emissions, and the graphs or figures developed under 40 CFR 60.335(a).
[Rule 62-296.800, F.A.C.; 40 CFR 60.334(c)(1)]

A.28. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative.
[40 CFR 60.7(b)]

A.29. The summary report form shall contain the information and be in the format shown in Figure 1 (attached) unless otherwise specified by the Administrator. One summary report form shall be submitted for each pollutant monitored at each affected facility.

(1) If the total duration of excess emissions for the reporting period is less than 1 percent of the total operating time for the reporting period and CMS downtime for the reporting period is less than 5 percent of the total operating time for the reporting period, only the summary report form shall be submitted and the excess emission report described in 40 CFR 60.7(c) need not be submitted unless requested by the Administrator.

(2) If the total duration of excess emissions for the reporting period is 1 percent or greater of the total operating time for the reporting period or the total CMS downtime for the

reporting period is 5 percent or greater of the total operating time for the reporting period, the summary report form and the excess emission report described in 40 CFR 60.7(c) shall both be submitted.

[40 CFR 60.7(d)(1) and (2)]

A.30. (1) Notwithstanding the frequency of reporting requirements specified in 40 CFR 60.7(c), an owner or operator who is required by an applicable subpart to submit excess emissions and monitoring systems performance reports (and summary reports) on a quarterly (or more frequent) basis may reduce the frequency of reporting for that standard to semiannual if the following conditions are met:

(i) For 1 full year (e.g., 4 quarterly or 12 monthly reporting periods) the affected facility's excess emissions and monitoring systems reports submitted to comply with a standard under this part continually demonstrate that the facility is in compliance with the applicable standard;

(ii) The owner or operator continues to comply with all recordkeeping and monitoring requirements specified in 40 CFR 60, Subpart A, and the applicable standard; and

(iii) The Administrator does not object to a reduced frequency of reporting for the affected facility, as provided in 40 CFR 60.7(e)(2).

(2) The frequency of reporting of excess emissions and monitoring systems performance (and summary) reports may be reduced only after the owner or operator notifies the Administrator in writing of his or her intention to make such a change and the Administrator does not object to the intended change. In deciding whether to approve a reduced frequency of reporting, the Administrator may review information concerning the source's entire previous performance history during the required recordkeeping period prior to the intended change, including performance test results, monitoring data, and evaluations of an owner or operator's conformance with operation and maintenance requirements. Such information may be used by the Administrator to make a judgment about the source's potential for noncompliance in the future. If the Administrator disapproves the owner or operator's request to reduce the frequency of reporting, the Administrator will notify the owner or operator in writing within 45 days after receiving notice of the owner or operator's intention. The notification from the Administrator to the owner or operator will specify the grounds on which the disapproval is based. In the absence of a notice of disapproval within 45 days, approval is automatically granted.

(3) As soon as monitoring data indicate that the affected facility is not in compliance with any emission limitation or operating parameter specified in the applicable standard, the frequency of reporting shall revert to the frequency specified in the applicable standard, and the owner or operator shall submit an excess emissions and monitoring systems performance report (and summary report, if required) at the next appropriate reporting period following the noncomplying event. After demonstrating compliance with the applicable standard for another full year, the owner or operator may again request

approval from the Administrator to reduce the frequency of reporting for that standard as provided for in 40 CFR 60.7(e)(1) and (e)(2).

[40 CFR 60.7(e)]

A.31. The permittee shall maintain a file of all measurements, including continuous monitoring systems, monitoring device, and performance testing measurements; all continuous monitoring system performance evaluations; all continuous monitoring system or monitoring device calibration checks; adjustments and maintenance performed on these systems or devices; all other information required by this part recorded in a permanent form suitable for inspection. The file shall be retained for at least five years following the date of such measurements, maintenance, reports, and records.

[40 CFR 60.7(f) and Rule 62-213.440(1)(b)2.b., F.A.C.]

A.32. This emissions unit is also subject to the conditions contained in **Subsection C. Common Conditions.**

Subsection B. This section addresses the following emissions unit(s).

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-002	Secondary Boiler

The secondary boiler is for auxiliary steam. It is fired by natural gas. A portion of the exhaust gas from the combustion turbine is vented through the secondary boiler. NOx emissions are controlled with low-dry-NOx combustion technology. This emissions unit began commercial operation on August 10, 1994.

