



Jeb Bush
Governor

Department of Environmental Protection

FILE

South District
P.O. Box 2549
Fort Myers, Florida 33902-2549
February 4, 1999

David B. Struhs
Secretary

CERTIFIED MAIL #Z 252 620 616
RETURN RECEIPT REQUESTED

Mr. Charles M. Drake
Manager, Sebring Power
Tampa Electric Company
Post Office Box 111
Tampa, Florida 33601-0111

Re: DRAFT Title V Permit No.: 0550018-001-AV
J. H. Phillips Station

Dear Mr. Drake:

One copy of the DRAFT Title V Air Operation Permit for the J. H. Phillips Station located at 7301 Airport Road, Sebring, Florida, Highlands County, is enclosed. The permitting authority's "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" and the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" are also included.

The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" must be published as soon as possible. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to David M. Knowles P.E., at the above letterhead address. If you have any other questions, please contact Jerry R. Smith P.E. at (941) 332-6975.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

David M. Knowles

David M. Knowles, P.E.
District Air Program Administrator
Post Office Box 2549
Fort Myers, Florida 33902-2549
(941) 332-6975

DMK/JRS/jw
Enclosures

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. Addressee's Address
- 2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

RECEIVED
 MR CHARLES M DAVIS
 MANAGER, SEBRING POWER
 TAMPA ELECTRIC CO
 P O BOX 111
 TAMPA FL 33601-0111
 DEP. South District

4a. Article Number

Z 252 620 616

4b. Service Type

- Registered Certified
- Express Mail Insured
- Return Receipt for Merchandise COD

7. Date of Delivery

2-8-99

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X

JRS

8. Addressee's Address (Only if requested and fee is paid)

JRS/jw

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

Thank you for using Return Receipt Service.

Z 252 620 616

**US Postal Service
 Receipt for Certified Mail**

No Insurance Coverage Provided.
 Do not use for International Mail (See reverse)

Sent to	MR CHARLES M DRAKE
Street & Number	TAMPA ELECTRIC CO
Post Office, State, & ZIP Code	P O BOX 111
Postage	TAMPA FL 33601-0111
Certified Fee	\$
Special Delivery Fee	
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Return Receipt Showing to Whom & Date Delivered	
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TOTAL Postage & Fees	\$
Postmark or Date	JRS
	2/4/99

PS Form 3800, April 1995

In the Matter of an
Application for Permit by:

Tampa Electric Company
Post Office Box 111
Tampa, Florida 33601-0111

DRAFT Permit No.: 0550018-001-AV
J. H. Phillips Station
Highlands County

INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

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

The applicant, Tampa Electric Company, applied on June 14, 1996, to the permitting authority for a Title V air operation permit for the J. H. Phillips Station located at 7301 Airport Road, Sebring, Florida, Highlands County.

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

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

Pursuant to Sections 403.815 and 403.087, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." The notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the permitting authority's office Florida Department of Environmental Protection, Post Office Box 2549, Fort Myers, Florida, 33902-2549 (Telephone: (941) 332-6975; Fax: (941) 332-6969), within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106, F.A.C.

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

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

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9735, Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when each petitioner received notice of the agency action or proposed action;

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

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

(f) A demand for relief.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

Mediation will not be available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

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

(a) The name, address, and telephone number of the petitioner;

(b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;

(c) Each rule or portion of a rule from which a variance or waiver is requested;

(d) The citation to the statute underlying (implemented by) the rule identified in (c) above;

(e) The type of action requested;

(f) The specific facts that would justify a variance or waiver for the petitioner;

(g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,

(h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

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

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

Finally, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

Executed in Fort Myers, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

David M. Knowles

David M. Knowles, P.E.
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901-3881
(941) 332-6975

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT permit) and all copies were sent by certified mail before the close of business on February 5, 1999 to the person(s) listed:

Charles M. Drake, Tampa Electric Company

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

Thomas W. Davis, P.E.

Scott Sheplak, Bureau of Air Regulation (Internet E-Mail Memorandum)

Ms. Carla E. Pierce, USEPA Region 4 (Internet E-Mail Memorandum)

Ms. Gracy Danois, USEPA Region 4 (Internet E-Mail Memorandum)

Clerk Stamp

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

Scott Sheplak 2-5-99
(Clerk) (Date)

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Title V DRAFT Permit No.: 0550018-001-AV

J. H. Phillips Station

Highlands County

The State of Florida Department Of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit to Tampa Electric Company for J. H. Phillips Station located at 7301 Airport Road , Sebring, Florida, Highlands County. The applicant's name and address are: Tampa Electric Company, Post Office Box 111, Tampa, Florida 33601-0111.

