

**FLORIDA POWER CORPORATION
ANCLOTE FACILITY**

TITLE V
AIR OPERATING
PERMIT APPLICATION

Submitted to:
**Florida Department of
Environmental Protection**

Prepared by:



KBN Engineering and Applied Sciences, Inc.
Gainesville, Florida



Letter of Transmittal

Date: 06/14/96

Project No.: 14422-1200

To: Scott Sheplak
Florida Dept. of Environmental Prot.
2600 Blair Stone Road
Tallahassee, Florida 32399

RECEIVED

JUN 14 1996

BUREAU OF AIR REGULATION

Re: FLORIDA POWER CORPORATION
Anclote Facility

Id# 101 0017

The following items are being sent to you: with this letter under separate cover

<u>Copies</u>	<u>Description</u>
<u>4</u>	<u>Title V Air Operating Permit Application (Hard Copy)</u>
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These are transmitted:

- As requested
- For review
- For review and comment
- For approval
- For your information
- See Below

Remarks: As indicated on the enclosed bulletin, we will be submitting the above referenced application electronically after June 15, 1996

RECEIVED BY: _____

DATE: _____ TIME: _____

14422Y/F1/WP/ALL-LOT-13 (06/14/96)

6241 Northwest 23rd Street
Suite 500
Gainesville, Florida 32653-1500
352-336-5600 FAX 352-336-6603

5405 West Cypress Street
Suite 215
Tampa, Florida 33607
813-287-1717 FAX 813-287-1716

1801 Clint Moore Road
Suite 105
Boca Raton, Florida 33487
407-994-9910 FAX 407-994-9393

7785 Baymeadows Way
Suite 105
Jacksonville, Florida 32256
904-739-5600 FAX 904-739-7777

1616 P Street NW
Suite 350
Washington, DC 20036
202-462-1100 FAX 202-462-2270



Letter of Transmittal

RECEIVED
JUN 25 1996
BUREAU OF AIR REGULATION

Date: 06/24/96

Project No.: 14422-1200

To: Scott Sheplak
Florida Dept. of Environmental Prot.
2600 Blair Stone Road
Tallahassee, Florida 32399

Re: FLORIDA POWER CORPORATION
Title V: Anclote Facility

The following items are being sent to you: with this letter under separate cover

<u>Copies</u>	<u>Description</u>
<u>1</u>	<u>Page 1 of Form hardcopy for verification</u>
<u>4</u>	<u>Air Operating Permit Application (Electronic Submittal ELSA 1.3b)</u>

These are transmitted:

- As requested
- For review
- For review and comment
- For approval
- For your information
- For Electronic Submittal

Remarks: This is an electronic submittal of the permit application represented by page 1 of the form (attached). As indicated by the bulletin accompanying the previously submitted hard copy, original signature pages are not enclosed. They were provided with the hardcopy submittal. These disks were created using the submittal program included in ELSA 1.3b. If you have any questions, please contact Teresa Franklin or Jane Burnette.

Sender: Teresa Franklin for Bob McCann

cc: Scott Osbourn, File(2)

14422Y/F1/NP/2.LOT (06/24/96)

RECEIVED

JUN 25 1996

**Department of
Environmental Protection**

**BUREAU OF DIVISION OF AIR RESOURCES MANAGEMENT
AIR REGULATION**

APPLICATION FOR AIR PERMIT - LONG FORM

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy.

Identification of Facility Addressed in This Application

Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: Florida Power Corporation	
2. Site Name: Anclote Power Plant	
3. Facility Identification Number: 1010017 [] Unknown	
4. Facility Location Information: Street Address or Other Locator: Anclote Road, West of US 19 City: Tarpon Springs County: Pasco Zip Code: 33589	
5. Relocatable Facility? [] Yes [x] No	6. Existing Permitted Facility? [x] Yes [] No

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Department of Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

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1. Date of Receipt of Application:	
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4. Siting Number (if applicable):	

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official:

W. Jeffrey Pardue, CEP Dir. Environmental Service Dept

2. Owner/Authorized Representative or Responsible Official Mailing Address:

Organization/Firm: **Florida Power Corporation**

Street Address: **3201 34th St. So.**

City: **St. Petersburg**

State: **FL**

Zip Code: **33711**

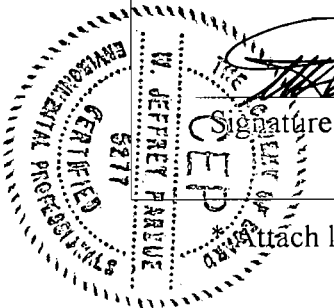
3. Owner/Authorized Representative or Responsible Official Telephone Numbers:

Telephone: **(813) 866-5151**

Fax: **(813) 866-4926**

4. Owner/Authorized Representative or Responsible Official Statement:

I, the undersigned, am the owner or authorized representative of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.*



Signature

Date

6-12-96

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	
1R	001	Oil Fired Steam Generator Unit 1
2R	002	Oil Fired Steam Generator Unit 2
3		Facility-wide Fugitive/De minimis Emissions
4R		3 820 kW Diesel Generators (Relocatable)

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

Purpose of Application and Category

Check one (except as otherwise indicated):

Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.

This Application for Air Permit is submitted to obtain:

-] Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.

-] Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

-] Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed: _____

-] Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit to be renewed: _____

-] Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. Also check Category III.

Operation permit to be revised/corrected: _____

-] Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: _____

Reason for revision: _____

Category II: All Air Construction Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.

This Application for Air Permit is submitted to obtain:

- [] Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s): _____

- [] Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed: _____

- [] Air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g.; to address one or more newly constructed or modified emissions units.

Operation permit to be revised: _____

Reason for revision: _____

Category III: All Air Construction Permit Applications for All Facilities and Emissions Units.

This Application for Air Permit is submitted to obtain:

- [] Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any: _____

- [] Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s): _____

- [] Air construction permit for one or more existing, but unpermitted, emissions units.

Application Processing Fee

Check one:

Attached - Amount: \$ _____

Not Applicable.

Construction/Modification Information

1. Description of Proposed Project or Alterations:
2. Projected or Actual Date of Commencement of Construction :
3. Projected Date of Completion of Construction :

Professional Engineer Certification

1. Professional Engineer Name: Kennard F. Kosky Registration Number: 14996
2. Professional Engineer Mailing Address: Organization/Firm: KBN Eng and Applied Sciences Street Address: 6241 NW 23rd Street, Suite 500 City: Gainesville State: FL Zip Code: 32653-1500
3. Professional Engineer Telephone Numbers: Telephone: (352) 336-5600 Fax: (352) 336-6603

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.

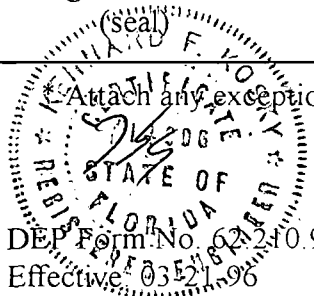
If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions 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. Hoff

Signature

6/9/96

Date



*Attach any exception to certification statement.

Application Contact

1. Name and Title of Application Contact: Scott H. Osbourn, Senior Environmental Engineer
2. Application Contact Mailing Address: Organization/Firm: Florida Power Corporation Street Address: 3201 34th St. So. City: St. Petersburg State: FL Zip Code: 33711
3. Application Contact Telephone Numbers: Telephone: (813) 866-5158 Fax: (813) 866-4926

Application Comment

See AN-AI-AC

ATTACHMENT AN-AI-AC
APPLICATION COMMENT

ATTACHMENT AN-AI-AC

This TitleV application is for the Anclothe Facility. The application's structure is as follows:

Emissions Units

	EU1, EU2 - Boilers	EU3 - Facility - wide	EU4 - Diesel Gen.
General	2	General activities	3 820-kW Gen. (relocatable)
Emission Points	1 stack	Fugitive emissions	1 stack/unit
Segments*	No. 6 fuel oil No. 2 fuel oil (pilot fuel for startup, shutdown, malfunctions)/ on - spec. used oil	Various	Distillate fuel oil
Pollutants	SO ₂ , PM	NA	SO ₂
VE Emissions	VE limits applicable	NA	VE limits applicable
CEM	SO ₂ , NO _x , CO ₂ , Flow, VE	NA	None
PSD	Existing baseline sources	Existing baseline sources	SO ₂ , PM, NO ₂

*The fossil fuel steam generating units may also fire "on-specification" used oil and evaporate non-hazardous boiler chemical cleaning waste waters. These activities will be conducted pursuant to the policy guidance from DARM. Conducting these activities will neither affect the emissions from the steam generating units nor affect compliance with any applicable requirements.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

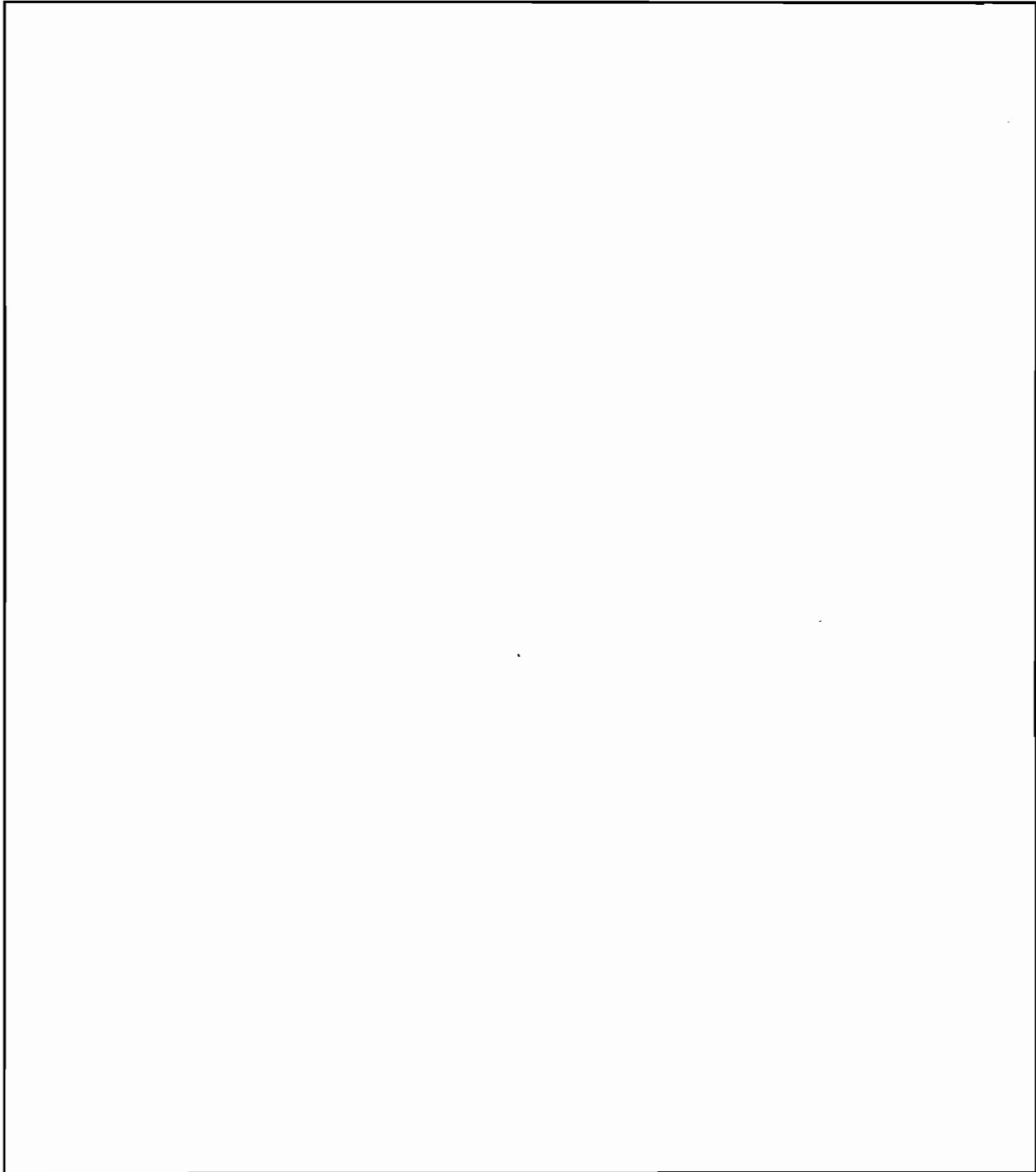
1. Facility UTM Coordinates: Zone: 17 East (km): 324.4 North (km): 3118.7			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): 28 / 48 / 17 Longitude: (DD/MM/SS): 82 / 47 / 8			
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code: 49	6. Facility SIC(s): 49
7. Facility Comment (limit to 500 characters): 			

Facility Contact

1. Name and Title of Facility Contact: D.T. Buell, Plant Manager
2. Facility Contact Mailing Address: Organization/Firm: Florida Power Corporation Street Address: 1729 Baileys Bluff Road City: Holliday State: FL Zip Code: 34691
3. Facility Contact Telephone Numbers: Telephone: (813) 938-2418 Fax: (813) 866-4972

B. FACILITY REGULATIONS

Rule Applicability Analysis (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)



List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

Refer to Attachment AN-FE-B

C. FACILITY POLLUTANTS

Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
VOC Volatile Organic Compounds	A
HCL Hydrogen Chloride	A
FL Fluorides - Total	A
SAM Sulfuric Acid Mist	A
H133 Nickel Compounds	A
HAPS Total Hazardous Air Pollutants	A
SO2 Sulfur Dioxide	A
PM Particulate Matter - Total	A
PM10 Particulate Matter - PM10	A
NOX Nitrogen Oxides	A
CO Carbon Monoxide	A
H107 Hydrogen fluoride	A

D. FACILITY POLLUTANT DETAIL INFORMATION

Facility Pollutant Detail Information:

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hr)	(tons/yr)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

Facility Pollutant Detail Information:

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hr)	(tons/yr)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

E. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: <input checked="" type="checkbox"/> Attached, Document ID: <u>AN-FE-1</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Facility Plot Plan: <input checked="" type="checkbox"/> Attached, Document ID: <u>AN-FE-2</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Process Flow Diagram(s): <input checked="" type="checkbox"/> Attached, Document ID(s): <u>AN-FE-3</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input checked="" type="checkbox"/> Attached, Document ID: <u>AN-FE-4</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Fugitive Emissions Identification: <input checked="" type="checkbox"/> Attached, Document ID: <u>AN-FE-5</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
6. Supplemental Information for Construction Permit Application: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

7. List of Proposed Exempt Activities: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
8. List of Equipment/Activities Regulated under Title VI: <input checked="" type="checkbox"/> Attached, Document ID: <u>AN-FE-8</u> <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed <input type="checkbox"/> Not Applicable
9. Alternative Methods of Operation: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Alternative Modes of Operation (Emissions Trading): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

<p>11. Identification of Additional Applicable Requirements:</p> <p><input type="checkbox"/> Attached, Document ID: _____</p> <p><input checked="" type="checkbox"/> Not Applicable</p>
<p>12. Compliance Assurance Monitoring Plan:</p> <p><input checked="" type="checkbox"/> Attached, Document ID: AN-FE-12 _____</p> <p><input type="checkbox"/> Not Applicable</p>
<p>13. Risk Management Plan Verification:</p> <p><input type="checkbox"/> Plan Submitted to Implementing Agency - Verification Attached Document ID: _____</p> <p><input checked="" type="checkbox"/> Plan to be Submitted to Implementing Agency by Required Date</p> <p><input type="checkbox"/> Not Applicable</p>
<p>14. Compliance Report and Plan</p> <p><input checked="" type="checkbox"/> Attached, Document ID: AN-FE-14 _____</p> <p><input type="checkbox"/> Not Applicable</p>
<p>15. Compliance Statement (Hard-copy Required)</p> <p><input checked="" type="checkbox"/> Attached, Document ID: AN-FE-15 _____</p> <p><input type="checkbox"/> Not Applicable</p>

ATTACHMENT AN-FE-B
FACILITY REGULATIONS

**ATTACHMENT AN-FE-B
FACILITY REGULATIONS**

Master Applicable Requirements Listing - Power Plants (5/13/96)

FACILITY: FPC Anclote Plant

FDEP Rules:

General Permits:

- 62-4.030
- 62-4.040(1)(a) - Exemptions from permitting
- 62-4.040(1)(b) - Exemptions from permitting
- 62-4.100
- 62-4.130

Asbestos NESHAP:

- 62-204.800(8)(b)8.(State Only) - Asbestos Removal
- 62-204.800(8)(d) (State Only) - General Provisions (Asbestos)

Stationary Sources-General:

62-210.300(2)

Exemptions - Plant Specific:

- 62-210.300(3)(a)4. - comfort heating < 1 mmBtu/hr
- 62-210.300(3)(a)5. - mobile sources
- 62-210.300(3)(a)7. - non-industrial vacuum cleaning
- 62-210.300(3)(a)8. - refrigeration equipment
- 62-210.300(3)(a)9. - vacuum pumps for labs
- 62-210.300(3)(a)10. - steam cleaning equipment
- 62-210.300(3)(a)11. - sanders < 5 ft² or less surface area
- 62-210.300(3)(a)12. - space heating equip.; (non-boilers)
- 62-210.300(3)(a)14. - bakery ovens
- 62-210.300(3)(a)15. - lab equipment
- 62-210.300(3)(a)16. - brazing, soldering or welding
- 62-210.300(3)(a)17. - laundry dryers
- 62-210.300(3)(a)20. - emergency generators, limited to 32,000 gal/yr
- 62-210.300(3)(a)21. - general purpose engines, limited to 32,000 gal/yr
- 62-210.300(3)(a)22. - fire and safety equipment
- 62-210.300(3)(a)23. - surface coating > 5% VOC; 6 gal/day or less, averaged month.
- 62-210.300(3)(a)24. - surface coating < 5% or less VOC
- 62-210.300(3)(b) - temporary exemptions
- 62-210.370(3) - AORs
- 62-210.900(5) - AOR Form

Title V Permits:

- 62-213.205(1)(a) - Fees

- 62-213.205(1)(b)
- 62-213.205(1)(c)
- 62-213.205(1)(e)
- 62-213.205(1)(f)
- 62-213.205(1)(g)
- 62-213.205(1)(i)
- 62-213.205(1)(j)
- 62-213.400 - Permits/Revisions
- 62-213.410 - Changes without permit revisions
- 62-213.420.(1)(b)2. - Permits-allows continued operation
- 62-213.420.(1)(b)3. - Permits-additional information
- 62-213.460 - Permit Shield
- 62-213.900(1) - Fee Form

Open Burning:

- 62-256.300 - Prohibitions
- 62-256.500 - Land Clearing
- 62-256.700 - Open burning Allowed

Asbestos Removal:

- 62-257.301 - Notification and Fee
- 62-257.400 - Fee Schedule
- 62-257.900 - Form

Stationary Sources-Emission Standards:

- 62-296.320(2) (State Only) - Odor
- 62-296.320(3)(b)(State Only) - Emergency Open Burning
- 62-296.320(4)(b) - General VE Standard
- 62-296.320(4)(c) - Unconfined Emissions of Particulate Matter

Stationary Sources-Emission Monitoring

- 62-297.310(7)(a)10. - Exemption of annual VE for 210.300(3)(a) sources/Gen. Per.