{Permitting notes: The emissions unit is regulated under Acid Rain, Phase II; Rule 212.400(5), F.A.C., Prevention of Significant Deterioration (PSD); Rule 62-212.400(6), F.A.C., Best Available Control Technology (BACT) Determination, dated February 21, 1994}

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

Essential Potential to Emit (PTE) Parameters

B.1. Permitted Capacity. The operation rate shall not exceed 99 MMBtu/hr (LHV) at ISO conditions.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

B.2. Methods of Operation - Fuels.

The only fuel allowed to be burned is natural gas. The fuel consumption rates (based on operation at 20 ° F) for the secondary boiler shall not exceed those listed below:

Natural Gas	
<u>M ft3/hr</u>	<u>MM ft3/yr</u>
104.2	450.2*

*Based on maximum firing rate for 4,320 hours per year.

[Rule 62-213.410, F.A.C. and AC 53-211670]

B.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

{Permitting note: 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. }

B.4. Nitrogen Oxides. NO_x emissions shall not exceed 18.3 lbs/hr and 80.0 TPY when firing natural gas.

[AC53-211670 and BACT Determination dated February 21, 1994]

B.5. Nitrogen Oxides. NO_x emissions shall not exceed 23.4 lbs/hr and 8.4 TPY when firing new No. 2 fuel oil in the combustion turbine.

[AC53-211670 and BACT Determination dated February 21, 1994]

B.6. Sulfur Dioxide. The maximum sulfur content of the new No. 2 fuel oil shall not exceed 0.10 percent by weight when fired in the combustion turbine.

[AC53-211670 and BACT Determination dated February 21, 1994]

B.7. Carbon Monoxide. CO emissions shall not exceed 12.6 lbs/hr and 55.2 TPY when firing natural gas.

[AC53-211670 and BACT Determination dated February 21, 1994]

B.8. Carbon Monoxide. CO emissions shall not exceed 13.4 lbs/hr and 4.8 TPY when firing new No. 2 fuel oil in the combustion turbine.

[AC53-211670 and BACT Determination dated February 21, 1994]

B.9. This emissions unit is also subject to the conditions contained in **Subsection C. Common Conditions.**

Subsection C. Common Conditions.

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-001	Combustion Turbine with HRSG
-002	Secondary Boiler

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

Emission Limitations and Standards

C.1. Visible Emissions. Visible emissions shall not exceed 10 percent opacity when firing natural gas.
[AC53-211670]

C.2. Visible Emissions. Visible emissions shall not exceed 20 percent opacity when firing new No. 2 fuel oil in the combustion turbine.
[AC53-211670]

Excess Emissions

C.3. Excess emissions resulting from startup, shutdown, or 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.]

C.4. 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.]

Test Methods and Procedures

C.5. 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.]

C.6. 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 impractical 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 to regain the authority to operate at the permitted capacity. **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.]

C.7. Calculation of Emission Rate. The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the three separate test runs unless otherwise specified in a particular test method or applicable rule.

[Rule 62-297.310(3), F.A.C.]

C.8. 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, attached to this permit.

(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.]

C.9. 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.]

C.10. 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.]

C.11. 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.

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

(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.; SIP approved]

C.12. Annual compliance with the NO_x, CO, SO₂ and visible emission standards shall be determined by the following reference methods as described in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C.

NO_x: EPA Method 20

CO: EPA Method 10

SO₂: Fuel supplier's sulfur analysis

VE: EPA Method 9

[AC 53-211670]

Continuous Monitoring Requirements

C.13. The power output from the generators shall be metered and continuously recorded. The data shall be logged daily and maintained so that it can be provided to DEP upon request.

[AC 53-211670]

Recordkeeping and Reporting Requirements

C.14. The owner^{or} of operator shall notify the Southwest District Office of the Department, in writing, at least 15 days prior to the date on which each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.

[Rule 62-297.310(7)(a)9., F.A.C.]

C.15. In case of excess emissions resulting from malfunctions, Polk Power Partners, L.P. shall notify the Department's Southwest District Office in accordance with 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.]

C.16. 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.

[Rule 62-297.310(8), F.A.C.]

Reasonable Assurances

C.17. Any other operating parameters established during compliance testing and/or inspections, that will ensure the proper operation of this facility, are considered part of this operating permit. Said operating parameters include, but are not limited to: Fuel flow rate and heat input rate.

[Rule 62-4.070(3), F.A.C.]

Section IV. This section is the Acid Rain Part.