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

The permitting authority will accept written comments concerning the proposed Title V DRAFT Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments should be provided to the permitting authority's office State of Florida Department of Environmental Protection, Post Office Box 2549, Fort Myers, Florida 33902-2549. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida, 32399-3000 (Telephone: 850/488-9735, Fax: 850/487-4938). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request any administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.)

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

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

(b) The name, address and telephone number of the petitioner; name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how petitioner's substantial rights will be affected by the agency determination;

(c) A statement of how and when the petitioner received notice of the agency action or proposed action;

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

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

(f) A demand for relief.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

Mediation is not available for this proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section 7661d(b)(2) and must be filed with the Administrator of the EPA at: U.S. EPA, 401 M Street, S.W., Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:

State of Florida Department of Environmental Protection

2295 Victoria Avenue, Suite 364W

Fort Myers, Florida 33901-3881

Telephone: (941) 332-6975

Fax: (941) 332-6969

The complete project file includes the DRAFT Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact David M. Knowles, P.E., at the above address, or call (941) 332-6975, for additional information.

Tampa Electric Company
J. H. Phillips Station
Facility ID No.: 0550018
Highlands County

Initial Title V Air Operation Permit
DRAFT Permit No.: 0550018-001-AV

Permitting Authority:

State of Florida Department of Environmental Protection
Post Office Box 2549
Fort Myers, Florida 33902-2549
Telephone: (941) 332-6975
Fax: (941) 332-6969

Compliance Authority:

State of Florida Department of Environmental Protection
Post Office Box 2549
Fort Myers, Florida 33902-2549
Telephone: (941) 332-6975
Fax: (941) 332-6969

Initial Title V Air Operation Permit
DRAFT Permit No.: 0550018-001-AV

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STATEMENT OF BASIS

Tampa Electric Company
J. H. Phillips Station
Facility ID No.: 0550018
Highlands County

Initial Title V Air Operation Permit
DRAFT Permit No.: 0550018-001-AV

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

This facility consists of two slow speed diesel engines and a steam boiler.

The slow speed diesel engines drive electric generators and burn No. 6 fuel oil. The maximum heat input for each engine is 172 MMBtu/hour. The boiler burns No. 2 fuel oil and the steam is used to heat the No. 6 fuel oil. The maximum heat input for the boiler is 10.4 MMBtu/hour.

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

Based on the initial Title V permit application received June 14, 1996, this facility is not a major source of hazardous air pollutants (HAPs).

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of two slow speed diesel engines, burning No. 6 fuel oil, driving electric generators. The exhaust gas from the diesels is used in two heat recovery steam boilers to produce steam to drive a turbine generator to make more electricity. The engines are cooled by a recirculating cooling water system. An auxiliary steam boiler, burning No. 2 fuel oil, is used to heat the No. 6 fuel oil. A small emergency diesel generating unit operates less than 400 hours/year. Fuel oil storage tanks and ancillary support equipment are also on site.

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

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

E.U.

ID No.

Brief Description

001	19.535 MW slow speed diesel generating unit
002	19.535 MW slow speed diesel generating unit
003	Emergency diesel generating unit
004	Steam Boiler

Two slow speed diesel engines fired with No. 6 fuel oil, and an auxiliary steam boiler fired with No. 2 fuel oil. The emergency diesel generating unit operates less than 400 hours/year.

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

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit, however, are specifically related to this permitting action.

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

Table 1-1, Summary of Air Pollutant Standards and Terms
Table 2-1, Summary of Compliance Requirements
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History/ID Number Changes

These documents are on file with permitting authority:

Initial Title V Permit Application received June 14, 1996.

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX TV-1, TITLE V CONDITIONS, (version dated 12/02/97) is a part of this permit. {Permitting note: APPENDIX TV-1, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}
2. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]
3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. [Rule 62-296.320(4)(b)1. & 4., F.A.C.]
4. Prevention of Accidental Releases (Section 112(r) of CAA). If required by 40 CFR 68, the permittee shall submit to the implementing agency:
 - a. a risk management plan (RMP) when, and if, such requirement becomes applicable; and
 - b. certification forms and/or RMP's according to the promulgated rule schedule.[40 CFR 68]
5. Insignificant Emissions Units and or Activities. Appendix I-1, List of insignificant emission units and/or activities, is a part of this permit.
6. **Not federally enforceable.** General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. [Rule 62-296.320(1)(a), F.A.C.]
7. The hours of operation of this facility are not limited.