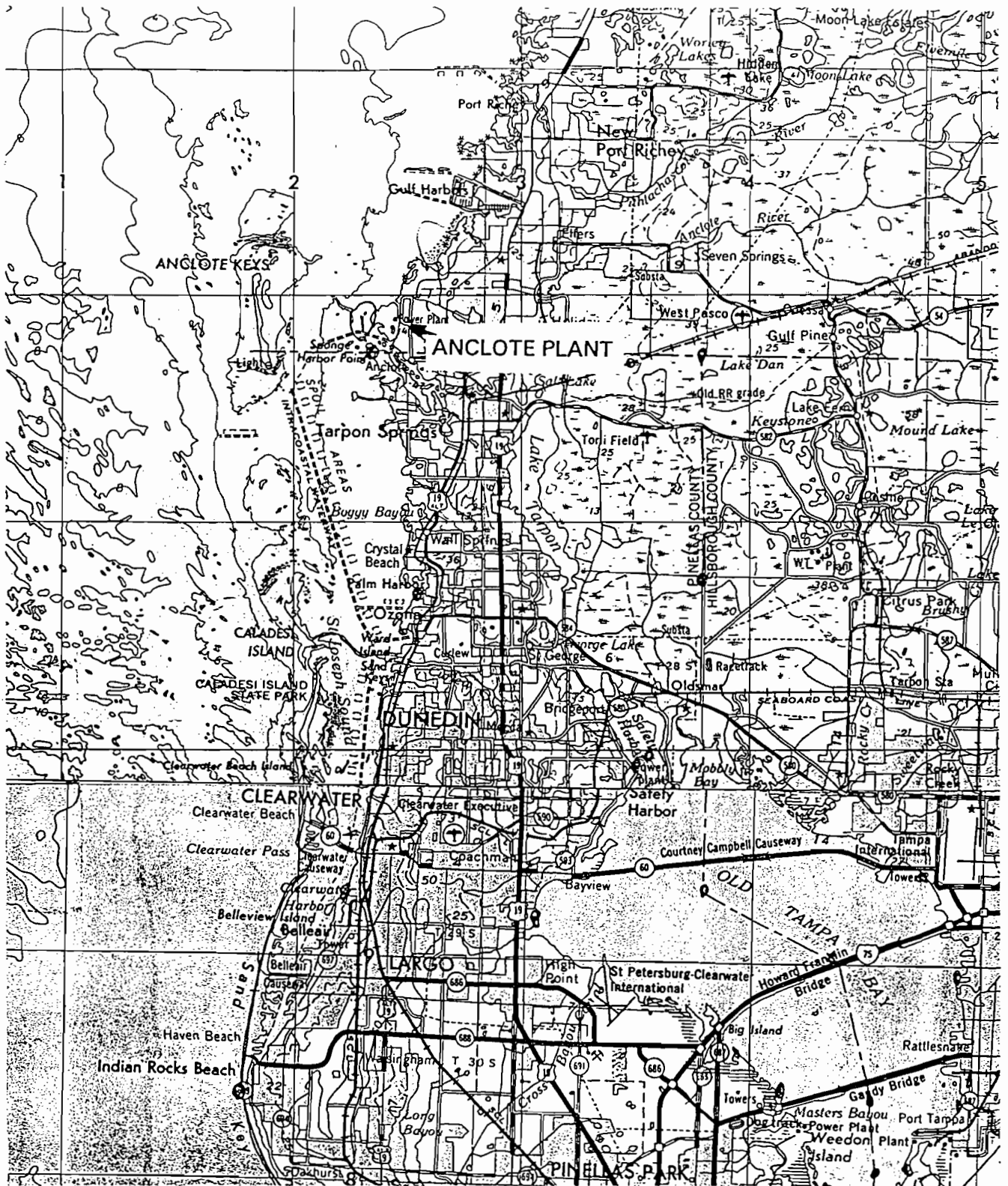
Federal Regulations:

Asbestos Removal:

- 40 CFR 61.05 - Prohibited Activities
- 40 CFR 61.12(b) - Compliance with work practice standard
- 40 CFR 61.19 - Circumvention
- 40 CRF 61.145 - Demolition and Renovation
- 40 CFR 61.148 - Standard for Insulating Material

ATTACHMENT AN-FE-1

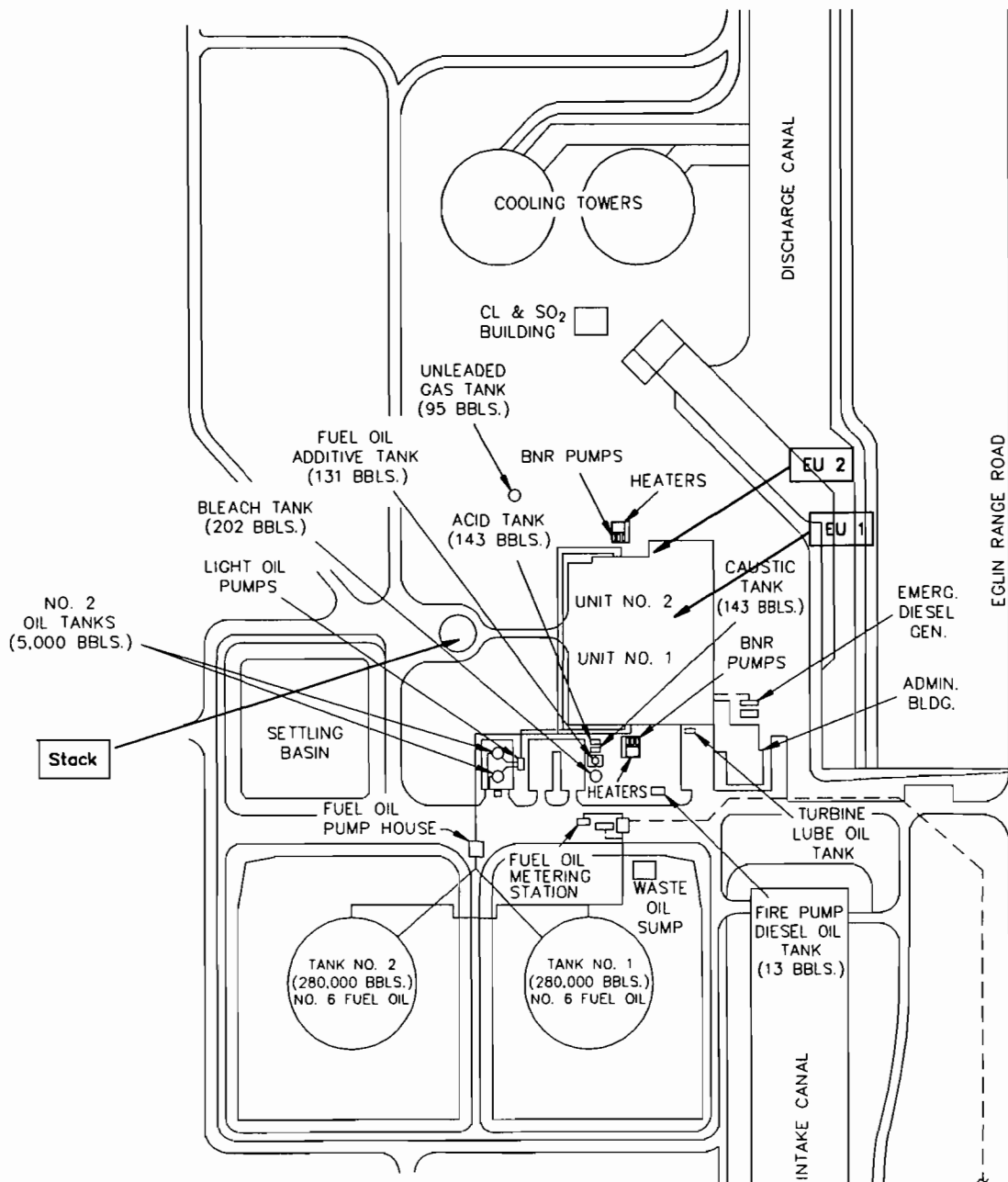
AREA MAP



Attachment AN-FE-1
 Florida Power Corporation, Anclote Plant



ATTACHMENT AN-FE-2
FACILITY PLOT PLAN

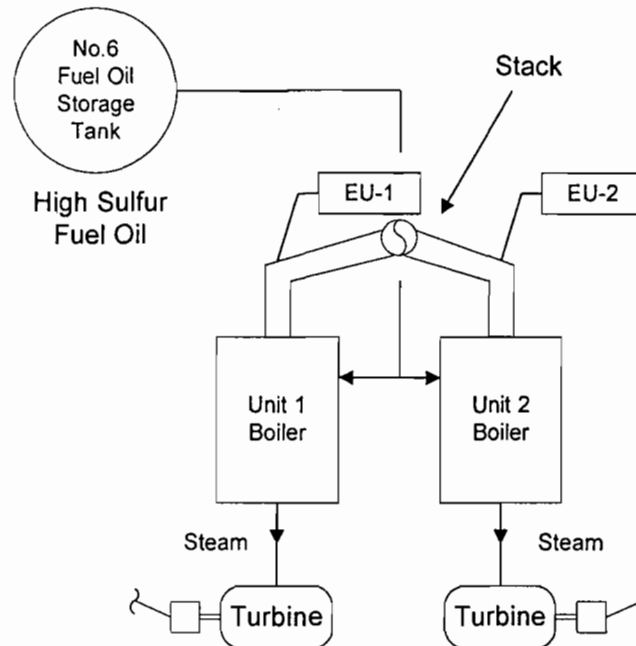


- Key**
 EU 1 - Fossil Fuel Steam Generator No. 1
 EU 2 - Fossil Fuel Steam Generator No. 2
 EU 3 - Facility-wide Fugitive/Deminimus Emissions (not shown)
 EU 4 - Diesel Generator (not shown)



ANCLOTE
 ANCCOMP1.DWG

ATTACHMENT AN-FE-3
PROCESS FLOW DIAGRAM



Notes:

- EU1 & EU2 share a common stack.
- EU = Emission Unit Number
- See segment section for the operating rate of each emission unit
- Fuel Oil No.2, 3, 4, 5, and 6 and on-spec Used Oil are permitted for use in Units No. 1 and 2 boilers.
- EU3- Facility-wide Fugitive/Deminimus Emissions
- EU4- Diesel Generators (3)

Florida Power Corporation

Emission Unit: Overall Plant

Process Area: Overall Plant

Filename: FPC1.VSD

Latest Revision Date: 6/12/96 11:36 AM



Engineering and Applied Sciences, Inc.

Emission Units

Anclote

ATTACHMENT AN-FE-4

**PRECAUTIONS TO PREVENT EMISSIONS OF UNCONFINED PARTICULATE
MATTER**

ATTACHMENT AN-FE-4
PRECAUTIONS TO PREVENT EMISSIONS
OF UNCONFINED PARTICULATE MATTER

The facility has negligible amounts of unconfined particulate matter as a result of the operation of the facility. Potential examples of particulate matter include:

- Fugitive dust from paved and unpaved roads, and
- Fugitive particulates from the use of bagged chemical products.

Operational measures are undertaken at the facility which also minimize particulate emissions, in accordance with 62-296.310(3), F.A.C.:

- Maintenance of paved areas as needed,
- Regular mowing of grass and care of vegetation, and
- Limiting access to plant property by unnecessary vehicles.

ATTACHMENT AN-FE-5

FUGITIVE EMISSIONS IDENTIFICATION

ATTACHMENT AN-FE-5 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 of 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/*de minimis* emission sources at the facility is presented in the following sections.

Criteria and Precursor Air Pollutants

FPC 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/*de minimis* emissions of VOCs include those resulting from the use of cleaners and solvents for maintenance and operation. VOCs are also emitted by the various fuel oil storage tanks on the plant property, and generator and turbine lube oil vents.

Fugitive HAPs Emissions

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

- asbestos
- benzene
- chlorine
- hydrazine
- hydrochloric acid
- mercury compounds
- methyl ethyl ketone
- toluene
- xylene

Asbestos - Present in gasket material, pipe insulation, and various other locations. The facility complies with the federal NESHAPS (40 CFR 61 Subpart M) and state rules (62-257, F.A.C.) governing the abatement of asbestos-containing materials. No releases of asbestos are expected for the facility.

Benzene - Present in unleaded gasoline. The facility maintains a storage tank for unleaded gasoline. These emissions have been calculated to be significantly less than 1 TPY.

Chlorine - Used for water treatment at the facility.

Hydrazine - Hydrazine solution may be used for the treatment of boiler water.

Hydrochloric Acid - The facility may utilize hydrochloric acid in the chemistry laboratory for use in analytical procedures.

Mercury Compounds - The facility uses mercury-containing compounds in the chemistry laboratory for use in analytical procedures and flow-measuring equipment.

Methyl Ethyl Ketone, Toluene, Xylene - The facility uses paint thinners 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 or may be present at the FPC facility:

- ammonia (aqueous, concentration 20 percent or greater)
- chlorine
- hydrazine
- hydrochloric acid
- nitric acid
- acetylene

Ammonia - Used for boiler water treatment.

Chlorine, Hydrazine, Hydrochloric Acid - Considered on the preceding page.

Nitric Acid - Nitric acid may be used in the chemistry laboratory for use in analytical procedures.

Acetylene - Present on the facility property in 250-lb cylinders which are used for plant maintenance (welding and cutting).

ATTACHMENT AN-FE-8

LIST OF EQUIPMENT/ACTIVITIES REGULATED UNDER TITLE VI

ATTACHMENT AN-FE-8
LIST OF EQUIPMENT / ACTIVITIES REGULATED — TITLE VI

The FPC Anclote facility currently has two refrigeration and air-conditioning units on the plant site that meet the over 50-pound threshold established by the Department:

<u>Model Name, Number</u>	<u>Serial Number</u>	<u>Amount (lb)</u>
TRA, A01	PCV0JMC1D1	- 200
TRA, A02	L3B16270	200

ATTACHMENT AN-FE-12
COMPLIANCE ASSURANCE MONITORING PLAN

ATTACHMENT AN-FE-12

Compliance Assurance Monitoring Plan to be submitted to implementing agency by required date.

ATTACHMENT AN-FE-14
COMPLIANCE REPORT AND PLAN

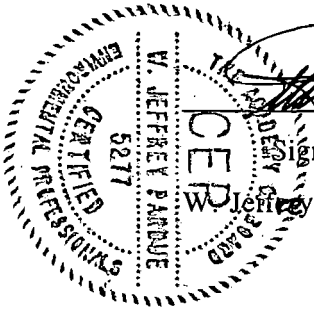
COMPLIANCE REPORT AND PLAN

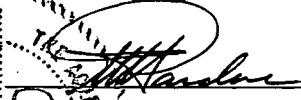
The facility and emissions units identified in this application are in compliance with the Applicable Requirements identified in Sections B and D of the application form and attachments referenced in Section E. 11. and L. 12. (if included). Compliance is certified as of the date this application and is submitted to the Florida Department of Environmental Regulation as required in Rule 62-213.420(1)(a) F.A.C. Compliance will be certified no less frequently than annually or as required by the applicable requirement.

ATTACHMENT AN-FE-15
COMPLIANCE STATEMENT

ATTACHMENT AN-FE-15
COMPLIANCE STATEMENT

I, the undersigned, am the responsible official as defined in Chapter 62-213, F.A.C., of the Title V source for which this report is being submitted. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made and data contained in this report are true, accurate, and complete.





Signature, Responsible Official
W. Jeffrey Pardue, C.E.P., Director, Environmental Services Dept.

6-12-96

Date

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

**A. TYPE OF EMISSIONS UNIT
(Regulated and Unregulated Emissions Units)****Type of Emissions Unit Addressed in This Section**

1. Regulated or Unregulated Emissions Unit? Check one:

] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

] This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**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): Oil Fired Steam Generator Unit 1		
2. Emissions Unit Identification Number: [] No Corresponding ID [] Unknown 001		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? <input checked="" type="checkbox"/> Yes [] No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): 1. Tangential-fired unit. 2. Nameplate rating - winter rating dependent upon condenser cooling water intake temperature 540 MW; summer rating - 535 MW.		

Emissions Unit Control Equipment Information

A.

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

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:	16 Oct 1974	
2. Long-term Reserve Shutdown Date:		
3. Package Unit: Manufacturer:	Model Number:	
4. Generator Nameplate Rating:	540 MW	
5. Incinerator Information:		
	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	4,964	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):		
	Gen. Rating - Winter	

Emissions Unit Operating Schedule

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

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II Applications and Category III applications involving non Title-V sources. See Instructions.)

Not Applicable

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

See Attachment AN-EU1-D

E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: 01	
2. Emission Point Type Code: <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): Unit 1 and Unit 2 share a common stack.	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: 001, 002	
5. Discharge Type Code: <input type="checkbox"/> D <input type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input checked="" type="checkbox"/> V <input type="checkbox"/> W	
6. Stack Height:	499 feet
7. Exit Diameter:	24 feet
8. Exit Temperature:	320 °F

9. Actual Volumetric Flow Rate:	1,699,026 acfm
10. Percent Water Vapor:	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height:	feet
13. Emission Point UTM Coordinates:	
Zone: 17	East (km): 324.4 North (km): 3118.7
14. Emission Point Comment (limit to 200 characters):	

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

Segment Description and Rate: Segment 1 of 5

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Ext. Comb. electric generating distillate oil No.1 and No.2	
2. Source Classification Code (SCC): <p style="text-align: center;">1-01-005-01</p>	
3. SCC Units: <p style="text-align: center;">Thousand Gallons Burned</p>	
4. Maximum Hourly Rate: <p style="text-align: center;">35.97</p>	5. Maximum Annual Rate: <p style="text-align: center;">315,106</p>
6. Estimated Annual Activity Factor: 	
7. Maximum Percent Sulfur: <p style="text-align: center;">0.5</p>	8. Maximum Percent Ash: <p style="text-align: center;">0.1</p>
9. Million Btu per SCC Unit: <p style="text-align: center;">138</p>	
10. Segment Comment (limit to 200 characters): <p style="text-align: center;">No. 2 fuel oil used during start-up and for boiler stabilization during startup/shutdown. Unit is tangentially fired. Heat content - HHV. Max. hour rate based on max. capacity.</p>	

Segment Description and Rate: Segment 2 of 5

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Ext. Comb. Boiler, electric generating residual oil No. 6.	
2. Source Classification Code (SCC): 1-01-004-04	
3. SCC Units: Thousand Gallons Burned	
4. Maximum Hourly Rate: 32.66	5. Maximum Annual Rate: 286,080
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 2.5	8. Maximum Percent Ash: 0.1
9. Million Btu per SCC Unit: 152	
10. Segment Comment (limit to 200 characters): Unit is tangentially fired. Heat Content - HHV.	

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

Segment Description and Rate: Segment 3 of 5

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Ext. Comb. Boiler, electric generating residual oil No. 5	
2. Source Classification Code (SCC): 1-01-004-06	
3. SCC Units: Thousand gallons burned	
4. Maximum Hourly Rate: 32.66	5. Maximum Annual Rate: 286,080
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 2.5	8. Maximum Percent Ash: 0.1
9. Million Btu per SCC Unit: 152	
10. Segment Comment (limit to 200 characters): 1) Unit is tangentially fired. 2) Heat content - HHV.	

Segment Description and Rate: Segment 4 of 5

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Ext. Comb. Boiler, electric generating residual oil No. 4	
2. Source Classification Code (SCC): 1-01-005-05	
3. SCC Units: Thousand gallons burned	
4. Maximum Hourly Rate: 34.472	5. Maximum Annual Rate: 301,977
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 0.7	8. Maximum Percent Ash: 0.1
9. Million Btu per SCC Unit: 144	
10. Segment Comment (limit to 200 characters): 1) Unit is tangentially fired. 2) Heat content - HHV. 3) Also, No. 3 fuel oil.	

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

Segment Description and Rate: Segment 5 of 5

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): On - specification used oil.	
2. Source Classification Code (SCC): 1-01-013-02	
3. SCC Units: Thousand gallons burned	
4. Maximum Hourly Rate: 35.97	5. Maximum Annual Rate: 31,511
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 2.5	8. Maximum Percent Ash: 0.9
9. Million Btu per SCC Unit: 138	
10. Segment Comment (limit to 200 characters): Heat content - HHV. Limited to 10% annual heat input.	

Segment Description and Rate: Segment of

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**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
PM			EL
PM10			NS
SO2			EL
NOX			NS
CO			NS
VOC			NS
H107			NS
H133			NS
HAPS			NS
FL			NS

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

Pollutant Detail Information:

1. Pollutant Emitted: PM		
2. Total Percent Efficiency of Control:		0 %
3. Potential Emissions:	1,489.2 lb/hour	2,717.8 tons/year
4. Synthetically Limited? [] Yes [<input checked="" type="checkbox"/>] No		
5. Range of Estimated Fugitive/Other Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/yr		
6. Emission Factor:		0.3 lb/MMBtu
Reference: FDEP Rule 62-210.700		
7. Emissions Method Code: <input checked="" type="checkbox"/> 0 [] 1 [] 2 [] 3 [] 4 [] 5		
8. Calculation of Emissions (limit to 600 characters): See Attachment AN-EU1-H8		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): 1) Potential lb/hr based on sootblowing while burning oil. 2) Potential TPY based on 0.125 lb/MMBtu (0.1 lb/MMBtu during normal 21 hrs; 0.3 lb/MMBtu during sootblowing 3 hrs) in a 24-hr period.		

Emissions Unit Information Section 1 of 4
Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: RULE		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units: 0.1 lb/MMBtu		
4. Equivalent Allowable Emissions:	496.4 lb/hour	2,174.2 tons/year
5. Method of Compliance (limit to 60 characters): Annual compliance test, EPA Method 5 or 17		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): 1) Based on oil firing during normal operations. 2) Rule 62-210.700		

B.

1. Basis for Allowable Emissions Code: RULE		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units: 0.3 lb/MMBtu		
4. Equivalent Allowable Emissions:	1,489.2 lb/hour	815.3 tons/year
5. Method of Compliance (limit to 60 characters): Annual compliance test, EPA Method 5 or 17		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): 1) Based on sootblowing while firing oil (3 hours in 24 hours). 2) Rule 62-210.700.		

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:	0 %
3. Potential Emissions:	13,651 lb/hour 59,791 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" 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: 2.75 lb/MMBtu Reference: FDEP 62-296.405(1)	
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): See Attachment AN-EU1-H8.	
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): 1) Based on oil firing (No. 6).	

Emissions Unit Information Section 1 of 4
Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: RULE		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units: 2.75 lb/MMBtu		
4. Equivalent Allowable Emissions:	13,651 lb/hour	59,791 tons/year
5. Method of Compliance (limit to 60 characters): Fuel analysis during emission testing.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): 1) Firing No. 6 fuel oil. 2) Rule 62-296.405(1).		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitations: Visible Emissions Limitation 1 of 4

1.	Visible Emissions Subtype: VE40
2.	Basis for Allowable Opacity: <input type="checkbox"/> Rule <input checked="" type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: 40 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance: EPA Method 9 - Annual Compliance Test.
5.	Visible Emissions Comment (limit to 200 characters): 1) 40% emission limit as specified in OGC File No. 82-0514 dated 11/7/82. 2) Visible emission limit at steady state. 3) Rule 62-296.405(1).

Visible Emissions Limitations: Visible Emissions Limitation 2 of 4

1.	Visible Emissions Subtype: VE60
2.	Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: 60 % Exceptional Conditions: 100 % Maximum Period of Excess Opacity Allowed: 24 min/hour
4.	Method of Compliance: EPA Method 9
5.	Visible Emissions Comment (limit to 200 characters): 1) 60% opacity allowed during load changing and boiler cleaning for 3 hours in a 24-hour period. Unlimited opacity allowed for 4 six-minute periods during 3 hours. 2) Rule 62-210.700(3).

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitations: Visible Emissions Limitation 3 of 4

1.	Visible Emissions Subtype: VE
2.	Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: 100 % Maximum Period of Excess Opacity Allowed: 60 min/hour
4.	Method of Compliance: Best operational practices
5.	Visible Emissions Comment (limit to 200 characters): Rule 62-210.700(1). Excess emissions allowed for 2 hr in 24 hr, malfunction.

Visible Emissions Limitations: Visible Emissions Limitation 4 of 4

1.	Visible Emissions Subtype: VE
2.	Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: 100 % Maximum Period of Excess Opacity Allowed: 60 min/hour
4.	Method of Compliance: Best operational practices
5.	Visible Emissions Comment (limit to 200 characters): Rule 62-210.700(2). Excess emissions for startup/shutdown.