Operated by: Polk Power Partners, L.P.
ORIS code: 54426

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>Brief Description</u>
-001	Combustion Turbine with HRSG
-002	Secondary Boiler

A.1. The Phase II permit application submitted for this facility, as approved by the Department, is a part of this permit. 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:

DEP Form No. 62-210.900(1)(a), dated December 27, 1995.
 [Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]

A.2. Sulfur dioxide (SO₂) allowance allocations for each Acid Rain unit is as follows:

<u>E.U. ID No.</u>	<u>EPA ID</u>	<u>Year</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>
-001	01	SO ₂ allowances, under Table 2 or 3 of 40 CFR Part 73	0*	0*	0*
-002	02	SO ₂ allowances, under Table 2 or 3 of 40 CFR Part 73	0*	0*	0*

*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 or 3 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), 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, Fast-Track Revisions of Acid Rain Parts.

[Rules 62-213.413 and 62-214.370(4), F.A.C.]

A.5. Comments, notes, and justifications: none

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

Mulberry Cogeneration Facility	FINAL Permit No.: 1050217-001-AV
Mulberry Cogeneration Facility	Facility ID No.: 1050217

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.

<u>ID No.</u>	<u>Brief Description of Emissions Units and/or Activity</u>
-003	New No. 2 Fuel Oil Tank (720,000 gal)

Appendix I-1, List of Insignificant Emissions Units and/or Activities.

Mulberry Cogeneration Facility	FINAL Permit No.: 1050217-001-AV
Mulberry Cogeneration Facility	Facility ID No.: 1050217

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.

1. Comfort heating < 1 MMBtu/hr
2. Internal combustion engines - mobile sources
3. Non-industrial vacuum cleaning
4. Refrigeration equipment
5. Vacuum pumps for labs
6. Steam cleaning equipment
7. Sanders < 5 sq.ft.
8. Lab equipment used for chemical or physical analyses
9. Brazing, soldering or welding equipment
10. Emergency generators < 32,000 gal/yr
11. General purpose engines < 32,000 gal/yr
12. Fire and safety equipment
13. Surface coating > 5% VOC; 6 gal/month
14. Surface coating < 5% VOC
15. Freshwater cooling towers. The cooling towers do not use chromium-based treatment chemicals.

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

Polk Power Partners, L.P.
Mulberry Cogeneration

FINAL Permit No.: 1050217-001-AV
Facility ID No.: 1050217

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**
-001 Combustion Turbine (CT) with HRSG

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		
NOx	natural gas	8760	15 ppmvd @ 15% O ₂	52.7	230.7				III. A.5.
NOx	No. 2 Oil	720	42 ppmvd @ 15% O ₂	164.0	59.0				III.A.6.
SO ₂	No. 2 Oil	720	0.10 % by weight						III.A.7.
VOC	No. 2 Oil	720	10 ppmvd @ 15% O ₂	9.2	3.3				III.A.8.
CO	natural gas	8760	25 ppmvd @ 15% O ₂	53.0	232.0				III.A.9.
CO	No. 2 Oil	720	35 ppmvd @ 15% O ₂	75.3	27.1				III.A.10.

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

[electronic file name: 10502171.xls]

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

Polk Power Partners, L.P.
Mulberry Cogeneration

FINAL Permit No.: 1050217-001-AV
Facility ID No.: 1050217

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
-002 Secondary Boiler

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		
NOx	natural gas	8760	0.10 % by weight	18.3	80.0			III.B.4.	
NOx	No. 2 Oil fired in CT	720		23.4	8.4			III.B.5	
SO2	No. 2 Oil fired in CT	720						III.B.6.	
CO	natural gas	8760		12.6	55.2			III.B.7.	
CO	No. 2 Oil fired in CT	720		13.4	4.8			III.B.8.	

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

[electronic file name: 10502171.xls]

Table 2-1, Summary of Compliance Requirements

Polk Power Partners, L.P.
Mulberry Cogeneration Facility

FINAL Permit No.: 1050217-001-AV
Facility ID No.: 1050217

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

-001 Combustion Turbine with HRSG
-002 Secondary Boiler

Pollutant Name or Parameter	Fuel(s)	Compliance Method	Testing Time Frequency	Frequency Base Date *	Min. Compliance Test Duration	CMS**	
						CMS**	See permit condition(s)
NOx	Natural gas and No. 2 Oil	EPA Method 20	annual	26-Aug	1 hour		III.C.12.
CO	Natural gas and No. 2 Oil	EPA Method 10	annual	26-Aug	1 hour		III.C.12.
SO2	Natural gas	ASTM D 1072-80, D 3031-81, D 4084-82 or D 3246-81***	see custom fuel monitoring schedule		not applicable		III.A.18.; A.22. and C.12.
	No. 2 Oil	ASTM D 2880-71***	From bulk storage: after each shipment no bulk storage: daily		not applicable not applicable		III.A.18., C.12.
VE	Natural gas and No. 2 Oil	EPA Method 9	annual	26-Aug			III.C.12.
VOC	No.2 Oil	EPA Method 25A	annual	26-Aug			III.A.20.