Tampa Electric Company
J. H. Phillips Station
Page 4

DRAFT Permit No.: 0550018-001-AV

8. If the department has reason to believe that any applicable emission standard or condition of the permit is being violated, then the department may require the permittee to conduct compliance tests or keep additional records which identify the nature and quantity of pollutant emissions. [Rule 62-297.310(7)(b), F.A.C.]

9. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one. [Rule 62-213.440, F.A.C.]

10. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's South District office:

Department of Environmental Protection
South District
Post Office Box 2549
Fort Myers, Florida 33902-2549
Telephone: 941/332-6975
Fax: 941/332-6969

11. Any reports, data, notifications, certifications, and requests required to be sent to the United State Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency
Region 4
Air & EPCRA Enforcement Branch
Air Compliance Section
61 Forsyth Street
Atlanta, Georgia 30303
Telephone: 404/562-9099
Fax: 404/562-9095

Section III. Emissions Unit(s) and Conditions.

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

E.U.

<u>ID No.</u>	<u>Brief Description</u>
001	19.535 MW slow speed diesel generating unit
002	19.535 MW slow speed diesel generating unit

The following specific conditions apply:

Essential Potential to Emit (PTE) Parameters

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

<u>Unit No.</u>	<u>MMBtu/hour</u>	<u>Fuel Type</u>
001	172	No. 6 fuel oil
002	172	No. 6 fuel oil

A.2. Methods of Operation. Fuels.

a. This facility is authorized to fire Number 6 fuel oil with a sulfur content of $\leq 2.5\%$ in the diesel generating units. [BACT dated February 17, 1981.]

A.3. Hours of Operation. These emissions units are allowed to operate continuously, i.e. 8760 hours/year. [Rules 62-4,160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

A.4. The allowable emissions for each slow-speed diesel engine shall be as follows:

Pollutant	Maximum Emissions	lb/hour
Nitrogen Oxides (No _x)	819 PPM @ 15% O ₂	572
Carbon Monoxide (CO)	0.575 lb/MMBtu	99
Hydrocarbons (HC)	0.26 lb/MMBtu	45
Particulate Matter (PM)	0.1 lb/MMBtu	17
Sulfur Dioxide (SO ₂)	2.67 lb/MMBtu	460

[BACT Dated February 17, 1981]

Test Methods and Procedures

A.5. Nitrogen oxide emission tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the unit is capable of compliance at the permitted maximum operating rate. Test shall be conducted in accordance with EPA Method 7E as published in 40 CFR-60, Appendix A, or State approved equivalent method. Such tests shall be conducted once during each Federal fiscal year.

[Construction permit AC28-7377 and AC28-7291 dated March 16, 1981.]

A.6. Carbon monoxide emission tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the unit is capable of compliance at the permitted maximum operating rate. Test shall be conducted in accordance with EPA Method 10 as published in 40 CFR-60, Appendix A, or State approved equivalent method. Such tests shall be conducted once during each Federal fiscal year.

[Construction permit AC28-7377 and AC28-7291 dated March 16, 1981.]

A.7. Visible emission tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the unit is capable of compliance at the permitted maximum operating rate. Test shall be conducted in accordance with EPA Method 9 as published in 40 CFR-60, Appendix A, or State approved equivalent method. Such tests shall be conducted once during each Federal fiscal year.

[Construction permit AC28-7377 and AC28-7291 dated March 16, 1981.]

A.8. If the opacity determined by EPA method 9 is greater than 10% then a particulate matter emissions test is required. The test shall be conducted in accordance with EPA Method 5 as published in 40 CFR-60, Appendix A, or State approved equivalent method.

[Construction permit AC28-7377 and AC28-7291 dated March 16, 1981.]

A.9. Compliance with the sulfur dioxide emission limit may be calculated from analyses of sulfur in the fuel oil. Sulfur content in fuel shall not exceed 2.5% by weight.

[Construction permit AC28-7377 and AC28-7291 dated March 16, 1981.]

A.10. The following parameters are to be monitored on a daily basis. Appropriate records shall be maintained on site for Department Inspection:

- (a) Intake manifold temperature
- (b) Intake manifold pressure
- (c) Fuel flow
- (d) Injector timing

[Construction permit AC28-7377 and AC28-7291 dated March 16, 1981.]

A.11. Stack sampling facilities provided by the owner shall be in accordance with the requirements of Chapter 62-297, F.A.C.

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

E.U.