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitations: Visible Emissions Limitation _____ of _____

1.	Visible Emissions Subtype:
2.	Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance:
5.	Visible Emissions Comment (limit to 200 characters):

Visible Emissions Limitations: Visible Emissions Limitation _____ of _____

1.	Visible Emissions Subtype:
2.	Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance:
5.	Visible Emissions Comment (limit to 200 characters):

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

Continuous Monitoring System Continuous Monitor 1 of 5

1. Parameter Code: CO2	2. Pollutant(s):
3. CMS Requirement: [<input checked="" type="checkbox"/>] Rule [<input type="checkbox"/>] Other	
4. Monitor Information: Monitor Manufacturer: TECO Model Number: 41 H Serial Number: 41 H-45737-274	
5. Installation Date: 28 Dec 1994	
6. Performance Specification Test Date: 28 Dec 1994	
7. Continuous Monitor Comment (limit to 200 characters): 40 CFR 72.6	

Continuous Monitoring System Continuous Monitor 2 of 5

1. Parameter Code: EM	2. Pollutant(s): SO2
3. CMS Requirement: [<input checked="" type="checkbox"/>] Rule [<input type="checkbox"/>] Other	
4. Monitor Information: Monitor Manufacturer: TECO Model Number: 43B Serial Number: 43 B-46179-275	
5. Installation Date: 28 Dec 1994	
6. Performance Specification Test Date: 28 Dec 1994	
7. Continuous Monitor Comment (limit to 200 characters): 40 CFR 72.6.	

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

Continuous Monitoring System Continuous Monitor 3 of 5

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: TECO Model Number: 42 Serial Number: 42-45969-274	
5. Installation Date: 28 Dec 1994	
6. Performance Specification Test Date: 28 Dec 1994	
7. Continuous Monitor Comment (limit to 200 characters): 40 CFR 72.6.	

Continuous Monitoring System Continuous Monitor 4 of 5

1. Parameter Code: FLOW	2. Pollutant(s):
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Monitor Manufacturer: United Sciences Model Number: Ultra Flow 100 Serial Number: 9303413	
5. Installation Date: 28 Dec 1994	
6. Performance Specification Test Date: 28 Dec 1994	
7. Continuous Monitor Comment (limit to 200 characters): 40 CFR 72.6. Second monitor - Ser. No. 9303512	

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

Continuous Monitoring System Continuous Monitor 5 of 5

1. Parameter Code: VE	2. Pollutant(s):
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number: 29849	
5. Installation Date: 28 Dec 1994	
6. Performance Specification Test Date: 28 Dec 1994	
7. Continuous Monitor Comment (limit to 200 characters): 40 CFR 72.6	

Continuous Monitoring System Continuous Monitor _____ of _____

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> 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):	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)**

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

- The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.
- The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.
- None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:		
	PM	<input type="checkbox"/> C	<input type="checkbox"/> E <input checked="" type="checkbox"/> Unknown
	SO ₂	<input type="checkbox"/> C	<input type="checkbox"/> E <input checked="" type="checkbox"/> Unknown
	NO ₂	<input type="checkbox"/> C	<input type="checkbox"/> E <input checked="" type="checkbox"/> Unknown
4.	Baseline Emissions:		
	PM	lb/hour	tons/year
	SO ₂	lb/hour	tons/year
	NO ₂		tons/year
5.	PSD Comment (limit to 200 characters):		
	Baseline emissions not known.		

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

1.	Process Flow Diagram	<input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L1</u>	<input type="checkbox"/> Waiver Requested
		<input type="checkbox"/> Not Applicable	
2.	Fuel Analysis or Specification	<input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L2</u>	<input type="checkbox"/> Waiver Requested
		<input type="checkbox"/> Not Applicable	
3.	Detailed Description of Control Equipment	<input type="checkbox"/> Attached, Document ID: _____	<input type="checkbox"/> Waiver Requested
		<input checked="" type="checkbox"/> Not Applicable	
4.	Description of Stack Sampling Facilities	<input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L4</u>	<input type="checkbox"/> Waiver Requested
		<input type="checkbox"/> Not Applicable	
5.	Compliance Test Report	<input type="checkbox"/> Attached, Document ID: _____	<input type="checkbox"/> Not Applicable
		<input checked="" type="checkbox"/> Previously Submitted, Date: <u>4 Aug 1995</u>	
6.	Procedures for Startup and Shutdown	<input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L6</u>	<input type="checkbox"/> Not Applicable
7.	Operation and Maintenance Plan	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable
8.	Supplemental Information for Construction Permit Application	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable
9.	Other Information Required by Rule or Statute	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L12</u> <input type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L13</u> <input type="checkbox"/> Not Applicable
14. Acid Rain Permit Application (Hard Copy Required) <input checked="" type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: <u>AN-EU1-L14</u> <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

ATTACHMENT AN-EU1-D
EMISSION UNIT REGULATIONS

ATTACHMENT AN-EU1-D
EMISSION UNIT REGULATIONS

Master Applicable Requirements Listing - Power Plants (5/13/96)

EMISSION UNIT: EU1: Unit 1- FPC Ancloste Plant

FDEP Rules:

Air Pollution Control-General Provisions:

- 62-204.800(12) (State Only) - Acid Rain Program
- 62-204.800(13) (State Only) - Allowances
- 62-204.800(14) (State Only) - Acid Rain Program Monitoring

Stationary Sources-General:

- 62-210.700(1) - Malfunction only for FFSG
- 62-210.700(2) - FFSG; startup/shut down
- 62-210.700(3) - FFSG; sootblowing/load change
- 62-210.700(4) - maintenance
- 62-210.700(6)

Acid Rain:

- 62-214.300 - Acid Rain Units (Applicability)
- 62-214.320 - Acid Rain Units (Application Shield)
- 62-214.330 - Compliance Options (if 214.430)
- 62-214.340 - Exemptions (new units, retired units)
- 62-214.350(2);(3);(6) - Acid Rain Units (Certification)
- 62-214.370 - Acid Rain Units (Revisions; correction; potentially applicable if a need arises)
- 62-214.430 - Acid Rain Units (Compliance Options)

Stationary Sources-Emission Standards/RACT:

- 62-296.405(1)(a) - FFSG;VE
- 62-296.405(1)(b) - FFSG; PM
- 62-296.405(1)(c)1.j. - FFSG;Oil-SO₂ (general limit)
- 62-296.405(1)(e) - FFSG;Test Methods
- 62-296.405(1)(f)1.a.(i) - FFSG; Opacity CEMS exempted for oil/gas units
- 62-296.405(1)(f)1.b. - FFSG; SO₂ CEMS exempted for non-controlled units (oil/gas)

Stationary Sources-Emission Monitoring (where stack test is required):

- 62-297.310(1) - Test Runs-Mass Emission
- 62-297.310(2)(b) - Operating Rate; other than CTs
- 62-297.310(3) - Calculation of Emission
- 62-297.310(4)(a) - Applicable Test Procedures;Sampling time
- 62-297.310(4)(b) - Sample Volume
- 62-297.310(4)(c) - Required Flow Rate Range-PM/H₂SO₄/F

- 62-297.310(4)(d) - Calibration
- 62-297.310(4)(e) - EPA Method 5-only
- 62-297.310(5) - Determination of Process Variables
- 62-297.310(6)(a) - Permanent Test Facilities-general
- 62-297.310(6)(c) - Sampling Ports
- 62-297.310(6)(d) - Work Platforms
- 62-297.310(6)(e) - Access
- 62-297.310(6)(f) - Electrical Power
- 62-297.310(6)(g) - Equipment Support
- 62-297.310(7)(a)2. - FFSG excess emissions
- 62-297.310(7)(a)3. - Permit Renewal Test Required
- 62-297.310(7)(a)4.
- 62-297.310(7)(a)5. - PM exemption if < 400 hrs/yr
- 62-297.310(7)(a)9. - FDEP Notification - 15 days
- 62-297.310(7)(c) - Waiver of Comp. Tests (Fuel Sampling)
- 62-297.310(8) - Test Reports

Federal Rules:

Acid Rain-Permits:

- 40 CFR 72.9(a) - Permit Requirements
- 40 CFR 72.9(b) - Monitoring Requirements
- 40 CFR 72.9(c)(1) - SO2 Allowances-hold allowances
- 40 CFR 72.9(c)(2) - SO2 Allowances-violation
- 40 CFR 72.9(c)(3)(iii) - SO2 Allowances-Phase II Units (listed)
- 40 CFR 72.9(c)(4) - SO2 Allowances-allowances held in ATS
- 40 CFR 72.9(c)(5) - SO2 Allowances-no deduction for 72.9(c)(1)(i)
- 40 CFR 72.9(e) - Excess Emission Requirements
- 40 CFR 72.9(f) - Recordkeeping and Reporting
- 40 CFR 72.9(g) - Liability
- 40 CFR 72.20(a) - Designated Representative; required
- 40 CFR 72.20(b) - Designated Representative; legally binding
- 40 CFR 72.20(c) - Designated Representative; certification requirements
- 40 CFR 72.21 - Submissions
- 40 CFR 72.22 - Alternate Designated Representative
- 40 CFR 72.23 - Changing representatives; owners
- 40 CFR 72.30(a) - Requirements to Apply (operate)
- 40 CFR 72.30(c) - Requirements to Apply (reapply before expiration)
- 40 CFR 72.30(d) - Requirements to Apply (submittal requirements)
- 40 CFR 72.32 - Application Shield
- 40 CFR 72.33(b) - Dispatch System ID;unit/system ID
- 40 CFR 72.33(c) - Dispatch System ID;ID requirements
- 40 CFR 72.33(d) - Dispatch System ID;ID change
- 40 CFR 72.40(a) - General; compliance plan
- 40 CFR 72.40(b) - General; multi-unit compliance options
- 40 CFR 72.40(c) - General; conditional approval
- 40 CFR 72.40(d) - General; termination of compliance options
- 40 CFR 72.51 - Permit Shield

- 40 CFR 72.90 - Annual Compliance Certification
- Monitoring Part 75:
- 40 CFR 75.4 - Compliance Dates
 - 40 CFR 75.5 - Prohibitions
 - 40 CFR 75.10(a)(1) - Primary Measurement; SO₂; except 75.11&.16; Subpart D
 - 40 CFR 75.10(a)(2) - Primary Measurement; NO_x; except 75.12&.17; Subpart E
 - 40 CFR 75.10(a)(3)(i) - Primary Measurement; CO₂; monitor
 - 40 CFR 75.10(a)(4) - Primary Measurement; Opacity; except 75.14&.18

 - 40 CFR 75.10(b) - Primary Measurement; Performance Requirements
 - 40 CFR 75.10(c) - Primary Measurement; Heat Input; Appendix F
 - 40 CFR 75.10(d) - Primary Measurement; Hourly Operating ; Opacity; SO₂
 - 40 CFR 75.10(f) - Primary Measurement; Minimum Measurement
 - 40 CFR 75.10(g) - Primary Measurement; Minimum Recording
 - 40 CFR 75.11(d) - SO₂ Monitoring; Gas- and Oil-fired units
 - 40 CFR 75.11(e) - SO₂ Monitoring Gaseous Firing
 - 40 CFR 75.12(b) - NO_x Monitoring; Determination of NO_x emission rate; Appendix F

 - 40 CFR 75.13(a) - CO₂ Monitoring; Continuous monitor
 - 40 CFR 75.14(a) - Opacity Monitoring; Coal and oil units
 - 40 CFR 75.20(a)(5) - Initial Certification Approval Process; Loss of Certification
 - 40 CFR 75.20(b) - Recertification Procedures
 - 40 CFR 75.20(c) - Certification Procedures
 - 40 CFR 75.20(g) - Exceptions to CEMS; oil/gas/diesel; Addendix D & E
 - 40 CFR 75.21 - QA/QC; CEMS
 - 40 CFR 75.21(b) - QA/QC; Opacity
 - 40 CFR 75.21(c) - QA/QC; Calibration Gases
 - 40 CFR 75.21(d) - QA/QC; Notice of RATA
 - 40 CFR 75.21(e) - QA/QC; Audits
 - 40 CFR 75.21(f) - QA/QC; CEMS
 - 40 CFR 75.22 - Reference Methods
 - 40 CFR 75.24 - Out-of-Control Periods; CEMS
 - 40 CFR 75.30(a)(1) - General Missing Data Procedures; SO₂
 - 40 CFR 75.30(a)(2) - General Missing Data Procedures; flow
 - 40 CFR 75.30(a)(3) - General Missing Data Procedures; NO_x
 - 40 CFR 75.30(a)(4) - General Missing Data Procedures; CO₂
 - 40 CFR 75.30(d) - General Missing Data Procedures; SO₂
 - 40 CFR 75.32 - Monitoring Data Availability for Missing Data
 - 40 CFR 75.33 - Standard Missing Data Procedures
 - 40 CFR 73.35 - Missing Data Procedures for CO₂ Data
 - 40 CFR 75.36 - Missing Data Procedures for Heat Input
 - 40 CFR 75.53 - Monitoring Plan
 - 40 CFR 75.54(a) - Recordkeeping-general
 - 40 CFR 75.54(b) - Recordkeeping-operating parameter
 - 40 CFR 75.54(c) - Recordkeeping-SO₂
 - 40 CFR 75.54(d) - Recordkeeping-NO_x
 - 40 CFR 75.54(e) - Recordkeeping-CO₂

- 40 CFR 75.54(f) - Recordkeeping-Opacity
- 40 CFR 75.55(c);(e) - Recordkeeping (Appendix D)
- 40 CFR 75.56 - Certification; QA/QC Provisions
- 40 CFR 75.60 - Reporting Requirements-General
- 40 CFR 75.61 - Reporting Requirements-Notification cert/recertification
- 40 CFR 75.63 - Reporting Requirements-Certification/Recertification
- 40 CFR 75.64(a) - Reporting Requirements-Quarterly reports; submission
- 40 CFR 75.64(b) - Reporting Requirements-Quarterly reports; DR statement
- 40 CFR 75.64(c) - Rep. Req.; Quarterly reports; Compliance Certification
- 40 CFR 75.64(d) - Rep. Req.; Quarterly reports; Electronic format
- 40 CFR 75.65 - Opacity Reports
- 40 CFR 77.3 - Offset Plans (Future)
- 40 CFR 77.5(b) - Deductions of Allowance (Future)
- 40 CFR 77.6 - Excess Emissions Penalties SO2 and NOx
- Appendix A-3. - Performance Specifications
- Appendix A-4. - Data Handling and Acquisition Systems
- Appendix A-5. - Calibration Gases
- Appendix A-6. - Certification Tests and Procedures
- Appendix B - QA/QC Procedures
- Appendix C-1. - Missing Data; SO2/NOx for controlled sources
- Appendix C-2. - Missing Data; Load-Based Procedure; NOx & flow
- Appendix F - Conversion Procedures
- Appendix G-2. - Determination of CO2; from combustion sources
- Appendix H - Traceability Protocol

ATTACHMENT AN-EU1-H8
CALCULATION OF EMISSIONS

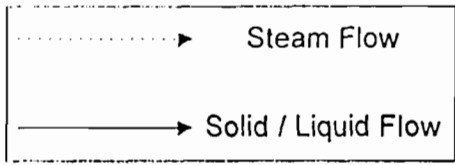
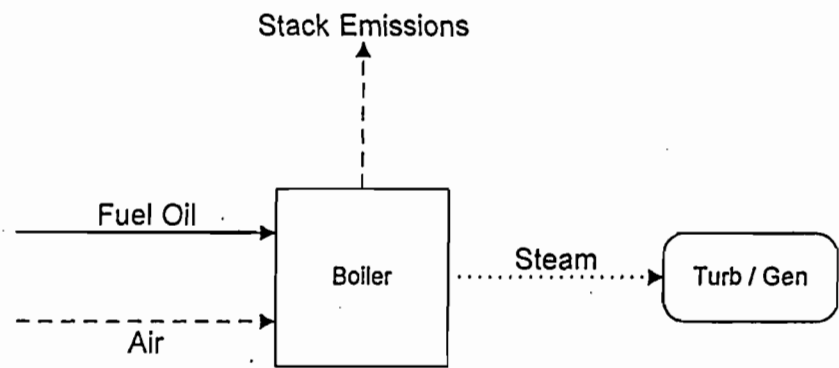
ATTACHMENT AN-EU1-H8

Table 1. Maximum Emissions for Emissions Limited Pollutants for Anclote Unit 1 and 2.

Pollutant	No. 6 Fuel Oil	
	Unit 1	Unit 2
Hours of Operation	8760	8760
Sulfur Dioxide (lb/hr) (Oil) = EF (lb/MMBtu) x Heat Input Rate (MMBtu/hr)		
Basis	DEP Rules	DEP Rules
EF (lb/MMBtu)	2.75	2.75
HIR (MMBtu/hr)	4964	4850
lb/hr	13651	13338
TPY	59791	58418
Particulate Matter (lb/hr) (Oil) = EF (lb/MMBtu) x Heat Input Rate (MMBtu/hr)		
TPY(normal+sootblowing) = lb/hr(normal) x 21/24 + lb/hr(sootblowing) x 3/24		
Basis (1)	DEP Rules	DEP Rules
EF (lb/MMBtu) (Oil; Sootblowing, load changing; annual)	0.3	0.3
EF (lb/MMBtu) (Oil; normal; annual)	0.1	0.1
HIR (MMBtu/hr)	4964	4850
lb/hr (normal)	496.4	485
lb/hr (sootblowing)	1489.2	1455
TPY (normal + sootblowing)	2717.8	2655.4

(1) FDEP Rule 62-296.405(1) and 62-296.800; 0.3 and 0.1 lb/MMBtu for soot-blowing and normal operations.

ATTACHMENT AN-EU1-L1
PROCESS FLOW DIAGRAM



Florida Power Corporation

Emission Unit: Boilers No. 1, 2

Process Area: Overall Plant

Emission Units

Anclote

Filename: FPC.VSD

Latest Revision Date: 11/7/95 05:24 PM



Engineering and Applied Sciences, Inc.

ATTACHMENT AN-EU1-L2
FUEL ANALYSIS OR SPECIFICATION

ATTACHMENT AN-EU1-L2

Fuel Analysis

Fuel	Density (lb/gal) ^a	Maximum % Weight Content			Heat Capacity
		Sulfur	Nitrogen	Ash ^b	
No. 1, 2 Fuel Oil	7.1	0.5	0.025 - 0.03	0.1	19,500 BTU/lb 138,000 Btu/gal
No. 3, 4 Fuel Oil	7.6	0.7	0.18	0.1	19,000 BTU/lb 144,000 Btu/gal
No. 5, 6 Fuel Oil	8.12	2.5	0.25 - 0.50	0.1	18,300 BTU/lb 152,000 BTU/gal
On-specification used oil	7.4	2.5	0.3	0.9	18,700 Btu/lb 138,000 Btu/gal

^a At 60 degrees F; data from laboratory analysis

^b Data from FPC procurement specification.

Source: The values are based upon information gathered by laboratory analysis and FPC's fuel purchasing specifications. However, analytical results from grab samples of fuel taken at any point in time may vary from those listed.

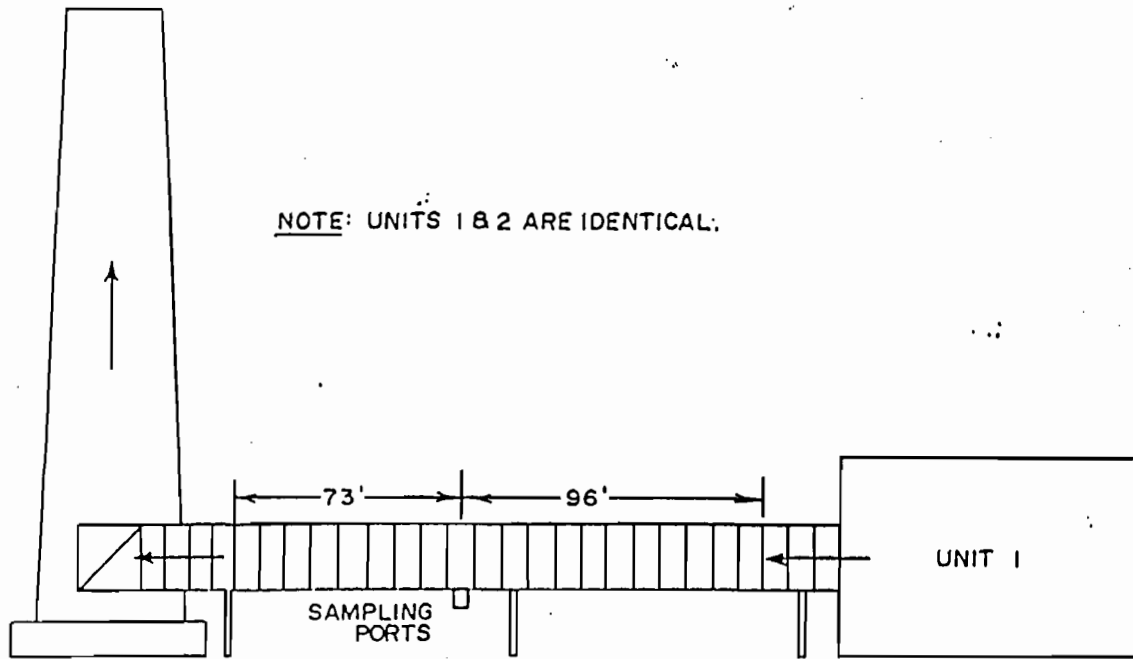
ATTACHMENT AN-EU1-L4

DESCRIPTION OF STACK SAMPLING FACILITIES

ATTACHMENT AN-EU1-L4
DESCRIPTION OF STACK SAMPLING FACILITIES

The Anclote Plant Steam Generator Unit No. 1 and 2 are required by Permit AO51-254492A and AO51-169340 to perform annual stack testing in accordance with standard EPA reference methods. Pursuant to FAC 62-297.345, the annual stack test required is performed with the required stack sampling facilities. A diagram depicting stack sampling facilities is presented as an attachment. As specified by rule, the permanent test facilities meet the following:

- The sampling ports have a minimum effective diameter of 3 inches.
- The location of the sampling ports meet FAC 297-345 (3)(a)(3) requirements (i.e., 2 stack diameters downstream and 0.5 stack diameters upstream of flow disturbances).
- At least two sampling ports, 90 degrees apart have been installed on the circular stack.
- The working platform is at least 24 square feet in area, at least three feet wide, extends 180 degrees around the stack, has safety rails, toeboards, and a hinged floor opening attached to it. There are no obstructions 14 inches below the port and 6 inches on either side of the port.
- The platform access ladder is equipped with a safety cage.