Notes:

* The frequency base date is established for planning purposes only; see Rule 62-297.310, F.A.C.

**CMS [=] continuous monitoring system

*** The latest edition of the ASTM methods may be used.

electronic file name: 10502172.xls

Appendix H-1, Permit History/ID Number Changes

Polk Power Partners
Mulberry Cogeneration Facility

Facility ID No.: 1050217

Permit History (for tracking purposes):

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>Revised Date(s)</u>
-001	Combustion Turbine (CT) with HRSG	AC53-211670/ PSD-FL-187	11/24/92	12/31/95	12/31/97	8/3/94
-002	Secondary Boiler	AC53-211670/ PSD-FL-187	11/24/92	12/31/95	12/31/97	8/3/94

(if applicable) ID Number Changes (for tracking purposes):

From: Facility ID No.: 40TPA530217

To: Facility ID No.: 1050217

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 <i>Mulberry Cogeneration Facility</i>	State <i>FL</i>	ORIS Code <i>54426</i>
--	-----------------	------------------------

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	b	c	d	e
Boiler ID#	Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	Repowering Plan	New Units Commence Operation Date	New Units Monitor Certification Deadline
01	Yes	No	8/10/94	1/1/96
02	Yes	No	8/10/94	1/1/96
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			

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.

STEP 3
Check the box if the response in column c of Step 2 is "Yes" for any unit

Plant Name (from Step 1)
Orange Cogeneration Facility

Standard Requirements

Permit 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)
Orange Cogeneration Facility

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.

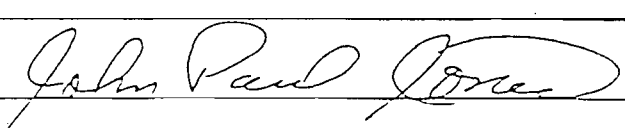
- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject 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	John Paul Jones	
Signature		Date 12/27/95

BEST AVAILABLE COPY

STEP 5 (optional)
Enter the source AIRS
and FINDS identification
numbers, if known

AIRS
FINDS



CSW Energy, Inc.
Operations

A Central and South West Company

Mulberry Cogen
P.O. Box 824 • 3500 Hwy. 555
Bartow, FL 33831
941-533-9073 • Fax 941-533-4092

BEST AVAILABLE COPY

JAN 10 1996

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

January 8, 1997

U. S. Environmental Protection Agency
Acid Rain Program (62045)
Attention: Designated Representative
401 M Street, SW
Washington, D.C. 20460

Re: CSW Energy - Mulberry Cogeneration Facility
ORIS Code: 54426

Dear Sir or Madam:

Pursuant to the requirements of 40 CFR 72.24, enclosed please find an original and three (3) copies of Certificate of Representation (revised) for the above-referenced facility. If you have any questions or additional information is required, please contact me at (941) 533-9073.

Sincerely,

Dennis J. Oehring
Plant Manager

/pcp
Enclosure

xc:: Florida Department of Environmental
Protection (w/ Enclosure)
CERTIFIED MAIL/RETURN RECEIPT REQUESTED

Wade Smith, Polk Power Partners
(w/ Enclosure)

United States
Environmental Protection Agency
Acid Rain Program

OMB No. 2060-0221
Expires 6-30-96



Certificate of Representation

Page 1

For more information, see instructions and refer to 40 CFR 71.24

This submission is: New Revised

STEP 1
Identify the source by plant name, State, and ORIS code from NADS

Plant Name	Mulberry Cogeneration Facility	Florida State	54426 ORIS Code
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STEP 2
Enter requested information for the designated representative

Name	Dennis J. Oehring		
Address	3600 Highway 555 Bartow, Florida 33830		
Phone Number (941)	533-9073	Fax Number (941)	533-4092

STEP 3
Enter requested information for the alternate designated representative (optional)

Name	Donald Walters		
Address	3600 Highway 555 Bartow, Florida 33830		
Phone Number (941)	533-9073	Fax Number (941)	533-4092

STEP 4
Complete Step 5, read the certifications and sign and date

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.

The agreement by which I was selected as the alternate designated representative 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.

Mulberry Cogeneration Facility
Plant Name (from Step 1)

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.