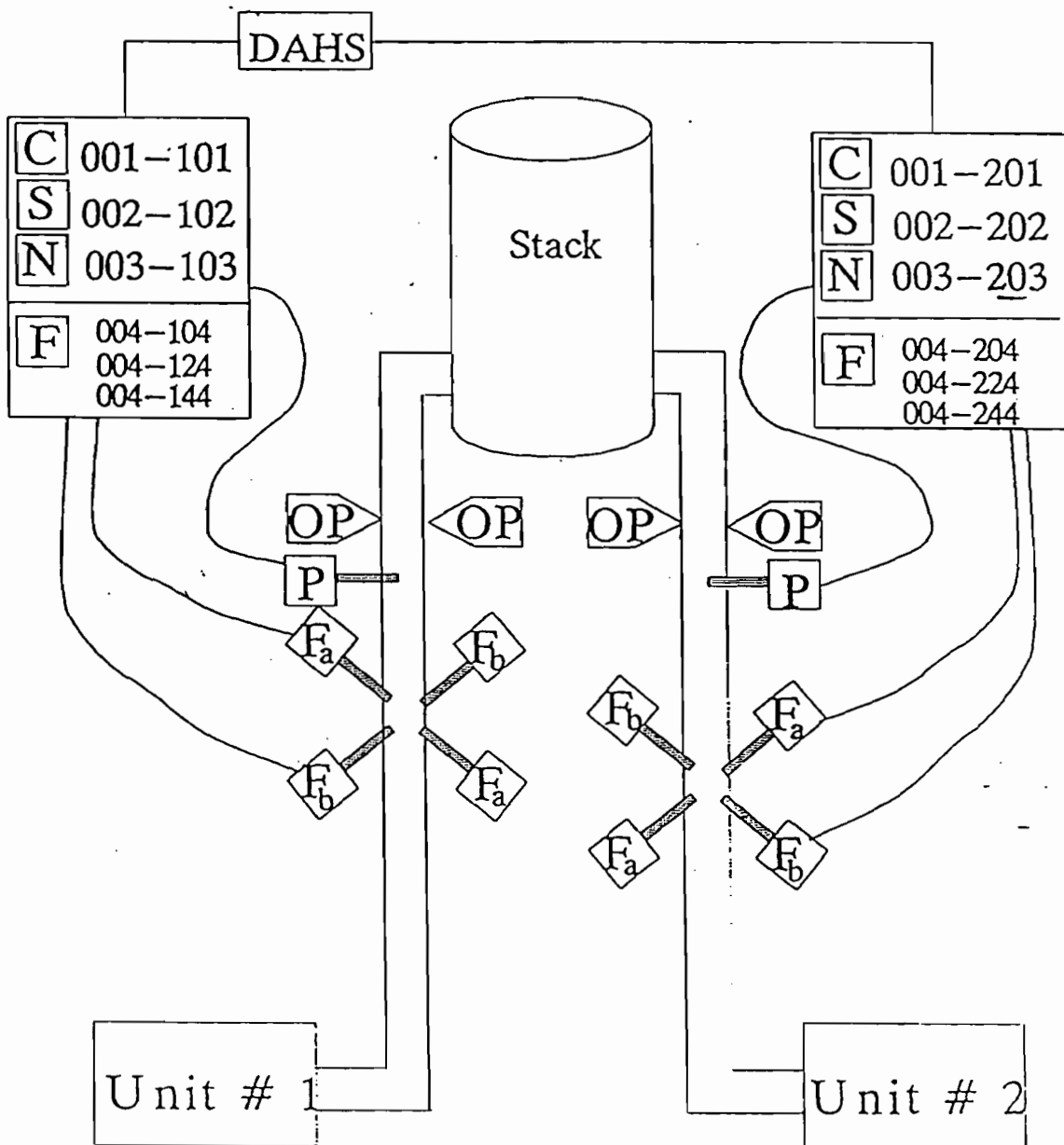


TRAVERSE POINT NUMBER	INCHES INSIDE STACK WALL
1	32.4
2	97.2
3	162.0
4	226.8
5	291.6

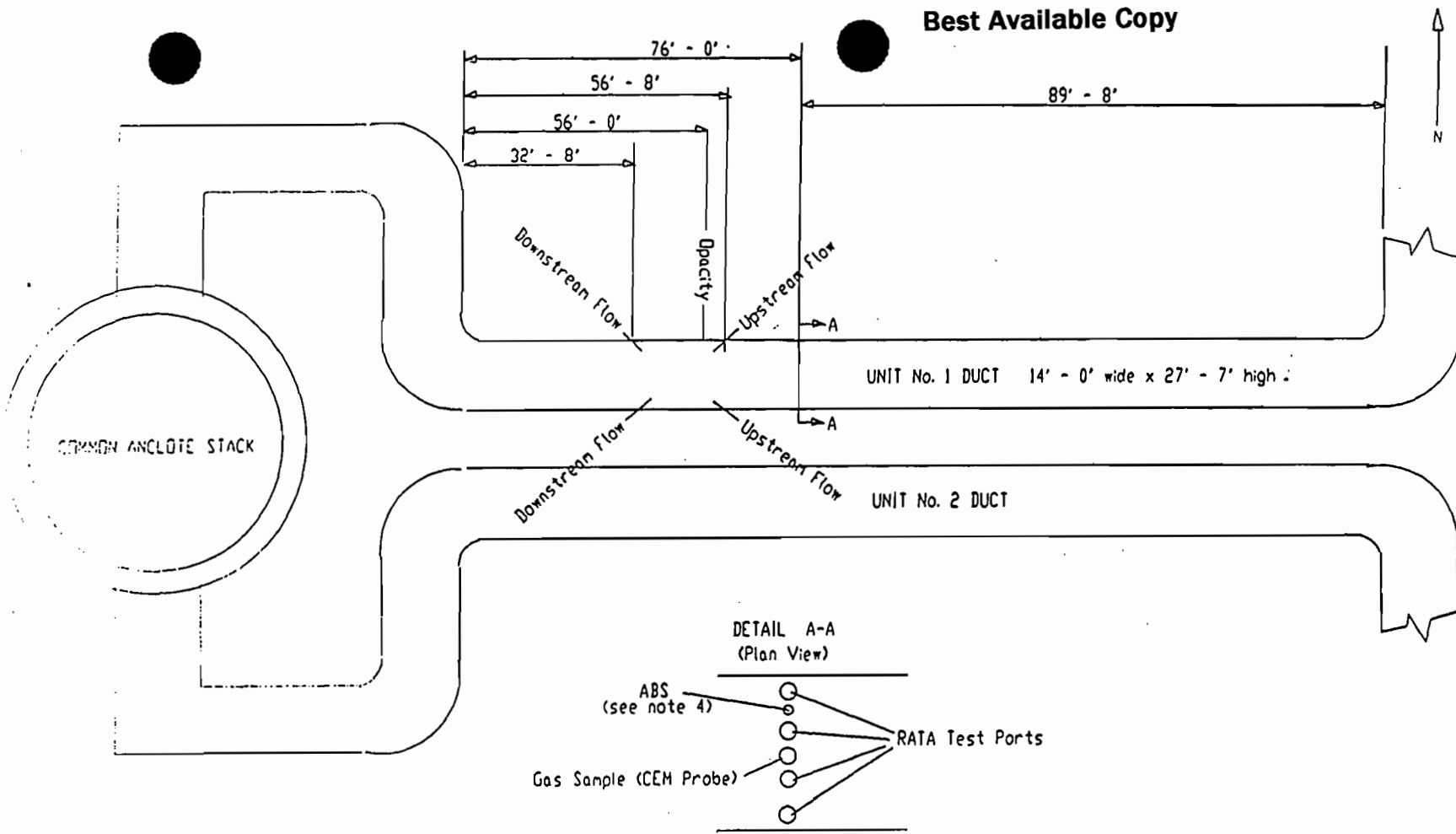
FIGURE 1.
EXHAUST SYSTEM SCHEMATIC
ANCLOTE PLANT UNITS 1 & 2
FLORIDA POWER CORPORATION
TARPON SPRINGS, FLORIDA

AIR CONSULTING
and
ENGINEERING

ANCLOTE Units No. 1 & 2 Florida Power Corp., Tarpon Springs, FL EPA Monitoring Plan Location Information (Part 2)

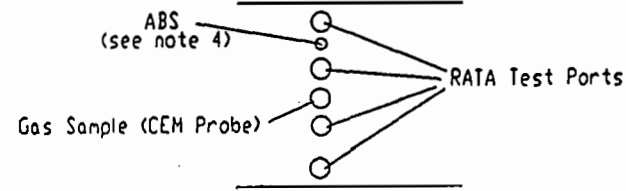


ORIS code : 8048
NADB Boiler ID : **1, & **2



ATTACHMENT NO. 2

DETAIL A-A
(Plan View)



NOTES

1. DUCT LINER CROSS SECTIONAL AREA AT FLOW PROBE LOCATION IS 386.2 SQFT.
2. EXIT OF DUCT CROSS SECTIONAL AREA IS 386.2 SQFT.
3. CEM MEASUREMENT POINT IS > 1.0 METER FROM THE LINER WALL.
4. ABS = ATMOSPHERIC PRESSURE PORT.

FLORIDA POWER CORPORATION ANCLOTE UNIT No. 1	
ORIS NO.	8048
NADB NO.	xx1

ATTACHMENT AN-EU1-L6
PROCEDURES FOR STARTUP AND SHUTDOWN

**ATTACHMENT AN-EU1-L6
PROCEDURES FOR STARTUP AND SHUTDOWN
MINIMIZING EXCESS EMISSIONS**

Startup of the fossil-fuel boilers begins when fuel (No. 2 and No. 6 fuel oil) is introduced into one or more burners within the boiler and lighted (commencement of combustion). Startup is complete and steady-state operation begins when the combustion process has stabilized and the megawatt load on the unit is stable and above 10 percent load.

Shutdown of the fossil-fuel boilers begins when unit megawatt load is decreased to below 10 percent of maximum and continues until the final burner gun is removed from service.

Emissions may be detected during all modes of boiler operation by various continuous emissions monitors. Continuous monitors are currently in place for NO_x, CO₂, and opacity. Audible and visual alarms are activated whenever the permitted value for opacity is approached.

Countermeasures which may be taken in the event of excess emissions include, but are not limited to:

- burner elevation loading
- proper excess air adjustments
- recognizing and removal of faulty burners
- fuel oil temperature adjustments
- proper and timely operation of boiler cleaning devices
- removal of the unit from system-dispatch mode (load control)
- reduction of unit megawatt load
- stopping and restarting of boiler cleaning devices
- lowering load ramp rate
- pressure rate changes
- placing boiler controls on manual
- adjusting burner dampers to increase windbox/furnace air pressure

Knowledge of the appropriate countermeasures to take when excess emissions occur is a part of the routine operator training for those who operate the boilers. Topics include current permit

limits, maximum allowable duration of excess emissions, appropriate countermeasures for excess emissions, duty to notify, and fuels and combustion training.

ATTACHMENT AN-EU1-L12

IDENTIFICATION OF ADDITIONAL APPLICABLE REQUIREMENTS

ADDITIONAL APPLICABLE REQUIREMENTS

Applicable Requirements as defined in Rule 62-210.200(29) not identified in Section D of this emission unit section are included in this attachment of the application. Any air operation permit issued by the Department (or local program designee) and included in this attachment is provided for information purposes. The specific conditions of the operating permit are not Applicable Requirements as defined in Rule 62-210.200(29) unless implementing a specific Applicable Requirement of the Department's rules (e.g., emission limitations).



Best Available Copy
Department of
Environmental Protection

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Environmental Svcs
Environmental Svcs
Virginia Department
Secretary

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

In the Matter of an Application
for permit by:

DEP File No.: A051-254492A
County: Pasco

Mr. W. Jeffrey Pardue, C.E.P.
Manager - Environmental Programs
Florida Power Corporation
Post Office Box 14042
St. Petersburg, FL 33733

Enclosed is Permit Number A051-254492A to operate an oil fired steam generator, Combustion Engineering, Inc., Type CCRR, Model No. 21097, designated as Anclote Unit No. 1 at your facility located on Anclote Road, west of Alternate 19, Tarpon Springs, issued pursuant to Section 403, Florida Statutes. By mutual agreement by the Department and Florida Power Corporation, this permit supercedes Permit No. A051-254492. Please read this new permit thoroughly as there are changes from the previous permit.

A person whose substantial interests are affected by this permit may petition for an administrative proceeding (hearing) in accordance with Section 120.57, 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 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of receipt of this permit. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57 Florida Statutes.

The Petition shall contain the following information;

- (a) The name, address, and the telephone number of each petitioner, the applicant's name and address, the Department 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 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 petitioner;
- (e) A statement of facts which petitioner contends warrants reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice, in the Office of General Counsel at the above address of the Department. Failure to petition within the allotted time frame constitutes a waiver of any rights such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, 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, 2600 Blair Street Road, Tallahassee, Florida 32399-2400; 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 Final Order is filed with the Clerk of the Department.

Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Eric Peterson
Air Permitting Engineer
Phone (813) 744-6100 Ext. 112

EP/
Attachment

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified mail before the close of business on JAN 31 1996 to the listed persons.

FILING AND ACKNOWLEDGEMENT FILED,
on this date, pursuant to Section
120.52(11), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.


clerk

JAN 31 1996
Date



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE:

Florida Power Corporation
Post Office Box 14042
St. Petersburg, FL 33733

PERMIT/PROJECT:

Permit No. A051-254492A
County: Pasco
Expiration Date: 03/06/2000
Project: Anclote Power Plant
Steam Unit No. 1

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-200 through 62-297 and 62-4. 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 department and made a part hereof and specifically described as follows:

For the operation of an oil fired steam generator, Combustion Engineering, Inc., Type CCRR, Model No. 21097, designated as Anclote Unit No. 1. This unit is fired primarily on No. 6 fuel oil with a maximum heat input of 4,964.4 MMBTU/hour. The unit has a rated electrical output of 535 MW (summer) and 540 MW (winter) dependent upon condenser cooling water intake temperature. This unit has no pollution control equipment. Unit No. 1 and No. 2 exhaust through one common stack.

This permit also allows firing with higher grades of fuel oil and on-specification used oil as specified within.

Location: Anclote Road, west of Alternate 19, Tarpon Springs

UTM: 17-334.4E 3204.5N

FACILITY ID: 1010017

EMISSIONS UNIT NO.: 001

Replaces Permit No.: A051-160331

PERMITTEE:
Florida Power Corporation

PERMIT/PROJECT:
Permit No. A051-254492A
Project: Anclote Power Plant
Steam Unit No. 1

SPECIFIC CONDITIONS:

1. As part of this permit is the attached 15 General Conditions. [Rule 62-4.160, F.A.C.]
2. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Rule 62-200 through 62-297, F.A.C., or any other requirements under federal, state or local law. [Rule 62-210.300, F.A.C.]
3. The maximum allowable particulate emission rate from this source shall be 0.1 pounds per MMBTU heat input, except for any 3 hours during a 24 hour period in which the boiler is being cleaned by soot blowing or experiencing a load change. Under these operating conditions the maximum allowable particulate emission rate shall be 0.3 pounds per MMBTU heat input providing best operational practices to minimize emissions are adhered to and the duration of excess emissions are minimized. [Rules 62-296.405 and 62-210.700, F.A.C.]
4. The maximum opacity from this source shall not exceed 40% as specified in the Order Granting Petition for Reduced Frequency of Particulate Testing (OGC File No.: 82-0514) dated November 7, 1982, except for: any 3 hours during a 24 hour period of excess emissions in which the boiler is being cleaned or experiencing a load change the opacity shall not exceed 60%, and allowing four (4) six minute periods during the 3 hour period of unlimited opacity providing best operational practices to minimize emissions are adhered to and the duration of excess emissions are minimized. [Rule 62-210.700, F.A.C.]
5. The maximum allowable SO₂ emission rate from this unit shall not exceed 2.75 lbs. SO₂/MMBTU heat input. [Rule 62-296.405(1)(c)1.j., F.A.C.]
6. This source is permitted to burn new No. 2, 3, 4, 5, and 6 fuel oil, as long as the emissions limitations of Specific Conditions Nos. 3, 4, and 5 are met. This source is also allowed to burn on-specification used (waste) oil. The following additional restrictions/limitations apply:

PERMITTEE:
Florida Power Corporation

PERMIT/PROJECT:
Permit No. AO51-254492A
Project: Anclote Power Plant
Steam Unit No. 1

SPECIFIC CONDITIONS:

6. (continued)

- A. On-specification used oil generated by Florida Power Corporation at the Anclote facility, as well as on-specification used oil generated off-site may be burned in this source. The maximum annual amount of on-specification used oil burned in this source shall not exceed 10% of the total heat input to the source.
- B. In order to be considered on-specification, the used oil shall meet the following specifications [40 CFR 279, Subpart B]:
1. Arsenic shall not exceed 5.0 ppm;
 2. Cadmium shall not exceed 2.0 ppm;
 3. Chromium shall not exceed 10.0 ppm;
 4. Lead shall not exceed 100.0 ppm;
 5. Total halogens shall not exceed 1,000 ppm;
 6. Flash point shall not be less than 100.0 degrees F

Off-site generated used oil shall meet the above specifications prior to delivery to the facility.

- C. Used oil containing a PCB concentration of 50 or more ppm shall not be burned in this source. Used oil shall not be blended to meet this requirement. On-specification used oil with a PCB concentration of 2 to 49 ppm shall be burned only at normal source operating temperatures; it shall not be burned during periods of startup or shutdown.

Prior to burning used oil with a PCB concentration of 2 to 49 ppm, provide the marketer with a one time written notice certifying that the used oil will be burned in a qualified combustion device (40 CFR 279.61 and 40 CFR 260.10).

[40 CFR 761 Subparts A, B, and D]

7. In order to document compliance with the requirements of Specific Condition No. 6:

PERMITTEE:
Florida Power Corporation

PERMIT/PROJECT:
Permit No. AO51-254492A
Project: Anclote Power Plant
Steam Unit No. 1

SPECIFIC CONDITIONS:

7. (continued)

- A. Each batch of used oil to be burned shall be sampled and analyzed for arsenic, cadmium, chromium, lead, total halogens, flash point, and PCBs* using EPA/DEP or ASTM approved methods.

*A claim that used oil does not contain quantifiable levels (2 ppm or greater) of PCBs must be documented by analysis or other information. The first person making the claim that the used oil does not contain PCBs is responsible for furnishing the documentation. The documentation can be tests, personal or special knowledge of the source and composition of the used oil, or a certification from the person generating the used oil claiming that the oil contains no detectable PCBs.

- B. Records of the following shall be kept:

1. Results of the analyses in 7.A. above;
2. The source of each batch of on-specification used oil to be burned.
3. Gallons of on-specification used oil burned, including monthly and year to date totals.
4. Gallons of Nos. 2, 3, 4, 5, or 6 fuel oil burned, including monthly and year to date totals.
5. Documentation that the used oil contains less than 2 ppm PCBs, if claimed, including the name and title of person making the claim.

The above records shall be recorded in a permanent form suitable for inspection at the plant by the Department upon request, and shall be retained for at least a three (3) year period.

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

PERMITTEE:
Florida Power Corporation

PERMIT/PROJECT:
Permit No. AO51-254492A
Project: Anclote Power Plant
Steam Unit No. 1

SPECIFIC CONDITIONS:

8. This source is allowed to operate a maximum of 8,760 hours per year. [Application dated July 13, 1994]

9. Test the emissions for the following pollutant(s) annually within 60 days prior to the date of **June 28th**. Submit a copy of the test data to the Air Section of the Department's Southwest District Office within 45 days of such testing:

[Rules 62-297.340 and 62-297.570(2), F.A.C.]

<input checked="" type="checkbox"/> Particulates**	<input checked="" type="checkbox"/> Sulfur Oxides* **
<input checked="" type="checkbox"/> Opacity**	<input type="checkbox"/> Nitrogen oxides
<input type="checkbox"/> Hydrocarbons	<input type="checkbox"/> Fluorides
<input type="checkbox"/> Total Reduced Sulfur	

* A fuel analysis of a representative fuel sample and a calculation of the sulfur dioxide emission rate based on the fuel analysis and consumption may be submitted in lieu of the required sulfur oxides emission test.

** stack test for particulate matter, visible emissions, and sulfur dioxide under soot blowing and non-soot blowing operating conditions while firing No. 6 fuel oil or No. 6 fuel oil/on-specification used oil.

10. Compliance with the emission limitations of Specific Condition Nos. 3, 4, and 5 shall be determined using EPA Methods 1, 2, 3, 4, 5 or 17, 6 (see Specific Condition No. 9), and 9, as contained in 40 CFR 60, Appendix A and adopted by reference in Section 62-297, F.A.C. The minimum requirements for stack sampling facilities, source sampling and reporting shall be in accordance with Section 62-297, F.A.C. and 40 CFR 60, Appendix A. The visible emissions test shall be conducted simultaneously with the particulate test by a certified observer and be a minimum of sixty (60) minutes in duration.

11. The permittee shall notify the Southwest District Office of the Department at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted. [Rule 62-297.340(1)(i), F.A.C.]

PERMITTEE:
Florida Power Corporation

PERMIT/PROJECT:
Permit No. AO51-254492A
Project: Anclote Power Plant
Steam Unit No. 1

SPECIFIC CONDITIONS:

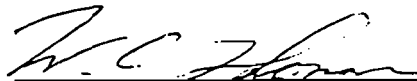
12. Testing of emissions must be conducted within 90-100% of the maximum permitted capacity of 4,964.4 MMBTU/hour or the applicable rated electrical output listed on page one of this permit. A compliance test submitted at a rate less than 90% of the maximum permitted rate will automatically constitute an amended permit rate at that lesser rate plus 10%. Within 30 days of that lower amended permitted rate being exceeded by more than 10%, a new compliance test shall be conducted at the higher rate. The test results shall be submitted to the Southwest District Office of the Department within 45 days of testing. Acceptance of the test by the Department will automatically constitute an amended permit at the higher tested rate plus 10%, but in no case shall the maximum permitted rate of 4,964.4 MMBTU/hour be exceeded. Failure to submit the applicable operating parameters, including the percentage of used oil burned, and production rate with the test report may invalidate the tests and fail to provide reasonable assurance of compliance.

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

13. Submit to this office for this source, each calendar year and on or before March 1, an emission report [DEP Form 62-210.900(5)] for the preceding calendar year pursuant to Rule 62-210.370(3), F.A.C.

14. Four applications for a Title V permit shall be submitted to the Tallahassee Office of the Department in accordance with the provisions of Rule 62-213.420, F.A.C.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION



W. C. Thomas, P.E.
District Air Administrator
Southwest District

ATTACHMENT - GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

GENERAL CONDITIONS:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

GENERAL CONDITIONS:

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Compliance with New Source Performance Standards (NSPS)

14. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
- c. Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the dates analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

RULES OF THE ADMINISTRATION COMMISSION, MODEL RULES OF PROCEDURE
CHAPTER 28-5, DECISIONS DETERMINING SUBSTANTIAL INTERESTS
PART II, FORMAL HEARINGS
A) PREHEARING PROCEDURES

28-5.201 Initiation of Formal Proceedings.

(1) Initiation of formal proceedings shall be made by petition to the Agency responsible for rendering final Agency action. The term petition as used herein includes any application or other document which expresses a request for formal proceedings. Each petition should be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double-spaced and indented.

(2) - All petitions filed under these rules should contain:

(a) The name and address of each Agency affected and each Agency's file or identification number, if known;

(b) The name and address of the petitioner or petitioners, and an explanation of how his/her substantial interests will be affected by the Agency determination;

(c) A statement of when and how petitioner received notice of the Agency decision of intent to render a decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A demand for relief to which the petitioner deems himself entitled; and

(g) Other information which the petitioner contends is material.

(3) Upon receipt of a petition for formal proceedings, the Agency shall either accept or deny the petition, and if accepted shall elect either to conduct the hearing itself through the Agency head, or member thereof, assign a person authorized by Subsection 120.57(1)(a) or other authority, or request that a Hearing Officer from the Division of Administrative Hearings be assigned to conduct the hearing.

(a) A petition may be denied if the petitioner does not state adequately a material factual allegation, such as a substantial interest in the Agency determination, or if the petition is untimely.

(b) The Agency shall promptly give written notice to all parties of the action taken on the petition, and shall state with particularity its reasons therefor.

(4) If the Agency elects to request that a Hearing Officer of the Division of Administrative Hearings be assigned to conduct the hearing, the Agency shall forward the petition, and all materials filed with the Agency, to the Division of Administrative hearings, and shall notify all parties of its action.

Specific Authority: 120.53(1), 120.54(10), F.S.

Law Implemented: 120.57, F.S.

History: New 3-23-80

Section 17-103.155, Florida Administrative Code
Rules of Administrative Procedure
Final Agency Action (Non-Rulemaking) and Appeal

17-103.155 Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.

(1)(a) Any person whose substantial interests may be affected by proposed or final agency action by the Department may file a petition for formal administrative hearing in accordance with this rule if the person disputes the material facts upon which the Department's action is based.

(b) Any person whose substantial interests may be affected by proposed or final action by the Department may file a petition for informal administrative hearing in accordance with this rule if the person objects to the Department's action but does not dispute the material facts upon which the Department's action is based.

(2) A petition for formal or informal administrative hearing pursuant to Section 120.57, F.S., shall contain the following information:

(a) The name, address, and telephone number of each petitioner. If the petitioner challenges a Department action or proposed action on a permit application, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed shall also be included;

(b) A statement of how and when each petitioner received notices of the Department 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 those material facts (i.e., those facts upon which the Department's action or proposal is based) is disputed by petitioner. If no facts are disputed, petitioner shall so state;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action;

(g) A statement of relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

(3)(a) A petition shall be in the form required by this rule and must be filed (received) in the Office of General Counsel of the Department within the following number of days after receipt or publication (whichever occurs first) of notice of proposed agency action or of notice of agency action:

1. Petitions concerning Department action or proposed action on applications for permits (except permits for hazardous waste facilities): 14 days;

2. Petitions concerning Department action or proposed action on applications for hazardous waste facility permits: 45 days;

3. Petitions concerning notices of violation when no informal conference is held: 20 days after receipt of the notice of violation;

4. Petitions concerning notices of violation when an informal conference is held: 10 days after receipt of notice of completion of the informal conference;

5. Petitions concerning other Department actions or proposed actions: 21 days. The petitioner shall also serve a copy of the petition on all other parties to the proceeding, as identified in the published notice, at the time of filing.

(b) Failure to timely file a petition within the applicable time period after receipt of notice of agency action or receipt of notice of proposed agency action, whichever notice first occurs, shall constitute a waiver of any right to request an administrative proceeding under Chapter 120, F.S.

(4) If a petition is filed that does not substantially comply with the requirements of subsection (2) of this rule, the Department shall issue an order dismissing the petition with leave to file an amended petition complying with the requirements of this rule within 15 days of service of the order. If an amended petition complying with this rule is not filed (received) within 15 days of service of the order, the petitioner's right to a proceeding under Section 120.57, F.S., is waived.

(5) When there has been no publication of notice of agency action or notice of proposed agency action as prescribed in Rule 17-103.150, F.A.C., a person who has actual knowledge of the agency action or has knowledge which would lead a reasonable person to conclude that the Department has taken final agency action, has a duty to make further inquiry within 14 days of obtaining such knowledge by contacting the Department to ascertain whether action has occurred. The Department shall upon receipt of such an inquiry, if agency action has occurred, promptly provide the person with notice as prescribed by Rule 17-103.150, F.A.C. Failure of the person to make inquiry with the Department within 14 days after obtaining such knowledge may stop the person from obtaining an administrative proceeding on the agency action.

(6)(a) "Receipt of notice of agency action" means receipt of written notice of final agency action, as prescribed by Department rule, or the publication, pursuant to Department rule, of notice of final agency action, whichever first occurs.

(b) "Receipt of notice of proposed agency action" means receipt of written notice (such as a letter of intent) that the Department proposes to take certain action, or the publication pursuant to Department rule of notice of proposed agency action, whichever first occurs.

(7) Notwithstanding any other provision in this Chapter, should a substantially affected person who fails to timely request a hearing under Section 120.57, F.S., administratively appeal the final Department action or order, the record on appeal shall be limited to:

(a) the application and accompanying documentation submitted by the applicant prior to the issuance of the agency's intent to issue or deny the requested permit;

(b) the materials and information relied upon by the agency in determining the final agency action or order;

(c) any notices issued or published; and

(d) the final agency action or order entered concerning the permit application.

(8) In such cases where persons do not timely exercise their rights accorded by Section 120.57(1), Florida Statutes, the allegations of fact contained in or incorporated by the final agency action shall be deemed uncontested and true, and appellants may not dispute the truth of such allegations upon subsequent appeal.

(9) Any applicant may challenge the Department's request for additional information by filing with the Office of General Counsel an appropriate petition for administrative proceeding pursuant to Section 120.60, F.S., following receipt by the applicant of the Department's notification pursuant to Section 403.0876, F.S., that additional information is required.

Specific Authority: 120.53, 403.0876, 403.815, F.S.

Law Implemented: 120.53, F.S.

History: New 9-20-79; Amended 4-28-81; Transferred from 17-1.62 and Amended 6-1-84; Amended 10-19-88.

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of:)
)
Petition for Reduction in)
Semiannual Particulate)
Emissions Compliance Testing,) OGC File No. 86-1574
Anclote Unit No. 1;)
Florida Power Corporation)
)
Petitioner.)
_____)

ORDER

On February 18, 1986, the Petitioner, Florida Power Corporation, filed a Petition for Reduction in the Frequency of Particulate Emissions Compliance Testing pursuant to Florida Administrative Code Rule 17-2.600(5)(b)1. for the following fossil fuel steam generating unit:

Anclote Unit No.1

Pursuant to Florida Administrative Code Rule 17-2.600(5)(b)1., and by Order dated November 7, 1982, Petitioner has conducted semiannual particulate emission compliance tests. Florida Administrative Code Rule 17-2.600(5)(b)1. provides that the Department may reduce the frequency of particulate testing upon a demonstration that the particulate standard of 0.1 pound per million Btu heat input has been regularly met. The petition and supporting documentation submitted by Petitioner indicate that, since February 19, 1982, Petitioner has regularly met the particulate standard. It is therefore,

ORDERED that the Petition for Reduction in the Frequency of Particulate Emissions Compliance Testing in GRANTED. Petitioner may immediately commence testing on an annual basis. Test results from the first regularly scheduled compliance test conducted in FY 87 (October 1, 1986 - September 30, 1987), provided the results of that test meet the particulate standard and the 40% opacity standard, shall be accepted as results from the first annual test. Failure of Anclote Unit No.1 to meet

either the particulate standard or the 40% opacity standard in the future shall constitute grounds for revocation of this authorization.

Persons whose substantial interests are affected by the above proposed agency action have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on the proposed action. The Petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Persons whose substantial interests will be affected by any decision of the Department have the right to intervene in the proceeding. A petition for the intervention must be filed pursuant to Model Rule 28-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the Hearing Officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no Hearing Officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a

Best Available Copy

waiver of any right such person has to an administrative determination (hearing) under Section 120.57, Florida Statutes.

DONE AND ORDERED this 11th day of Dec, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

FILING AND ACKNOWLEDGEMENT

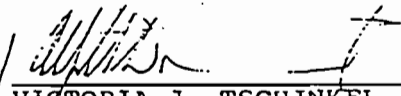
FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

C. Hutchins

Clerk

12-12-86

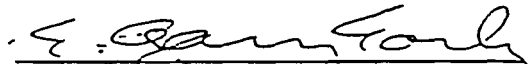
Date


VICTORIA J. TSCHINKEL
Secretary

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida
32399-2400
Telephone (904)488-9730

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing ORDER has been furnished by United States Mail to J.A. Hancock, Vice President, Fossil Operations, Florida Power Corporation, Post Office Box 14042, St. Petersburg, Florida 33733; on this 12 day of December, 1986, in Tallahassee, Florida.


E. Gary Early
Assistant General Counsel

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida
32399-2400
Telephone (904)488-9730

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of:)
)
Petition for Reduction in)
Semiannual Particulate)
Emissions Compliance Testing,) OGC File No. 86-1575
Anclote Unit No. 2;)
Florida Power Corporation)
)
Petitioner.)
_____)

ORDER

On February 18, 1986, the Petitioner, Florida Power Corporation, filed a Petition for Reduction in the Frequency of Particulate Emissions Compliance Testing pursuant to Florida Administrative Code Rule 17-2.600(5)(b)1. for the following fossil fuel steam generating unit:

Anclote Unit No.2

Pursuant to Florida Administrative Code Rule 17-2.600(5)(b)1., and by Order dated November 7, 1982, Petitioner has conducted semiannual particulate emission compliance tests. Florida Administrative Code Rule 17-2.600(5)(b)1. provides that the Department may reduce the frequency of particulate testing upon a demonstration that the particulate standard of 0.1 pound per million Btu heat input has been regularly met. The petition and supporting documentation submitted by Petitioner indicate that, since March 2, 1982, Petitioner has regularly met the particulate standard. It is therefore,

ORDERED that the Petition for Reduction in the Frequency of Particulate Emissions Compliance Testing is GRANTED. Petitioner may immediately commence testing on an annual basis. Test results from the first regularly scheduled compliance test conducted in FY 87 (October 1, 1986 - September 30, 1987), provided the results of that test meet the particulate standard and the 40% opacity standard, shall be accepted as results from

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either the particulate standard or the 40% opacity standard in the future shall constitute grounds for revocation of this authorization.

Persons whose substantial interests are affected by the above proposed agency action have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on the proposed action. The Petition must conform to the requirements of Chapters 17-103 and 28-5, Florida Administrative Code, and must be filed (received) with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the proposed agency action. Persons whose substantial interests will be affected by any decision of the Department have the right to intervene in the proceeding. A petition for the intervention must be filed pursuant to Model Rule 26-5.207, Florida Administrative Code, at least five (5) days before the final hearing and be filed with the Hearing Officer if one has been assigned at the Division of Administrative Hearings, Department of Administration, 2009 Apalachee Parkway, Tallahassee, Florida 32301. If no Hearing Officer has been assigned, the petition is to be filed with the Department's Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Failure to petition to intervene within the allowed time frame constitutes a

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waiver of any right such person has to an administrative determination (hearing) under Section 120.57, Florida Statutes.

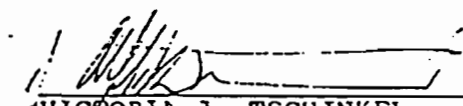
DONE AND ORDERED this 17th day of Dec, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

FILING AND ACKNOWLEDGEMENT

FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

C. Hutchings 12-12-86
Clerk Date



VICTORIA J. TSCHINKEL
Secretary

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida
32399-2400
Telephone (904)488-9730

1

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing ORDER has been furnished by United States Mail to J.A. Hancock, Vice President, Fossil Operations, Florida Power Corporation, Post Office Box 14042, St. Petersburg, Florida 33733; on this 12 day of December, 1986, in Tallahassee, Florida.



E. Gary Early
Assistant General Counsel

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida
32399-2400
Telephone (904)488-9730

ATTACHMENT AN-EU1-L13
COMPLIANCE ASSURANCE MONITORING PLAN

ATTACHMENT AN-EU1-L13

Compliance Assurance Monitoring Plan to be submitted to implementing agency by required date.

ATTACHMENT AN-EU1-L14
ACID RAIN PERMIT APPLICATION

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

Anclote Power Plant, FL, 8048

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		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
**1	Yes	No		
**2	Yes	No		
	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

STEP 4
Read the standard requirements and certification, enter the name of the designated representative, and sign and date

Plant Name (from Step 1)
Anclote Power Plant

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)
Anclote Power Plant

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,

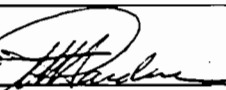
(5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

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 *W. Jeffrey Pardue, C.E.P., Director, Environmental Services Dept.*

Signature



Date

12/14/95

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

AIRS
FINDS



Certificate of Representation

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	Anclote	State	FL	ORIS Code	8048
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STEP 2
Enter requested information for the designated representative

Name	W. Jeffrey Pardue				
Address	Florida Power Corporation 3201 - 34th Street South, MAC H2G St. Petersburg, FL 33711				
Phone Number	(813) 866-4387	Fax Number	(813) 866-4926		

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

Name					
Address					
Phone Number			Fax Number		

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

Plant Name (from Step 1) Anclote

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>[Signature]</i>	Date <u>11/8/94</u>
Signature (alternate)	Date

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 <u>Florida Power Corporation</u>						<input checked="" type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
ID# <u>1</u>	ID# <u>2</u>	ID#	ID#	ID#	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities <u>Florida Public Service Commission</u>							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities							

Name						<input type="checkbox"/> Owner	<input type="checkbox"/> Operator
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
ID#	ID#	ID#	ID#	ID#	ID#	ID#	
Regulatory Authorities							

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

**A. TYPE OF EMISSIONS UNIT
(Regulated and Unregulated Emissions Units)****Type of Emissions Unit Addressed in This Section**

1. Regulated or Unregulated Emissions Unit? Check one:

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**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): Oil Fired Steam Generator Unit 2		
2. Emissions Unit Identification Number: [] No Corresponding ID [] Unknown 002		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? [X] Yes [] No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): Tangential-fired unit		

Emissions Unit Control Equipment Information

A.

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

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:	31 Oct 1978	
2. Long-term Reserve Shutdown Date:		
3. Package Unit: Manufacturer:	Model Number:	
4. Generator Nameplate Rating:	525 MW	
5. Incinerator Information:		
	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

Emissions Unit Operating Capacity

1. Maximum Heat Input Rate:	4,850	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):	Gen. rating - Summer. Winter rating - 530 MW	

Emissions Unit Operating Schedule

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

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II Applications and Category III applications involving non Title-V sources. See Instructions.)

Not Applicable

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

See Attachment AN-EU2-D

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram:	
01	
2. Emission Point Type Code:	
[] 1 [x] 2 [] 3 [] 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):	
Unit 1 and Unit 2 share a common stack.	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:	
001, 002	
5. Discharge Type Code:	
[] D [] F [] H [] P [] R [x] V [] W	
6. Stack Height:	499 feet
7. Exit Diameter:	24 feet
8. Exit Temperature:	320 °F

9. Actual Volumetric Flow Rate:	1,692,307	acfm
10. Percent Water Vapor:		%
11. Maximum Dry Standard Flow Rate:		dscfm
12. Nonstack Emission Point Height:		feet
13. Emission Point UTM Coordinates:		
Zone: 17	East (km): 324.4	North (km): 3118.7
14. Emission Point Comment (limit to 200 characters):		

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

Segment Description and Rate: Segment 1 of 5

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Ext. Comb. boiler electric generating distillate oil No. 1 and No. 2.	
2. Source Classification Code (SCC): <p style="text-align: center;">1-01-005-01</p>	
3. SCC Units: <p style="text-align: center;">Thousand Gallons Burned</p>	
4. Maximum Hourly Rate: <p style="text-align: center;">35.15</p>	5. Maximum Annual Rate: <p style="text-align: center;">307,870</p>
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: <p style="text-align: center;">0.5</p>	8. Maximum Percent Ash: <p style="text-align: center;">0.1</p>
9. Million Btu per SCC Unit: <p style="text-align: center;">138</p>	
10. Segment Comment (limit to 200 characters): 1) No. 2 distillate oil is burned during startup and for boiler stabilization during load changes. 2) Unit is tangentially fired. 3) Heat Content - HHV.	

Segment Description and Rate: Segment 2 of 5

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Ext. Comb. Boiler electric generating residual oil No. 6.	
2. Source Classification Code (SCC): 1-01-004-04	
3. SCC Units: Thousand Gallons Burned	
4. Maximum Hourly Rate: 31.91	5. Maximum Annual Rate: 279,513
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 2.5	8. Maximum Percent Ash: 0.1
9. Million Btu per SCC Unit: 152	
10. Segment Comment (limit to 200 characters): 1) Unit is tangentially fired. 2) Heat Content - HHV.	

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

Segment Description and Rate: Segment 3 of 5

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Ext. Comb. Boiler, electric generating residual oil No. 5	
2. Source Classification Code (SCC): 1-01-004-06	
3. SCC Units: Thousand gallons burned	
4. Maximum Hourly Rate: 31.91	5. Maximum Annual Rate: 279,513
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 2.5	8. Maximum Percent Ash: 0.1
9. Million Btu per SCC Unit: 152	
10. Segment Comment (limit to 200 characters): 1) Unit is tangentially fired. 2) Heat content - HHV.	

Segment Description and Rate: Segment 4 of 5

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Ext. Comb. Boiler, electric generating residual oil No. 4	
2. Source Classification Code (SCC): 1-01-005-05	
3. SCC Units: Thousand gallons burned	
4. Maximum Hourly Rate: 33.681	5. Maximum Annual Rate: 295,042
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 0.7	8. Maximum Percent Ash:
9. Million Btu per SCC Unit: 144	
10. Segment Comment (limit to 200 characters): Maximum Percent Ash: 0.01. 1) Unit is tangentially-fired. 2) Heat content - HHV. 3) Also, No. 3 fuel oil.	

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

Segment Description and Rate: Segment 5 of 5

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): On - specification used oil	
2. Source Classification Code (SCC): 1-01-013-02	
3. SCC Units: Thousand gallons burned	
4. Maximum Hourly Rate: 35.15	5. Maximum Annual Rate: 30,787
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 2.5	8. Maximum Percent Ash: 0.9
9. Million Btu per SCC Unit: 138	
10. Segment Comment (limit to 200 characters): Heat content - HHV. Limited to 10% annual heat input.	

Segment Description and Rate: Segment of

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**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
PM			EL
PM10			NS
SO2			EL
NOX			NS
CO			NS
VOC			NS
H107			NS
H133			NS
HAPS			NS
FL			NS

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

Pollutant Detail Information:

1. Pollutant Emitted: PM		
2. Total Percent Efficiency of Control:		%
3. Potential Emissions:	1,455.1 lb/hour	2,655.4 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" 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: 0.3 lb/MMBtu		
Reference: FDEP Rule 62-210.700		
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):		
See Attachment AN-EU1-H8		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):		
1) Potential lb/hr based on sootblowing while burning oil. 2) Potential TPY based on 0.125 lb/MMBtu (0.1 lb/MMBtu during normal 21 hrs; 0.3 lb/MMBtu during sootblowing 3 hrs) in a 24-hr period.		

Emissions Unit Information Section 2 of 4
Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: RULE		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units: 0.1 lb/MMBtu		
4. Equivalent Allowable Emissions:	485 lb/hour	2,124.3 tons/year
5. Method of Compliance (limit to 60 characters): Annual compliance test, EPA Method 5 or 17		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): 1) Based on oil firing during normal operations. 2) Rule 62-210.700.		

B.

1. Basis for Allowable Emissions Code: RULE		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units: 0.3 lb/MMBtu		
4. Equivalent Allowable Emissions:	1,455 lb/hour	796.6 tons/year
5. Method of Compliance (limit to 60 characters): Annual compliance test, EPA Method 5 or 17		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): 1) Based on oil firing during sootblowing operations (3 hours in 24 hours). 2) Rule 62-210.700.		

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:		0 %
3. Potential Emissions:	13,338 lb/hour	58,418 tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" 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:		2.75 lb/MMBtu
Reference: FDEP 62-296.405(1)		
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): See Attachment AN-EU1-H8		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): 1) Based on No. 6 oil firing.		

Emissions Unit Information Section 2 of 4
Allowable Emissions (Pollutant identified on front page)

A.

1. Basis for Allowable Emissions Code: RULE		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units: 2.75 lb/MMBtu		
4. Equivalent Allowable Emissions:	13,338 lb/hour	58,418 tons/year
5. Method of Compliance (limit to 60 characters): Fuel Analysis during emission test.		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): 1) Firing No. 6 fuel oil. 2) Rule 62-296.405(1).		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitations: Visible Emissions Limitation 1 of 4

1.	Visible Emissions Subtype: VE40
2.	Basis for Allowable Opacity: <input type="checkbox"/> Rule <input checked="" type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: 40 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance: EPA Method 9 - annual compliance test.
5.	Visible Emissions Comment (limit to 200 characters): 1) 40% opacity allowed by OGC File No. 86-1575 dated 12/11/86. 2) Visible emission limit at steady state. 3) Rule 62-296.405(1).