Signature (designated representative) <i>Donna A. O'Connell</i>	Date <i>1-8-97</i>
Signature (alternate) <i>Donald White</i>	Date <i>1-8-97</i>

STEP 5

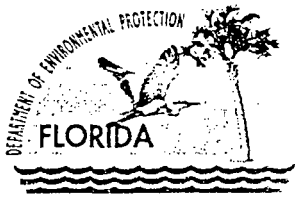
Provide the name of every owner and operator of the source and each affected unit at the source. Identify the units they own and/or operate by boiler ID# from NADE. For owners only, identify each state or local utility regulatory authority with jurisdiction over each owner

Name Polk Power Partners L.P.						<input checked="" type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID# 1	ID#	ID#	ID#	ID#	ID#	ID#	ID#
ID#	ID#	ID#	ID#	ID#	ID#	ID#	ID#
Regulatory Authorities							

Name CSW Energy, Inc.						<input type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
ID# 1	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							



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Mr. Allan Wade Smith
General Manager
Polk Power G.P., Inc.
1125 US 98 South, Suite 100
Lakeland, FL 33801

ORDER EXTENDING PERMIT EXPIRATION DATE Mulberry Cogeneration Facility, Facility ID No.: 1050217

Section 403.0872(2)(b), Florida Statutes (F.S.), specifies that any facility which submits to the Department of Environmental Protection (Department) a timely and complete application for a Title V permit "is entitled to operate in compliance with its existing air permit pending the conclusion of proceedings associated with its application."

Section 403.0872(6), F.S., provides that a proposed Title V permit which is not objected to by the United States Environmental Protection Agency (EPA) "must become final no later than fifty-five (55) days after the date on which the proposed permit was mailed" to the EPA.

Pursuant to the Federal Acid Rain Program as defined in rule 62-210.200, Florida Administrative Code (F.A.C.), all Acid Rain permitting must become effective on January 1 of a given year.

This facility which will be permitted pursuant to section 403.0872, F.S., (Title V permit) will be required to have a permit effective date subsequent to the final processing date of the facility's Title V permit.

To prevent misunderstanding and to assure that the above identified facility continues to comply with existing permit terms and conditions until its Title V permit becomes effective, it is necessary to extend the expiration date(s) of its existing valid permit(s) until the effective date of its Title V permit. Therefore, under the authority granted to the Department by section 403.061(8), F.S., **IT IS ORDERED:**

1. The expiration date(s) of the existing valid permit(s) under which the above identified facility is currently operating is (are) hereby extended until the effective date of its permit issued pursuant to section 403.0872, F.S., (Title V permit);
2. The facility shall comply with all terms and conditions of its existing valid permit(s) until the effective date of its Title V permit;
3. The facility will continue to comply with the requirements of Chapter 62-214, F.A.C., and the Federal Acid Rain Program, as defined in rule 62-210.200, F.A.C., pending final issuance of its Title V permit.

PETITION FOR ADMINISTRATIVE REVIEW

The Department will take the action described in this Order unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 of the Florida Statutes (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 Department's proposed decision may petition for an administrative hearing in accordance with sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Petitions must be filed within 21 days of receipt of this Order. 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 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 of the Florida Statutes, 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 Department File Number, and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department'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 Department's action or proposed action;
- (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department'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 Department 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 Department's final action may be different from the position taken by it in this Order. Persons whose substantial interests will be affected by any such final decision of the Department 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 for a variance from or waiver of the requirements of particular rules, on certain conditions, under section 120.542 of the Florida Statutes. 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, 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) of the Florida Statutes, 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 EPA 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.

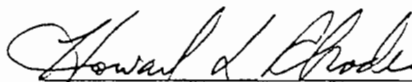
This Order constitutes final agency action unless a petition is filed in accordance with the above paragraphs.

RIGHT TO APPEAL

Any party to this Order has the right to seek judicial review of the Order pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, 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 30 days from the date the Notice of Agency Action is filed with the Clerk of the Department.

DONE AND ORDERED this 16 day of Sept. 1997 in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



HOWARD L. RHODES, Director
Division of Air Resources Management
Twin Towers Office Building
Mail Station 5500
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
850/488-0114

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this order and all copies were sent by certified mail before the close of business on 10/7/97 to the person(s) listed:

Dennis J. Oehring, DR
Bill Thomas, SWD

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. Portwell 10/7/97
(Clerk) (Date)

Memorandum

Florida Department of
Environmental Protection

TO: Bill Thomas, SWD

FROM: Bruce Mitchell *BM*

DATE: December 18, 1996

SUBJECT: Completeness Review of an Application Package for a Title V Operation Permit
Polk Power Partners, L.P., Mulberry Cogeneration: 1050217-001-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, Lennon Anderson, 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: Jerry Kissel