Visible Emissions Limitations: Visible Emissions Limitation 2 of 4

1.	Visible Emissions Subtype: VE60
2.	Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: 60 % Exceptional Conditions: 100 % Maximum Period of Excess Opacity Allowed: 24 min/hour
4.	Method of Compliance: EPA Method 9
5.	Visible Emissions Comment (limit to 200 characters): 1) 60% opacity is allowed during load changing and boiler cleaning 3 hours in a 24-hour period and unlimited opacity allowed for 4 six-minute periods during 3 hours. 2) Rule 62-210.700(3).

I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)

Visible Emissions Limitations: Visible Emissions Limitation 3 of 4

1.	Visible Emissions Subtype: VE
2.	Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: 100 % Maximum Period of Excess Opacity Allowed: 60 min/hour
4.	Method of Compliance: Best operational practices
5.	Visible Emissions Comment (limit to 200 characters): Rule 62-210.700(1). Excess emissions allowed for 2 hr/24 hr, malfunction.

Visible Emissions Limitations: Visible Emissions Limitation 4 of 4

1.	Visible Emissions Subtype: VE
2.	Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: 100 % Maximum Period of Excess Opacity Allowed: 60 min/hour
4.	Method of Compliance: Best operational practices
5.	Visible Emissions Comment (limit to 200 characters): Rule 62-210.700(2). Excess emissions for startup and shutdown.

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

Continuous Monitoring System Continuous Monitor 1 of 5

1. Parameter Code: CO2	2. Pollutant(s):
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Monitor Manufacturer: TECO Model Number: 41 H Serial Number: 41 H-45741-274	
5. Installation Date: 02 Dec 1994	
6. Performance Specification Test Date: 02 Dec 1994	
7. Continuous Monitor Comment (limit to 200 characters): 40 CFR 72.6	

Continuous Monitoring System Continuous Monitor 2 of 5

1. Parameter Code: EM	2. Pollutant(s): SO2
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Monitor Manufacturer: TECO Model Number: 43B Serial Number: 43B-46127-275	
5. Installation Date: 02 Dec 1994	
6. Performance Specification Test Date: 02 Dec 1994	
7. Continuous Monitor Comment (limit to 200 characters): 40 CFR 72.6.	

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

Continuous Monitoring System Continuous Monitor 3 of 5

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: TECO Model Number: 42 Serial Number: 42-45964-275K	
5. Installation Date: 02 Dec 1994	
6. Performance Specification Test Date: 02 Dec 1994	
7. Continuous Monitor Comment (limit to 200 characters): 40 CFR 72.6.	

Continuous Monitoring System Continuous Monitor 4 of 5

1. Parameter Code: FLOW	2. Pollutant(s):
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Monitor Manufacturer: United Sciences Model Number: Ultra Flow 100 Serial Number: 9303515	
5. Installation Date: 02 Dec 1994	
6. Performance Specification Test Date: 02 Dec 1994	
7. Continuous Monitor Comment (limit to 200 characters): 40 CFR 72.6. Second Monitor - Ser. No. 9303514.	

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

Continuous Monitoring System Continuous Monitor 5 of 5

1. Parameter Code: VE	2. Pollutant(s):
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information: Monitor Manufacturer: Model Number: Serial Number: 29857	
5. Installation Date: 02 Dec 1994	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters): 40 CFR 72.6	

Continuous Monitoring System Continuous Monitor _____ of _____

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement: <input type="checkbox"/> Rule <input type="checkbox"/> 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):	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)**

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

- The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.
- The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.
- None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:		
	PM	<input type="checkbox"/> C	<input type="checkbox"/> E <input checked="" type="checkbox"/> Unknown
	SO ₂	<input type="checkbox"/> C	<input type="checkbox"/> E <input checked="" type="checkbox"/> Unknown
	NO ₂	<input type="checkbox"/> C	<input type="checkbox"/> E <input checked="" type="checkbox"/> Unknown
4.	Baseline Emissions:		
	PM	lb/hour	tons/year
	SO ₂	lb/hour	tons/year
	NO ₂		tons/year
5.	PSD Comment (limit to 200 characters):		
	Baseline emissions not known		

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

1.	Process Flow Diagram	<input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L1</u>	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
2.	Fuel Analysis or Specification	<input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L2</u>	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
3.	Detailed Description of Control Equipment	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
4.	Description of Stack Sampling Facilities	<input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L4</u>	<input type="checkbox"/> Not Applicable	<input type="checkbox"/> Waiver Requested
5.	Compliance Test Report	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Previously Submitted, Date: <u>4 Aug 1995</u>	<input type="checkbox"/> Not Applicable
6.	Procedures for Startup and Shutdown	<input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L6</u>	<input type="checkbox"/> Not Applicable	
7.	Operation and Maintenance Plan	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	
8.	Supplemental Information for Construction Permit Application	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	
9.	Other Information Required by Rule or Statute	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable	

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU2-L12</u> <input type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L13</u> <input type="checkbox"/> Not Applicable
14. Acid Rain Permit Application (Hard Copy Required) <input checked="" type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: <u>AN-EU1-L14</u> <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input type="checkbox"/> Not Applicable

ATTACHMENT AN-EU2-D
EMISSION UNIT REGULATIONS

ATTACHMENT AN-EU2-D
EMISSION UNIT REGULATIONS

Master Applicable Requirements Listing - Power Plants (5/13/96)

EMISSION UNIT: EU2: Unit 2- FPC Anclole Plant

FDEP Rules:

Air Pollution Control-General Provisions:

- 62-204.800(12) (State Only) - Acid Rain Program
- 62-204.800(13) (State Only) - Allowances
- 62-204.800(14) (State Only) - Acid Rain Program Monitoring

Stationary Sources-General:

- 62-210.700(1) - Malfunction only for FFSG
- 62-210.700(2) - FFSG; startup/shut down
- 62-210.700(3) - FFSG; sootblowing/load change
- 62-210.700(4) - maintenance
- 62-210.700(6)

Acid Rain:

- 62-214.300 - Acid Rain Units (Applicability)
- 62-214.320 - Acid Rain Units (Application Shield)
- 62-214.330 - Compliance Options (if 214.430)
- 62-214.340 - Exemptions (new units, retired units)
- 62-214.350(2);(3);(6) - Acid Rain Units (Certification)
- 62-214.370 - Acid Rain Units (Revisions; correction; potentially applicable if a need arises)
- 62-214.430 - Acid Rain Units (Compliance Options)

Stationary Sources-Emission Standards/RACT:

- 62-296.405(1)(a) - FFSG;VE
- 62-296.405(1)(b) - FFSG; PM
- 62-296.405(1)(c)1.j. - FFSG;Oil-SO2 (general limit)
- 62-296.405(1)(e) - FFSG;Test Methods
- 62-296.405(1)(f)1.a.(i) - FFSG; Opacity CEMS exempted for oil/gas units
- 62-296.405(1)(f)1.b. - FFSG; SO2 CEMS exempted for non-controlled units (oil/gas)

Stationary Sources-Emission Monitoring (where stack test is required):

- 62-297.310(1) - Test Runs-Mass Emission
- 62-297.310(2)(b) - Operating Rate; other than CTs
- 62-297.310(3) - Calculation of Emission
- 62-297.310(4)(a) - Applicable Test Procedures;Sampling time
- 62-297.310(4)(b) - Sample Volume
- 62-297.310(4)(c) - Required Flow Rate Range-PM/H2SO4/F

- 62-297.310(4)(d) - Calibration
- 62-297.310(4)(e) - EPA Method 5-only
- 62-297.310(5) - Determination of Process Variables
- 62-297.310(6)(a) - Permanent Test Facilities-general
- 62-297.310(6)(c) - Sampling Ports
- 62-297.310(6)(d) - Work Platforms
- 62-297.310(6)(e) - Access
- 62-297.310(6)(f) - Electrical Power
- 62-297.310(6)(g) - Equipment Support
- 62-297.310(7)(a)2. - FFSG excess emissions
- 62-297.310(7)(a)3. - Permit Renewal Test Required
- 62-297.310(7)(a)4.
- 62-297.310(7)(a)5. - PM exemption if < 400 hrs/yr
- 62-297.310(7)(a)9. - FDEP Notification - 15 days
- 62-297.310(7)(c) - Waiver of Comp. Tests (Fuel Sampling)
- 62-297.310(8) - Test Reports

Federal Rules:

Acid Rain-Permits:

- 40 CFR 72.9(a) - Permit Requirements
- 40 CFR 72.9(b) - Monitoring Requirements
- 40 CFR 72.9(c)(1) - SO2 Allowances-hold allowances
- 40 CFR 72.9(c)(2) - SO2 Allowances-violation
- 40 CFR 72.9(c)(3)(iii) - SO2 Allowances-Phase II Units (listed)
- 40 CFR 72.9(c)(4) - SO2 Allowances-allowances held in ATS
- 40 CFR 72.9(c)(5) - SO2 Allowances-no deduction for 72.9(c)(1)(i)
- 40 CFR 72.9(e) - Excess Emission Requirements
- 40 CFR 72.9(f) - Recordkeeping and Reporting
- 40 CFR 72.9(g) - Liability
- 40 CFR 72.20(a) - Designated Representative; required
- 40 CFR 72.20(b) - Designated Representative; legally binding
- 40 CFR 72.20(c) - Designated Representative; certification requirements
- 40 CFR 72.21 - Submissions
- 40 CFR 72.22 - Alternate Designated Representative
- 40 CFR 72.23 - Changing representatives; owners
- 40 CFR 72.30(a) - Requirements to Apply (operate)
- 40 CFR 72.30(c) - Requirements to Apply (reapply before expiration)
- 40 CFR 72.30(d) - Requirements to Apply (submittal requirements)
- 40 CFR 72.32 - Application Shield
- 40 CFR 72.33(b) - Dispatch System ID;unit/system ID
- 40 CFR 72.33(c) - Dispatch System ID;ID requirements
- 40 CFR 72.33(d) - Dispatch System ID;ID change
- 40 CFR 72.40(a) - General; compliance plan
- 40 CFR 72.40(b) - General; multi-unit compliance options
- 40 CFR 72.40(c) - General; conditional approval
- 40 CFR 72.40(d) - General; termination of compliance options
- 40 CFR 72.51 - Permit Shield

- 40 CFR 72.90 - Annual Compliance Certification
- Monitoring Part 75:
- 40 CFR 75.4 - Compliance Dates
 - 40 CFR 75.5 - Prohibitions
 - 40 CFR 75.10(a)(1) - Primary Measurement; SO₂; except 75.11&.16; Subpart D
 - 40 CFR 75.10(a)(2) - Primary Measurement; NO_x; except 75.12&.17; Subpart E
 - 40 CFR 75.10(a)(3)(i) - Primary Measurement; CO₂; monitor
 - 40 CFR 75.10(a)(4) - Primary Measurement; Opacity; except 75.14&.18

 - 40 CFR 75.10(b) - Primary Measurement; Performance Requirements
 - 40 CFR 75.10(c) - Primary Measurement; Heat Input; Appendix F
 - 40 CFR 75.10(d) - Primary Measurement; Hourly Operating ; Opacity; SO₂
 - 40 CFR 75.10(f) - Primary Measurement; Minimum Measurement
 - 40 CFR 75.10(g) - Primary Measurement; Minimum Recording
 - 40 CFR 75.11(d) - SO₂ Monitoring; Gas- and Oil-fired units
 - 40 CFR 75.11(e) - SO₂ Monitoring Gaseous Firing
 - 40 CFR 75.12(b) - NO_x Monitoring; Determination of NO_x emission rate; Appendix F

 - 40 CFR 75.13(a) - CO₂ Monitoring; Continuous monitor
 - 40 CFR 75.14(a) - Opacity Monitoring; Coal and oil units
 - 40 CFR 75.20(a)(5) - Initial Certification Approval Process; Loss of Certification
 - 40 CFR 75.20(b) - Recertification Procedures
 - 40 CFR 75.20(c) - Certification Procedures
 - 40 CFR 75.20(g) - Exceptions to CEMS; oil/gas/diesel; Addendix D & E
 - 40 CFR 75.21 - QA/QC; CEMS
 - 40 CFR 75.21(b) - QA/QC; Opacity
 - 40 CFR 75.21(c) - QA/QC; Calibration Gases
 - 40 CFR 75.21(d) - QA/QC; Notice of RATA
 - 40 CFR 75.21(e) - QA/QC; Audits
 - 40 CFR 75.21(f) - QA/QC; CEMS
 - 40 CFR 75.22 - Reference Methods
 - 40 CFR 75.24 - Out-of-Control Periods; CEMS
 - 40 CFR 75.30(a)(1) - General Missing Data Procedures; SO₂
 - 40 CFR 75.30(a)(2) - General Missing Data Procedures; flow
 - 40 CFR 75.30(a)(3) - General Missing Data Procedures; NO_x
 - 40 CFR 75.30(a)(4) - General Missing Data Procedures; CO₂
 - 40 CFR 75.30(d) - General Missing Data Procedures; SO₂
 - 40 CFR 75.32 - Monitoring Data Availability for Missing Data
 - 40 CFR 75.33 - Standard Missing Data Procedures
 - 40 CFR 73.35 - Missing Data Procedures for CO₂ Data
 - 40 CFR 75.36 - Missing Data Procedures for Heat Input
 - 40 CFR 75.53 - Monitoring Plan
 - 40 CFR 75.54(a) - Recordkeeping-general
 - 40 CFR 75.54(b) - Recordkeeping-operating parameter
 - 40 CFR 75.54(c) - Recordkeeping-SO₂
 - 40 CFR 75.54(d) - Recordkeeping-NO_x
 - 40 CFR 75.54(e) - Recordkeeping-CO₂

- 40 CFR 75.54(f) - Recordkeeping-Opacity
- 40 CFR 75.55(c);(e) - Recordkeeping (Appendix D)
- 40 CFR 75.56 - Certification; QA/QC Provisions
- 40 CFR 75.60 - Reporting Requirements-General
- 40 CFR 75.61 - Reporting Requirements-Notification cert/recertification
- 40 CFR 75.63 - Reporting Requirements-Certification/Recertification
- 40 CFR 75.64(a) - Reporting Requirements-Quarterly reports; submission
- 40 CFR 75.64(b) - Reporting Requirements-Quarterly reports; DR statement
- 40 CFR 75.64(c) - Rep. Req.; Quarterly reports; Compliance Certification
- 40 CFR 75.64(d) - Rep. Req.; Quarterly reports; Electronic format
- 40 CFR 75.65 - Opacity Reports
- 40 CFR 77.3 - Offset Plans (Future)
- 40 CFR 77.5(b) - Deductions of Allowance (Future)
- 40 CFR 77.6 - Excess Emissions Penalties SO₂ and NO_x
- Appendix A-3. - Performance Specifications
- Appendix A-4. - Data Handling and Acquisition Systems
- Appendix A-5. - Calibration Gases
- Appendix A-6. - Certification Tests and Procedures
- Appendix B - QA/QC Procedures
- Appendix C-1. - Missing Data; SO₂/NO_x for controlled sources
- Appendix C-2. - Missing Data; Load-Based Procedure; NO_x & flow
- Appendix F - Conversion Procedures
- Appendix G-2. - Determination of CO₂; from combustion sources
- Appendix H - Traceability Protocol

ATTACHMENT AN-EU2-L12

IDENTIFICATION OF ADDITIONAL APPLICABLE REQUIREMENTS

ADDITIONAL APPLICABLE REQUIREMENTS

Applicable Requirements as defined in Rule 62-210.200(29) not identified in Section D of this emission unit section are included in this attachment of the application. Any air operation permit issued by the Department (or local program designee) and included in this attachment is provided for information purposes. The specific conditions of the operating permit are not Applicable Requirements as defined in Rule 62-210.200(29) unless implementing a specific Applicable Requirement of the Department's rules (e.g., emission limitations).



Department of Environmental Protection

RECEIVED

FEB 01 1996

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Environmental Svcs
Department
Virginia B. Wecherell
Secretary

NOTICE OF PERMIT AMENDMENT

CERTIFIED MAIL

Mr. W. Jeffrey Pardue, C.E.P.
Manager - Environmental Programs
Florida Power Corporation
Post Office Box 14042
St. Petersburg, FL 33733

RECEIVED

1996

Environmental Svcs
Department

Dear Mr. Pardue:

Re: Air Pollution Permit Amendment Request (dated
November 3, 1995): Allow the Firing of On-
Specification Used Oil in Anclote Unit No. 2

Permit No.: A051-169340
ARMS Ref. No.: 1010017-001-AO

On November 7, 1995, the Department received the above referenced request. The request is approved and permit A051-169340 is amended as follows:

CHANGE DESCRIPTION (page 1, paragraph 2) FROM:

For the operation of the 525 MW Anclote Plant Fossil Fuel Steam Generator Unit No. 2. This unit is fired on No. 6 fuel oil with a maximum heat input of 4850 MMBtu/hour.

TO:

For the operation of the 525 MW Anclote Plant Fossil Fuel Steam Generator, designated as Anclote Unit No. 2. This unit is fired primarily on No. 6 fuel oil with a maximum heat input of 4,850 MMBTU/hour. This unit has no pollution control equipment. Unit No. 1 and No. 2 exhaust through one common stack.

This permit also allows firing with higher grades of fuel oil and on-specification used oil. Anclote Unit Nos. 1 and 2 share the main fuel tank. Therefore, compliance with the on-specification used oil limitations, restrictions and recordkeeping requirements contained in the specific conditions of Permit No. A051-254492A for Unit No. 1 indicates compliance with these conditions for Unit No. 2.

Page 1 of 4

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.

CHANGE SPECIFIC CONDITION NO. 6 FROM:

Test the emissions for the following pollutant(s) at intervals of 12 months from the date of August 24, 1989 and submit a copy of test data to the Air Section of the Department of Environmental Regulation, Southwest District within forty-five days of such testing (Section 17-2.700(2), Florida Administrative Code (F.A.C.)).

(X) Particulates (X) Opacity (X) Sulfur Oxides*

* Fuel analysis may be submitted in lieu of the required sulfur dioxide stack test.

TO:

6. Test the emissions for the following pollutant(s) annually within 60 days prior to the date of **June 28th**. Submit a copy of the test data to the Air Section of the Department's Southwest District Office within 45 days of such testing:
[Rules 62-297.340 and 62-297.570(2), F.A.C.]

(X) Particulates**	(X) Sulfur Oxides* **
(X) Opacity**	() Nitrogen oxides
() Hydrocarbons	() Fluorides
() Total Reduced Sulfur	

* A fuel analysis of a representative fuel sample and a calculation of the sulfur dioxide emission rate based on the fuel analysis and consumption may be submitted in lieu of the required sulfur oxides emission test.

** stack test for particulate matter, visible emissions, and sulfur dioxide under soot blowing and non-soot blowing operating conditions while firing No. 6 fuel oil or No. 6 fuel oil/on-specification used oil.

A person whose substantial interests are affected by this permit amendment may petition for an administrative proceeding (hearing) in accordance with Section 120.57, 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 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of receipt of this permit amendment. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information;

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department 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 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 Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

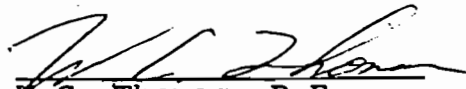
If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit amendment. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

This permit amendment is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit amendment will not be effective until further Order of the Department.

When the Order (Permit Amendment) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, 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, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; 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 Final Order is filed with the Clerk of the Department.

This letter must be attached to and becomes a part of Permit No.: A051-169340. If you have any questions, please call Mr. Eric Peterson of my staff at (813)744-6100 extension 112.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

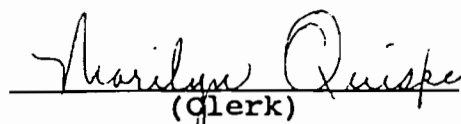

W.C. Thomas, P.E.
District Air Administrator
Southwest District

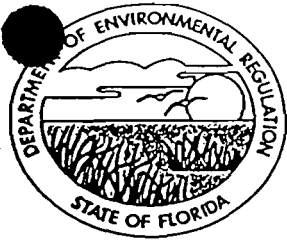
CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT AMENDMENT and all copies were mailed by certified mail before the close of business on JAN 31 1996 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGEMENT FILED,
on this date, pursuant to Section
120.52(11), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby acknowledge.


(Clerk) JAN 31 1996
(Date)



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Dr. Richard Garrity, Deputy Assistant Secretary

PERMITTEE:

Florida Power Corporation
Post Office Box 14042
St. Petersburg, Florida 33733

PERMIT/CERTIFICATION

Permit No.: A051-169340
County: Pasco
Expiration Date: 12-18-94
Project: Anclote Plant
Fossil Fuel Steam
Generator Unit No. 2

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. 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 department and made a part hereof and specifically described as follows:

For the operation of the 525 MW Anclote Plant Fossil Fuel Steam Generator Unit No. 2. This unit is fired on No. 6 fuel oil with a maximum heat input of 4850 MMBTU/hour.

Location: Anclote Road, West of Alt. 19, Tarpon Springs, Pasco County

UTM: 17-324.4 E 3187.5 N NEDS NO: 0017 Point ID: 02

Replaces Permit No.: A051-94924

PERMITTEE:
Florida Power Corporation

Permit/Certification No.: A051-169340
Project: Anclote Plant Fossil Fuel
Steam Generator Unit No. 2

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. The maximum particulate emission rate from this source shall be 0.1 pounds per MMBTU heat input over a two hour average (Section 17-2.600(5), F.A.C.), except for and 3 hours during a 24 hour period in which the boiler is being cleaned by soot blowing or experiencing a load change. Under these operating conditions the maximum allowable particulate emission rate shall be 0.3 pounds per MMBTU heat input providing best operational practices to minimize emissions are adhered to and the duration of excess emissions are minimized (Section 17-2.250(3), F.A.C.).
3. The maximum opacity from this source shall not exceed 40% as specified in the Order Granting Petition for Reduced Frequency of Particulate Testing (OGC File No.: 86-1575) dated December 11, 1986, except for: any 3 hours during a 24 hour period of excess emissions in which the boiler is being cleaned or experiencing a load change the opacity shall not exceed 60%, and allowing for (4) six minute periods during the 3 hour period of unlimited opacity providing best operational practices to minimize emissions are adhered to and the duration of excess emissions are minimized (Section 17-2.250(3), F.A.C.).
4. The Maximum allowable SO₂ emission rate from this unit shall not exceed 2.75 lbs. SO₂/MMBTU heat input.
5. Compliance with the emission limitations of Specific Conditions Nos. 2 and 3 shall be determined using EPA Methods 1,2,3,9 and 17 contained in 40 CFR 60, Appendix A and adopted by reference in Section 17-2.700, F.A.C. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Section 17-2.700, F.A.C. and 40 CFR 60, Appendix A.
6. Test the emissions for the following pollutant(s) at intervals of 12 months from the date August 24, 1989 and submit a copy of test data to the Air Section of the Department of Environmental Regulation, Southwest District within forty-five days of such testing (Section 17-2.700 (2), Florida Administrative Code (F.A.C.)).

(X) Particulates (X) Opacity (X) Sulfur Oxides*

* Fuel analysis may be submitted in lieu of the required sulfur dioxide stack test.

PERMITTEE:
Florida Power Corporation

Permit/Certification No.: A051-169340
Project: Anclote Plant Fossil Fuel
Steam Generator Unit No. 2

SPECIFIC CONDITIONS (con't):

7. A fuel analysis of a representative fuel oil sample taken during the particulate stack test is acceptable in lieu of stack testing for SO₂. The fuel analysis and the other information necessary to determine compliance with the SO₂ standard and to calculate SO₂ emission rate in pounds per MMBTU heat input shall be included in the particulate stack test report.

8. Approved compliance stack testing of emissions must be conducted within approximately +10% of the permitted capacity of 525 MW. A compliance test submitted at operating levels less than 90% of the permitted capacity will automatically constitute an amended permit at the lesser rate plus 10% until another stack test (showing compliance) at 90% of a higher capacity is submitted. Failure to submit the input rates and actual operating conditions may invalidate the test data (Subsection 17-4.070, F.A.C.).

9. The Southwest District Office of the Department of Environmental Regulation shall be notified in writing at least 15 days prior to any compliance testing.

10. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following:

- (A) Annual amount of materials and/or fuels utilized.
- (B) Annual emissions (provide a copy of the calculation sheet(s) and basis for calculations).
- (C) Any changes in the information contained in the permit application.

11. A report shall be submitted to the Department of Environmental Regulation within 30 days following each calendar quarter detailing any excess opacity readings recorded during the three month period. For six minute averages of opacity greater than 40%, except as specified in Specific Condition No. 3. The information supplied in this report shall be consistent with the reporting requirements of 40 CFR 51, Appendix P (Section 17-2.710(1), F.A.C.).

12. In the event the Permittee is temporarily unable to comply with the conditions of this permit, the Permittee shall immediately notify the Department stating the cause, period of non-compliance, and steps taken for corrective action and prevention of recurrence. In the event of excess emissions a report of excess emissions shall be sent to the Department by 45 days after the end of the quarter.

PERMITTEE:
Florida Power Corporation

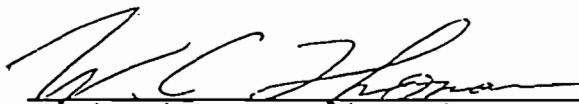
Permit/Certification No.: A009-169340
Project: Anclote Plant Fossil Fuel
Steam Generator Unit No. 2

SPECIFIC CONDITIONS (con't):

13. Four applications to renew this operating permit shall be submitted to the Department sixty (60) days prior to the expiration date of this permit.

Issued this 21 day of Dec.
1989

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL REGULATION


For Richard D. Garrity, Ph.D.
Deputy Assistant Secretary
Southwest District

GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and are binding and enforceable pursuant to the authority of Section 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the department.
3. As provided in Subsections 403.087(6) and 403.712(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal or plant life or property caused by the construction or operation of this permitted source or from penalties therefore, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by any order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credential or other documents as maybe required by law and at reasonable times, access to the premises, where the permitted activity is located or conducted:

GENERAL CONDITIONS (con't):

7. (con't):

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department (17-6.130) with the following information:

- (a) a description of and cause of noncompliance; and
- (b) the period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the Department, may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedures and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the department.

GENERAL CONDITIONS (con't):

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

- () Determination of Best Available Control Technology (BACT)
- () Determination of Prevention of Significant Deterioration (PSD)
- () Certification of Compliance with State Water Quality Standards (Section 401. PL 92-500)
- () Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically, unless otherwise stipulated by the Department.

b. The permittee shall retain at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurements;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

15. When requested by the department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the department, such facts or information shall be submitted or corrected promptly.

RULES OF THE ADMINISTRATION COMMISSION, MODEL RULES OF PROCEDURE
CHAPTER 28-5, DECISIONS DETERMINING SUBSTANTIAL INTERESTS
PART II, FORMAL HEARINGS
A) PREHEARING PROCEDURES

28-5.201 Initiation of Formal Proceedings.

(1) Initiation of formal proceedings shall be made by petition to the Agency responsible for rendering final Agency action. The term petition as used herein includes any application or other document which expresses a request for formal proceedings. Each petition should be printed, typewritten or otherwise duplicated in legible form on white paper of standard legal size. Unless printed, the impression shall be on one side of the paper only and lines shall be double-spaced and indented.

(2) - All petitions filed under these rules should contain:

(a) The name and address of each Agency affected and each Agency's file or identification number, if known;

(b) The name and address of the petitioner or petitioners, and an explanation of how his/her substantial interests will be affected by the Agency determination;

(c) A statement of when and how petitioner received notice of the Agency decision of intent to render a decision;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief;

(f) A demand for relief to which the petitioner deems himself entitled; and

(g) Other information which the petitioner contends is material.

(3) Upon receipt of a petition for formal proceedings, the Agency shall either accept or deny the petition, and if accepted shall elect either to conduct the hearing itself through the Agency head, or member thereof, assign a person authorized by Subsection 120.57(1)(a) or other authority, or request that a Hearing Officer from the Division of Administrative Hearings be assigned to conduct the hearing.

(a) A petition may be denied if the petitioner does not state adequately a material factual allegation, such as a substantial interest in the Agency determination, or if the petition is untimely.

(b) The Agency shall promptly give written notice to all parties of the action taken on the petition, and shall state with particularity its reasons therefor.

(4) If the Agency elects to request that a Hearing Officer of the Division of Administrative Hearings be assigned to conduct the hearing, the Agency shall forward the petition, and all materials filed with the Agency, to the Division of Administrative hearings, and shall notify all parties of its action.

Specific Authority: 120.53(1), 120.54(10), F.S.

Law Implemented: 120.57, F.S.

History: New 3-23-80

Best Available Copy

Section 17-103.155, Florida Administrative Code
Rules of Administrative Procedure
Final Agency Action (Non-Rulemaking) and Appeal

17-103.155 Petition for Administrative Hearing; Waiver of Right to Administrative Proceeding.

(1)(a) Any person whose substantial interests may be affected by proposed final agency action by the Department may file a petition for formal administrative hearing in accordance with this rule if the person disputes the material facts upon which the Department's action is based.

(b) Any person whose substantial interests may be affected by proposed final agency action by the Department may file a petition for informal administrative hearing in accordance with this rule if the person objects to the Department's action but does not dispute the material facts upon which the Department's action is based.

(2) A petition for formal or informal administrative hearing pursuant to Section 120.57, F.S., shall contain the following information:

(a) The name, address, and telephone number of each petitioner. If the petitioner challenges a Department action or proposed action on a permit application, the applicant's name and address, the Department Permit File number and the county in which the project is proposed shall also be included;

(b) A statement of how and when each petitioner received notices of the Department 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 those material facts (i.e., those facts upon which the Department's action or proposal is based) is disputed by petitioner. If the facts are disputed, petitioner shall so state;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require repeal or modification of the Department's action or proposed action;

(g) A statement of relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

(3)(a) A petition shall be in the form required by this rule and must be filed (received) in the Office of General Counsel of the Department within the following number of days after receipt or publication (whichever occurs first) of notice of proposed agency action or of notice of agency action:

1. Petitions concerning Department action or proposed action on applications for permits (except permits for hazardous waste facilities): 30 days;

2. Petitions concerning Department action or proposed action on applications for hazardous waste facility permits: 45 days;

3. Petitions concerning notices of violation when no informal conference is held: 20 days after receipt of the notice of violation;

4. Petitions concerning notices of violation when an informal conference is held: 10 days after receipt of notice of completion of the informal conference;

5. Petitions concerning other Department actions or proposed actions: 30 days. The petitioner shall also serve a copy of the petition on all other parties to the proceeding, as identified in the published notice, at the time of filing.

(b) Failure to timely file a petition within the applicable time period of receipt of notice of agency action or receipt of notice of proposed agency action, whichever notice first occurs, shall constitute a waiver if any party to request an administrative proceeding under Chapter 120, F.S.

(4) If a petition is filed that does not substantially comply with the requirements of subsection (2) of this rule, the Department shall issue an order dismissing the petition with leave to file an amended petition complying with the requirements of this rule within 15 days of service of the order. If an amended petition complying with this rule is not filed (received) within 15 days of service of the order, the petitioner's right to a proceeding under Section 120.57, F.S., is waived.

(5) When there has been no publication of notice of agency action or notice of proposed agency action as prescribed in Rule 17-103.150, F.A.C., a person who has actual knowledge of the agency action or has knowledge which would lead a reasonable person to conclude that the Department has taken final agency action, has a duty to make further inquiry within 14 days of obtaining such knowledge by contacting the Department to ascertain whether action has occurred. The Department shall upon receipt of such an inquiry, if agency action has occurred, promptly provide the person with notice as prescribed by Rule 17-103.150, F.A.C. Failure of the person to make inquiry with the Department within 14 days after obtaining such knowledge may stop the person from obtaining an administrative proceeding on the agency action.

(6)(a) "Receipt of notice of agency action" means receipt of written notice of final agency action, as prescribed by Department rule, or the publication, pursuant to Department rule, of notice of final agency action, whichever first occurs.

(b) "Receipt of notice of proposed agency action" means receipt of written notice (such as a letter of intent) that the Department proposes to take certain action, or the publication pursuant to Department rule of notice of proposed agency action, whichever first occurs.

(7) Notwithstanding any other provision in this Chapter, should a substantially affected person who fails to timely request a hearing under Section 120.57, F.S., administratively appeal the final Department action or order, the record on appeal shall be limited to:

(a) the application and accompanying documentation submitted by the applicant prior to the issuance of the agency's intent to issue or deny the requested permit;

(b) the materials and information relied upon by the agency in determining the final agency action or order;

(c) any notices issued or published; and

(d) the final agency action or order entered concerning the permit application.

(8) In such cases where persons do not timely exercise their rights accorded by Section 120.57(1), Florida Statutes, the allegations of fact contained in or incorporated by the final agency action shall be deemed uncontested and true, and appellants may not dispute the truth of such allegations upon subsequent appeal.

(9) Any applicant may challenge the Department's request for additional information by filing with the Office of General Counsel an appropriate petition for administrative proceeding pursuant to Section 120.60, F.S., following receipt by the applicant of the Department's notification pursuant to Section 403.0876, F.S., that additional information is required. Specific Authority: 120.53, 403.0876, 403.815, F.S.

Law Implemented: 120.53, F.S.

History: New 9-20-79; Amended 4-28-81; Transferred from 17-1.62 and Amended 6-1-84; Amended 10-19-88.

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

**A. TYPE OF EMISSIONS UNIT
(Regulated and Unregulated Emissions Units)****Type of Emissions Unit Addressed in This Section**

1. Regulated or Unregulated Emissions Unit? Check one:

[] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

[**x**] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

[] This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

[**x**] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

[] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**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): Facility-wide Fugitive/De minimis Emissions		
2. Emissions Unit Identification Number: <input checked="" type="checkbox"/> No Corresponding ID <input type="checkbox"/> Unknown		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): See Attachment AN-EU3-B6.		

Emissions Unit Control Equipment Information

A.

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

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:

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): Petroleum Product Storage - Fugitive Emissions (storage).	
2. Source Classification Code (SCC): 4-03-888-01	
3. SCC Units: Thousand gallons stored	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor: 21,500	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters): Segment refers to combined storage capacity of various petroleum product storage tanks contained in emission unit at time permit appl. submittal. See Attachment AN-EU3-B6 for list.	

Segment Description and Rate: Segment 2 of 2

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Petroleum Product Storage - Fugitive Emissions (Throughput)	
2. Source Classification Code (SCC): 4-03-999-99	
3. SCC Units: Thousand gallons throughput	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor: 581,300	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters): Segment refers to combined throughput of various petroleum product storage tanks contained in emission unit at time permit appl. submittal. See Attachment AN-EU3-B6 for list.	

**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

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)**

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.

-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.

-] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.

-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.

-] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:		
	PM	<input type="checkbox"/>] C	<input type="checkbox"/>] E <input checked="" type="checkbox"/>] Unknown
	SO ₂	<input type="checkbox"/>] C	<input type="checkbox"/>] E <input checked="" type="checkbox"/>] Unknown
	NO ₂	<input type="checkbox"/>] C	<input type="checkbox"/>] E <input checked="" type="checkbox"/>] Unknown
4.	Baseline Emissions:		
	PM	lb/hour	tons/year
	SO ₂	lb/hour	tons/year
	NO ₂		tons/year
5.	PSD Comment (limit to 200 characters):		
	Baseline emissions not known.		

ATTACHMENT AN-EU3-B6
EMISSIONS UNIT COMMENT

TRIVIAL ACTIVITIES

The trivial activities identified in this application are provided for information only and are identified as examples of, but not limited to, the trivial activities identified by the Division of Air Resources Management's (DARM's) guidance. It is understood that such activities do not have to be included in with the Title V Application. The trivial activities identified herein are consistent, in terms of amounts of emissions and types, with those activities listed in DARM's guidance.

NOTIFICATION OF TEMPORARY EXEMPTIONS

Pursuant to Rule 62-210.300(3)(b)1., notice is herein provide that the emissions units listed below are not subject to a permit issued by the Department of Environmental Protection and are exempt from permitting until a final determination is made under the Title V permitting requirements (Rule 62-213 F.A.C.). These units would not have triggered review under Rules 62-212.400 or 62-212.500 or any new source performance standard listed in Rule 62-204.800 F.A.C.

Attachment AN-EU3-B6
General Emissions Unit Information for Unregulated Emissions Unit

Table 1. FPC, Anclote Plant, Unregulated Emissions Unit

Area	Emission Unit Description	Status
Machine shop	Sand blaster, drill press, lathes, hand-held tools, etc.	ER/TR
	Parts washer- light oil	TR
General Boiler Building-	Fuel oil tank- oil additives	TR
	Lube oil system (1/unit)- vent to roof	TR
	Boiler chemicals (e.g., degreasers, etc.)	TR
	Machine shop Sand blaster, drill press, welding, lathes, hand-held tools, etc.	TR
	Parts washer- citrus based	TR
	I & C shop parts washer- safety kleen	TR
	Electric shop drill press, grinding equipment, lathes, hand-held tools, etc.	TR
	Labor room Sand blaster	TR
Unit 1, 2 Building	Turbine lube oil reservoir tank	TR
	Waste oil sump and recovery tank	TR
	Oil gun cleaning station (No. 2 oil used)	TR
Water Treatment	Sulfuric acid tank	TR
Lube oil storage building	lube oil	TR
Fuel oil pump house	fuel filter cleaning (No. 2 oil- open tank)	TR
Fire pump	No. 6 fuel oil pump	ER/TR
	No. 2 fuel oil pump	
General area-west	No. 2 diesel oil 200 gal. tank	UR
No. 2 Warehouse	Sand blaster, drill press, welding, lathes, hand-held tools, etc.	ER/TR
	Parts cleaning- citrus based	TR
	Waste oil storage tank	TR
	I & C shop parts washer- safety kleen	TR

Attachment AN-EU3-B6
General Emissions Unit Information for Unregulated Emissions Unit

Table 1. FPC, Anclote Plant, Unregulated Emissions Unit

Area	Emission Unit Description	Status
	sand blasting system	
	Electric shop cutting and grinding equipment	TR
Garage area	mobile equipment front-end loader, boat, crane, etc.	ER/TR
No. 1 Warehouse	Vapor extractor- former underground gas tank	TR
Helper Cooling Tower Area	Natural-draft helper cooling towers	UR
	Storage area chlorine use SO ₂ from cyclinders for dechlorination	TR
Diesel generator (north of admin. build.)	1 MW diesel generator- emergency blackstart located in stationary railcar, No. 2 oil pipe in	UR
Fire pump	No. 2 diesel oil tank	ER/TR
Water Treatment	Sulfuric acid tank	TR
Fuel Storage	Tank No. 1- No. 6 Fuel Oil (280,000 bbbs)	UR
	Tank No. 2- No. 6 Fuel Oil (280,000 bbbs)	UR
General Site	Oil water separators	TR
Parking Lot	Vehicles	ER/TR

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

Attachment AN-EU3-B6
General Emissions Unit Information

Table 2. FPC, Anclote Plant, Petroleum Product Storage and Throughput Operations

FPC Tank No.	Storage Product	Storage Tank Size (gallons)	Potential Annual Throughput (gallons)
#01	Turbine lube oil	16,000	32,000
#03	No. 2 fuel oil	211,680	4,000,000
#04	No. 2 fuel oil	211,680	4,000,000
#05	No. 6 fuel oil	10,512,306	286,568,800
#06	No. 6 fuel oil	10,536,792	286,568,800
#12	Diesel- equipment	168	2,400
#13-R	Fuel oil additive	173	60,000
#14	Unleaded gas	4,000	18,000
#22	Diesel- equipment (Train car- emergency gen.)	420	10,000
	TOTAL	21,493,219	581,260,000

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

**A. TYPE OF EMISSIONS UNIT
(Regulated and Unregulated Emissions Units)****Type of Emissions Unit Addressed in This Section**

1. Regulated or Unregulated Emissions Unit? Check one:

] The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

] The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

2. Single Process, Group of Processes, or Fugitive Only? Check one:

] This Emissions Unit information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

] This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

] This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

**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): 3 820 kW Diesel Generators (Relocatable)		
2. Emissions Unit Identification Number: [] No Corresponding ID [X] Unknown		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? [] Yes [X] No	5. Emissions Unit Major Group SIC Code: 49
6. Emissions Unit Comment (limit to 500 characters): Generators may be located at one of seven FPC plants.		

Emissions Unit Control Equipment Information

A.

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

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:		
2. Long-term Reserve Shutdown Date:		
3. Package Unit: Manufacturer: Caterpillar	Model Number: 3508-DITA	
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:	9	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 Heat Input: 8.58(rounded to 9). Per unit; hours of operation is sum of individual hours of each generator. Generator Nameplate Rating: 0.82.		

Emissions Unit Operating Schedule

1. Requested Maximum Operating Schedule:		
	hours/day	days/week
	weeks/yr	2,970 hours/yr

**D. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)**

Rule Applicability Analysis (Required for Category II Applications and Category III applications involving non Title-V sources. See Instructions.)

A large, empty rectangular box with a thin black border, intended for the user to provide a Rule Applicability Analysis. The box is currently blank.

List of Applicable Regulations (Required for Category I applications and Category III applications involving Title-V sources. See Instructions.)

See Attachment AN-EU4-D

**E. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram:	
2. Emission Point Type Code:	
<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:	
5. Discharge Type Code:	
<input type="checkbox"/> D <input type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P	<input type="checkbox"/> R <input checked="" type="checkbox"/> V <input type="checkbox"/> W
6. Stack Height:	15 feet
7. Exit Diameter:	1 feet
8. Exit Temperature:	1,004 °F

9. Actual Volumetric Flow Rate:	7,283 acfm
10. Percent Water Vapor:	%
11. Maximum Dry Standard Flow Rate:	dscfm
12. Nonstack Emission Point Height:	feet
13. Emission Point UTM Coordinates:	
Zone:	East (km): North (km):
14. Emission Point Comment (limit to 200 characters):	

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

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Internal combustion engine, industrial, distillate oil(diesel)	
2. Source Classification Code (SCC): 2-02-001-02	
3. SCC Units: Thousand gallons burned	
4. Maximum Hourly Rate: 62.1	5. Maximum Annual Rate: 184
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur: 0.5	8. Maximum Percent Ash: 0
9. Million Btu per SCC Unit: 138	
10. Segment Comment (limit to 200 characters): Max annual rate based on total for 3 units(2,970 hours). Maximum Percent Ash: 0.01(rounded to 0). Million Btu per SCC Unit: 138.24(rounded to 138).	

Segment Description and Rate: Segment _____ of _____

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	

**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
SO2 NOX CO			EL NS 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:	4.47 lb/hour	6.64 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:	0.5 %Sulfur content	
Reference: Permit Limit		
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 5		
8. Calculation of Emissions (limit to 600 characters): From manufacturer		
9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters): Lb/hr - 1 unit; Tons/yr - 1 unit at 2,970 hours (total limit for 3 units).		

Emissions Unit Information Section 4 of 4
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: 0.5 %Sulfur Content		
4. Equivalent Allowable Emissions:	4.47 lb/hour	6.64 tons/year
5. Method of Compliance (limit to 60 characters): Fuel Analysis		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters): Permit Limit.		

B.

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

**I. VISIBLE EMISSIONS INFORMATION
(Regulated Emissions Units Only)**

Visible Emissions Limitations: Visible Emissions Limitation 1 of 1

1.	Visible Emissions Subtype: VE20
2.	Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: 20 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance: EPA Method 9, Annual
5.	Visible Emissions Comment (limit to 200 characters): Rule 62-296.320(4)(b)1.

Visible Emissions Limitations: Visible Emissions Limitation _____ of _____

1.	Visible Emissions Subtype:
2.	Basis for Allowable Opacity: <input type="checkbox"/> Rule <input type="checkbox"/> Other
3.	Requested Allowable Opacity Normal Conditions: % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour
4.	Method of Compliance:
5.	Visible Emissions Comment (limit to 200 characters):

**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 [] 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):	

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):	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT
TRACKING INFORMATION
(Regulated and Unregulated Emissions Units)**

PSD Increment Consumption Determination

1. Increment Consuming for Particulate Matter or Sulfur Dioxide?

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

-] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and the emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and the emissions unit consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.
-] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

-] The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
-] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and the source consumes increment.
-] The facility addressed in this application is classified as an EPA major source and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and the source consumes increment.
-] For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and the emissions unit consumes increment.
-] None of the above apply. If so, baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3.	Increment Consuming/Expanding Code:			
	PM	<input checked="" type="checkbox"/>] C	<input type="checkbox"/>] E	<input type="checkbox"/>] Unknown
	SO ₂	<input checked="" type="checkbox"/>] C	<input type="checkbox"/>] E	<input type="checkbox"/>] Unknown
	NO ₂	<input checked="" type="checkbox"/>] C	<input type="checkbox"/>] E	<input type="checkbox"/>] Unknown
4.	Baseline Emissions:			
	PM	lb/hour		tons/year
	SO ₂	lb/hour		tons/year
	NO ₂			tons/year
5.	PSD Comment (limit to 200 characters):			

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements for All Applications

1.	Process Flow Diagram	<input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU4-L1</u>	<input type="checkbox"/> Waiver Requested
		<input type="checkbox"/> Not Applicable	
2.	Fuel Analysis or Specification	<input checked="" type="checkbox"/> Attached, Document ID: <u>AN-EU1-L2</u>	<input type="checkbox"/> Waiver Requested
		<input type="checkbox"/> Not Applicable	
3.	Detailed Description of Control Equipment	<input type="checkbox"/> Attached, Document ID: _____	<input type="checkbox"/> Waiver Requested
		<input checked="" type="checkbox"/> Not Applicable	
4.	Description of Stack Sampling Facilities	<input type="checkbox"/> Attached, Document ID: _____	<input type="checkbox"/> Waiver Requested
		<input checked="" type="checkbox"/> Not Applicable	
5.	Compliance Test Report	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable
		<input type="checkbox"/> Previously Submitted, Date: _____	
6.	Procedures for Startup and Shutdown	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable
7.	Operation and Maintenance Plan	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable
8.	Supplemental Information for Construction Permit Application	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable
9.	Other Information Required by Rule or Statute	<input type="checkbox"/> Attached, Document ID: _____	<input checked="" type="checkbox"/> Not Applicable

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input checked="" type="checkbox"/> Attached, Document ID: AN-EU4-L12 <input type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
14. Acid Rain Permit Application (Hard Copy Required) <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

ATTACHMENT AN-EU4-D
EMISSION UNIT REGULATIONS

ATTACHMENT AN-EU4-D
EMISSION UNIT REGULATIONS

Applicable Requirements Listing - Power Plants Non-Acid/NSPS Rain Units

EMISSION UNIT ID: EU4: Unit 4- FPC Anclote Plant

FDEP Rules:

Stationary Sources-General:

- 62-210.700(1) - Excess Emissions (startup/shutdown/malfunction)
- 62-210.700(4) - Poor Maintenance
- 62-210.700(6) - Notification

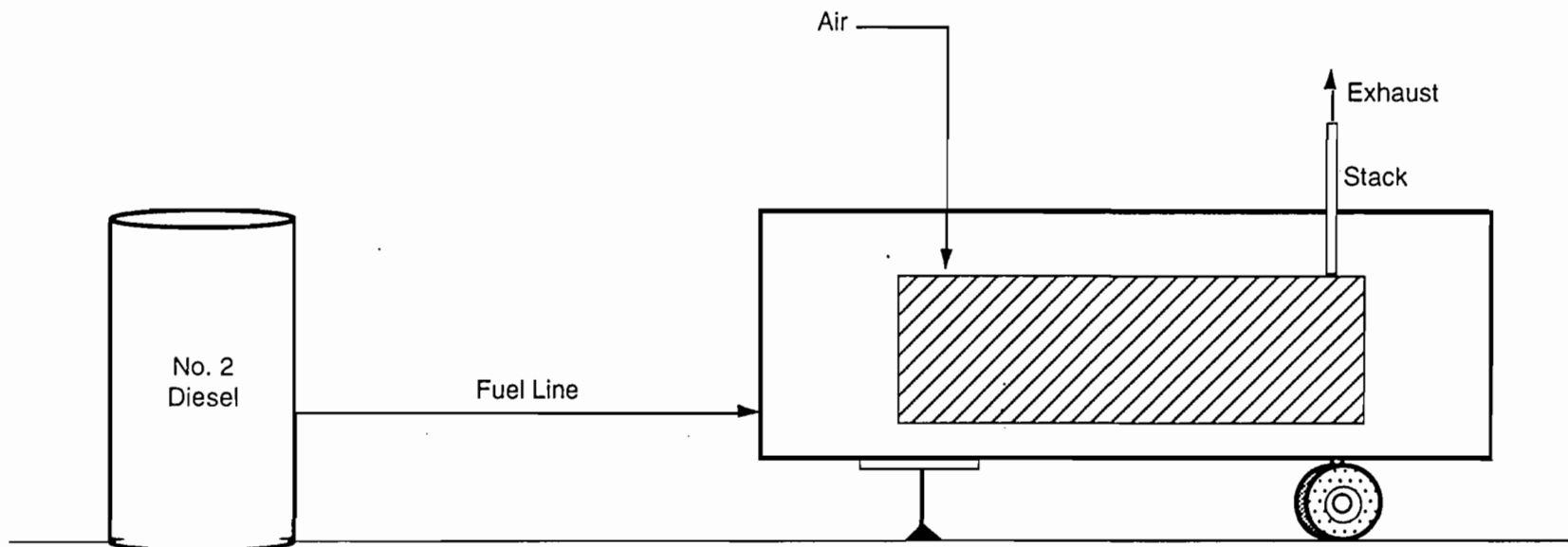
Stationary Sources-Emission Standards/RACT:

- 62-296.320(4)(b) - General VE Standard

Stationary Sources-Emission Monitoring:

- 62-297.310(2)(a) - Operating Rate; reserved for CTs
- 62-297.310(4)(a)2. - Applicable Test Procedures; Sampling time
- 62-297.310(5) - Determination of Process Variables
- 62-297.310(7)(a)3. - Permit Renewal Test Required
- 62-297.310(7)(a)4. - FDEP Notification - 15 days
- 62-297.310(7)(a)9. - Test Reports
- 62-297.310(8)

ATTACHMENT AN-EU4-L1
PROCESS FLOW DIAGRAM



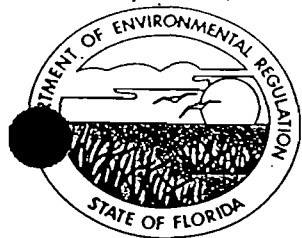
Caterpillar Model 3508-DITA, 820 kW, 1220 hp at 1,800 rpm

Attachment AN-EU4-L1
Flow Diagram of Diesel Engine/Generator Set



ATTACHMENT AN-EU4-L12

IDENTIFICATION OF ADDITIONAL APPLICABLE REQUIREMENTS



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-620-6100

Carol M. Browner, Secretary

PERMITTEE:
Florida Power Corporation
P.O. Box 14042
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: A009-205952
Counties: Citrus, Pasco,
Pinellas, Polk, Sumter
Expiration Date: 03/31/97
Project: Three 820 Kilowatt
Diesel Generators

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. 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 department and made a part hereof and specifically described as follows:

For the operation of three Caterpillar Model 3508-DITA 820 kilowatt diesel generators. The maximum heat input rate to each diesel generator is 8.58 million Btu per hour (62.1 gallons of diesel fuel per hour). The diesel generators burn new/virgin No. 2 diesel fuel oil with a maximum sulfur content of 0.5% by weight. The diesel generators may be located at any Florida Power Corporation facility listed below.

- Locations:
- (1) The Crystal River Plant, Powerline Road, Red Level, Citrus County.
 - (2) The Anclote Plant, Anclote Road, west of Alternate 19, Tarpon Springs, Pasco County.
 - (3) The Bartow Plant, Weedon Island, St. Petersburg, Pinellas County.
 - (4) The Higgins Plant, Shore Drive, Oldsmar, Pinellas County.
 - (5) The Bayboro Plant, 13th Ave. & 2nd St. South, St. Petersburg, Pinellas County.
 - (6) The Wildwood Reclamation Facility, State Road 462, 1 mile east of U.S. 301, Wildwood, Sumter County.
 - (7) The future FPC Polk County Site, County Road 555, 1 mile southwest of Homeland, Polk County.

UTM: 17-334.4 E 3204.2 N NEDS NO: 0004 Point ID: 12
(Original Citrus County Location)

Replaces Permit No.: AC09-202080

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: A009-205952
Expiration Date: 03/31/97
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Visible emissions from each diesel generator shall not be equal to or greater than 20% opacity.
[Rule 17-2.610(2)(a), F.A.C.].
3. Florida Power Corporation shall not discharge air pollutants which cause or contribute to an objectionable odor.
[Rule 17-2.620(2), F.A.C.].
4. The hours of operation expressed as "engine-hours" shall not exceed 2,970 in any consecutive 12 month period. The hours of operation expressed as "engine-hours" shall be the summation of the individual hours of operation of each diesel generator.
[Permit AC09-202080].
5. Florida Power Corporation is permitted to burn only new/virgin No. 2 diesel fuel oil with a maximum sulfur content of 0.5% by weight in the diesel generators. [Permit AC09-202080].
6. The heat input rate to each diesel generator shall not exceed 8.58 million Btu per hour (62.1 gallons per hour).
[Permit AC09-202080].
7. Florida Power Corporation shall notify the Department, in writing, at least 15 days prior to the date on which any diesel generator is to be relocated. The notification shall specify,
 - (A) which diesel generator, by serial number, is being relocated,
 - (B) which location the diesel generator is being relocated from,
 - (C) which location the diesel generator is being relocated to, and
 - (D) the approximate startup date at the new location.

If a diesel generator is to be relocated within Pinellas County, then Florida Power Corporation shall provide the same notification to the Air Quality Division of the Pinellas County Department of Environmental Management.
[Rule 17-4.070(3), F.A.C.].

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AO09-205952
Expiration Date: 03/31/97
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

8. Test each diesel generator for the following pollutants on an annual basis within 30 days of the date October 25. The test reports shall be submitted to the Air Section of the Southwest District Office of the Department within 45 days of testing. A copy of the test reports shall be submitted to the Air Quality Division of the Pinellas County Department of Environmental Management for each diesel generator located in Pinellas County. [Rules 17-2.700(2)(a)1. and 17-2.700(7), F.A.C.].

- (X) Opacity
- (X) Fuel Sulfur Analysis

9. After each relocation, test each relocated diesel generator for the following pollutants within 30 days of startup. The test reports shall be submitted to the Air Section of the Southwest District Office of the Department within 45 days of testing. A copy of the test reports shall be submitted to the Air Quality Division of the Pinellas County Department of Environmental Management for each diesel generator located in Pinellas County. [Rules 17-4.070(3), 17-2.700(2)(a)1. and 17-2.700(7), F.A.C.].

- (X) Opacity
- (X) Fuel Sulfur Analysis

10. Compliance with the emission limitation of specific condition #2 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A, and adopted by reference in Rule 17-2.700, F.A.C. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60.

11. Testing of each diesel generator emissions must be accomplished while operating the diesel generator within $\pm 10\%$ of the maximum fuel firing rate of 62.1 gallons per hour. Failure to submit the actual operating rate may invalidate the test. [Rule 17-4.070(3), F.A.C.].

12. Florida Power Corporation shall notify the Department at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted. For each diesel generator located in Pinellas County, Florida Power Corporation shall provide the same notification to the Air Quality Division of the Pinellas County Department of Environmental Management. [Rule 17-2.700(2)(a)9., F.A.C.].

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AO09-205952
Expiration Date: 03/31/97
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

13. Compliance with specific condition #4 shall be documented by record keeping. At a minimum, the records shall indicate the daily hours of operation for each individual diesel generator, the daily hours of operation expressed as "engine-hours", and a cumulative total hours of operation expressed as "engine-hours" for each month. The records shall be maintained for a minimum of 2 years and made available to the Department or the Pinellas County Department of Environmental Management upon request. [Rule 17-4.070(3), F.A.C.].

14. In order to document continuing compliance with specific condition #5, records of the sulfur content, in percent by weight, of all the fuel burned shall be kept based on either vendor provided as-shipped analyses or on analyses of as-received samples. The records shall be maintained for a minimum of 2 years and shall be made available to the Department or the Pinellas County Department of Environmental Management upon request. [Rule 17-4.070(3), F.A.C.].

15. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 17-2.610(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling.

16. Issuance of this permit does not relieve Florida Power Corporation from complying with applicable emission limiting standards or other requirements of Chapter 17-2, or any other requirements under federal, state, or local law. [Rule 17-2.210, F.A.C.].

17. Construction permit number AC09-202080 might have been subject to the new source review (NSR) requirements of Rule 17-2.500, F.A.C. if any of the federally enforceable limits in the permit had been relaxed. If Florida Power Corporation requests relaxation of any of the federally enforceable limits, then the Department will determine whether the NSR requirements of Rule 17-2.500, F.A.C. shall apply as though construction had not yet commenced. [Rule 17-2.500(2)(g), F.A.C.].

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: A009-205952
Expiration Date: 03/31/97
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

18. Florida Power Corporation shall submit, for these diesel generators, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Section 403.061(13), Florida Statutes.

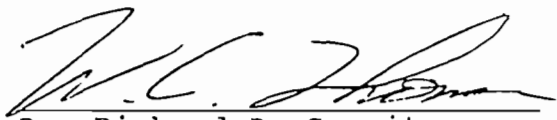
- (A) The location of each diesel generator, by serial number, at the end of the preceding calendar year.
- (B) The annual amount of fuel burned in each diesel generator, by serial number.
- (C) The annual hours of operation of each diesel generator, by serial number.
- (D) The annual hours of operation expressed in "engine-hours", as defined in specific condition 4.
- (E) A copy of the fuel sulfur content records required by specific condition 14 for the preceding calendar year.
- (F) Annual emissions of particulate, PM₁₀, carbon monoxide, SO₂, and NO_x based upon actual diesel generator operation and fuel use (provide a copy of the calculation sheets and the basis for the calculations).
- (G) Any changes in the information contained in the permit application.

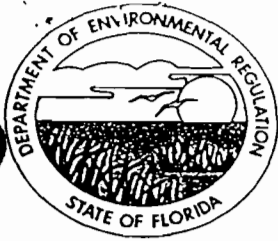
If any diesel generator operated within Pinellas County at any time during the preceding calendar year, then Florida Power Corporation shall provide a copy of the emission report to the Air Quality Division of the Pinellas County Department of Environmental Management.

19. Three applications to renew this operation permit shall be submitted to the Department of Environmental Regulation, and one copy shall be submitted to the Air Quality Division of the Pinellas County Department of Environmental Management, by January 30, 1997.

[Rules 17-4.090 and 17-4.050(2), F.A.C. and Pinellas County Ordinance 89-70 as amended by 90-63, Subpart 2.210].

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION


Dr. Richard D. Garrity
Director of District Management



Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347

Lawton Chiles, Governor

813-620-6100

Carol M. Browner, Secretary

PERMITTEE:
Florida Power Corporation
P.O. Box 14042
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AC09-202080
Counties: Citrus, Pasco
Pinellas, Polk, Sumter
Expiration Date: 06/30/92
Project: Three 820 Kilowatt
Diesel Generators

RECEIVED

APR 28 1992

Environmental Svcs
Department

Issued: 10/07/91
Amended: 04/27/92

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. 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 department and made a part hereof and specifically described as follows:

For construction (installation) of three Caterpillar Model 3508-DITA 820 kilowatt diesel generators. The maximum heat input rate to each diesel generator will be 8.58 million Btu per hour (62.1 gallons of diesel fuel per hour). The diesel generators will burn new/virgin No. 2 diesel fuel oil with a maximum sulfur content of 0.5% by weight. The diesel generators may be located at any Florida Power Corporation facility listed below.

- Locations:
- (1) The Crystal River Plant, Powerline Road, Red Level, Citrus County.
 - (2) The Anclote Plant, Anclote Road, west of Alternate 19, Tarpon Springs, Pasco County.
 - (3) The Bartow Plant, Weedon Island, St. Petersburg, Pinellas County.
 - (4) The Higgins Plant, Shore Drive, Oldsmar, Pinellas County.
 - (5) The Bayboro Plant, 13th Ave. & 2nd St. South, St. Petersburg, Pinellas County.
 - (6) The Wildwood Reclamation Facility, State Road 462, 1 mile east of U.S. 301, Wildwood, Sumter County.
 - (7) The future FPC Polk County Site, County Road 555, 1 mile southwest of Homeland, Polk County.

UTM: 17-334.4 E 3204.2 N NEDS NO: 0004 Point ID: 12
(Original Citrus County Location)

Replaces Permit No.: Not Applicable, New Construction.

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AC09-202080
Expiration Date: 06/30/92
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Visible emissions from each diesel generator shall not be equal to or greater than 20% opacity.
[Rule 17-2.610(2)(a), F.A.C.].
3. Florida Power Corporation shall not discharge air pollutants which cause or contribute to an objectionable odor.
[Rule 17-2.620(2), F.A.C.].
4. In order to exempt this construction permit from the new source review requirements of Rule 17-2.500, F.A.C., the hours of operation expressed as "engine-hours" shall not exceed 2,970 in any consecutive 12 month period. The hours of operation expressed as "engine-hours" shall be the summation of the individual hours of operation of each diesel generator.
[Requested in the permit application].
5. Florida Power Corporation is permitted to burn only new/virgin No. 2 diesel fuel oil with a maximum sulfur content of 0.5% by weight in the diesel generators.
[Requested in the permit application].
6. The heat input rate to each diesel generator shall not exceed 8.58 million Btu per hour (62.1 gallons per hour).
[Requested in the permit application].
7. Florida Power Corporation shall notify the Department, in writing, at least 15 days prior to the date on which any diesel generator is to be relocated. The notification shall specify,
 - (A) which diesel generator, by serial number, is being relocated,
 - (B) which location the diesel generator is being relocated from,
 - (C) which location the diesel generator is being relocated to, and
 - (D) the approximate startup date at the new location.

If a diesel generator is to be relocated within Pinellas County, then Florida Power Corporation shall provide the same notification to the Air Quality Division of the Pinellas County Department of Environmental Management.
[Rule 17-4.070(3), F.A.C.].

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AC09-202080
Expiration Date: 06/30/92
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

8. Test each diesel generator for the following pollutants within 30 days of initial startup. The test reports shall be submitted to the Air Section of the Southwest District Office of the Department within 45 days of testing in conjunction with a Certificate of Completion of Construction, DER Form 17-1.202(3). [Rules 17-2.700(2)(a)1. and 17-2.700(7), F.A.C.].

- (X) Opacity
- (X) Fuel Sulfur Analysis

9. After each relocation, test each relocated diesel generator for the following pollutants within 30 days of startup. The test reports shall be submitted to the Air Section of the Southwest District Office of the Department within 45 days of testing. A copy of the test reports shall be submitted to the Air Quality Division of the Pinellas County Department of Environmental Management for each diesel generator located in Pinellas County. [Rules 17-4.070(3), 17-2.700(2)(a)1. and 17-2.700(7), F.A.C.].

- (X) Opacity
- (X) Fuel Sulfur Analysis

10. Compliance with the emission limitation of specific condition #2 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A, and adopted by reference in Rule 17-2.700, F.A.C. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 17-2.700, F.A.C. and 40 CFR 60.

11. Testing of each diesel generator emissions must be accomplished while operating the diesel generator within $\pm 10\%$ of the maximum fuel firing rate of 62.1 gallons per hour. Failure to submit the actual operating rate may invalidate the test. [Rule 17-4.070(3), F.A.C.].

12. Florida Power Corporation shall notify the Department at least 15 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted. For each diesel generator located in Pinellas County, Florida Power Corporation shall provide the same notification to the Air Quality Division of the Pinellas County Department of Environmental Management. [Rule 17-2.700(2)(a)9., F.A.C.].

PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AC09-202080
Expiration Date: 06/30/92
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

13. Compliance with specific condition #4 shall be documented by record keeping. At a minimum, the records shall indicate the daily hours of operation for each individual diesel generator, the daily hours of operation expressed as "engine-hours", and a cumulative total hours of operation expressed as "engine-hours" for each month. The records shall be maintained for a minimum of 2 years and made available to the Department or the Pinellas County Department of Environmental Management upon request. [Rule 17-4.070(3), F.A.C.].

14. In order to document continuing compliance with specific condition #5, records of the sulfur content, in percent by weight, of all the fuel burned shall be kept based on either vendor provided as-shipped analyses or on analyses of as-received samples. The records shall be maintained for a minimum of 2 years and shall be made available to the Department or the Pinellas County Department of Environmental Management upon request. [Rule 17-4.070(3), F.A.C.].

15. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 17-2.610(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling.

16. Issuance of this permit does not relieve Florida Power Corporation from complying with applicable emission limiting standards or other requirements of Chapter 17-2, or any other requirements under federal, state, or local law. [Rule 17-2.210, F.A.C.].

17. This construction permit might have been subject to the new source review (NSR) requirements of Rule 17-2.500, F.A.C. if any of the federally enforceable limits in this permit had been relaxed. If Florida Power Corporation requests relaxation of any of the federally enforceable limits in this permit, then the Department will determine whether the NSR requirements of Rule 17-2.500, F.A.C. shall apply as though construction had not yet commenced. [Rule 17-2.500(2)(g), F.A.C.].

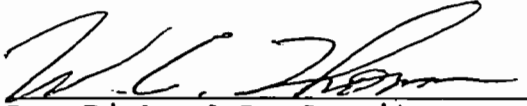
PERMITTEE:
Florida Power Corporation
St. Petersburg, FL 33733

PERMIT/CERTIFICATION
Permit No: AC09-202080
Expiration Date: 06/30/92
Project: Three 820 Kilowatt
Diesel Generators

SPECIFIC CONDITIONS:

18. Florida Power Corporation shall submit
- (A) four applications for an operating permit (Certificate of Completion of Construction),
 - (B) the appropriate application fee,
 - (C) the test reports required by specific condition #7, and
 - (D) an up-to-date copy of the records required by specific conditions #11 and #12,
- to the Southwest District Office of the Department of Environmental Regulation within 45 days of compliance testing, or by May 1, 1992, whichever date is earliest.
[Rule 17-4.090, F.A.C.].

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

For 
Dr. Richard D. Garrity
Director of District Management