<u>ID No.</u>	<u>Brief Description</u>
004	Steam Boiler

The following specific conditions apply:

Essential Potential to Emit (PTE) Parameters

B.1. Permitted Capacity. The maximum operation heat input rate is 10.46 MMBtu/hour.
[Construction permit AC28-221558 dated March 10, 1993]

B.2. Methods of Operation: Fuel. This boiler is authorized to burn No. 2 fuel oil with a sulfur content $\leq 0.5\%$ by weight.
[Construction permit AC28-221558 dated March 10, 1993]

B.3. This emissions unit is allowed to operate continuously, i.e., 8760 hours/year.

Emission Limitations and Standards

B.4. Visible emissions shall not exceed 20% opacity under normal operation except for up to 6 minutes in any one hour during which the average opacity shall not exceed 27%.
[Rule 62-296.406(1), F.A.C.]

Test Methods and Procedures

B.5. Visible emissions tests are required to show continuing compliance with the standards of the Department. The test results must provide reasonable assurance that the unit is capable of compliance at the permitted maximum operating rate. Tests shall be conducted in accordance with EPA Method 9 as published in 40 CFR-60, Appendix A, or State approved equivalent method. Such tests shall be conducted once during each Federal fiscal year. Results shall be submitted to the Department within 45 days after testing. The Department shall be notified at least 15 days prior to testing to allow witnessing. [Rule 62-297.310, F.A.C.]

Subsection C. Common Conditions

E.U.

<u>ID No.</u>	<u>Brief Description</u>
001	Diesel Generator
002	Diesel Generator
004	Steam Boiler

The following conditions apply to the emissions units listed above:

C.1. Tampa Electric Company shall maintain daily records, in a permanent form suitable for inspection, documenting the sulfur content of all fuels burned. The records shall contain, as a minimum, for each day, the sulfur content of the fuels, the amount of each fuel burned, Btu content, and density of the fuel. The records shall contain sufficient detail to allow the Department to determine whether the emissions were properly computed. All recorded data shall be maintained on file for a period of at least 5 years. Quarterly reports shall be submitted for those quarters in which the facility is in service. The reports shall be sent to the Department within 30 days of the end of the quarter giving monthly summaries of the following data:

- a) Pounds of sulfur dioxide per million Btu of heat input based on a monthly average.
- b) The amount of each type of fuel burned for the reporting period.

[BACT dated February 17, 1981]

C.2. Annual compliance testing is not required for these emissions units while burning only liquid fuel(s) for less than 400 hour per year.

[Rules 62-297.310(7)(a)3 . and 5., F.A.C.; and ASP Number 97-B-01.]

Test Methods and Procedures

C.3. Operating Rate During Testing. Testing of emissions should be conducted with the source operating within 10% of its rated capacity. Testing may be conducted at less than 90% of rated capacity; however, if so, subsequent source operation is limited to up to 110% of the test load. Once the unit is so limited, operation at higher capacities is allowed for purposes of additional compliance testing to regain rated capacity in the permit with prior notification of Department's South District. [Rule 62-297.310(2) and (2)(b), F.A.C.]

C.4. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Rules 62-210, 62-212, 62-252, 62-272, 62-273, 62-275, 62-296, and 62-297, F.A.C., or any other requirements under Federal, State, or local law. [Rule 62-210.300, F.A.C.]

Appendix H-1, Permit History/ID Number Changes

Permit History (for tracking purposes):

<u>E.U. ID No.</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>
001	Diesel Generator	AO28-234787	10/15/93	10/05/98
		AO28-154204	09/16/88	09/16/93
		AO28-71313	07/28/83	07/28/88
		AC28-7377	03/16/81	08/16/83
002	Diesel Generator	AO28-234794	10/15/93	10/05/98
		AO28-154205	09/16/88	09/16/93
		AO28-71315	07/28/83	07/28/88
		AC28-7291	03/16/81	08/16/83
003	Diesel Generator	AO28-125884	05/14/87	05/14/92 Declared Exempt 3/3/92
004	Steam Boiler	AO28-234735	11/17/93	10/05/98
		AC28-221558	03/10/93	03/10/98

From: **Facility ID No.:** 52FTM280018

To: **Facility ID No.:** 0550018

Notes:

- 1 - AO permit(s) automatic extension(s) in Rule 62-210.300(2)(a)3.a., F.A.C., effective 3/21/96.
- 2 - AC permit(s) automatic extension(s) in Rule 62-213.420(1)(a)4., F.A.C., effective 03/20/96.
{Rule 62-213.420(1)(b)2., F.A.C., effective 03/20/96, allows Title V Sources to operate under existing valid permits}

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

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

E.U.

ID No.

Brief Description

003

Emergency Diesel Generator

Fuel Oil Storage Tanks

Ancillary Support Equipment

R PERMIT ROUTING SHEET

ARMS UPDATED
05-10-99 MGN

Date 9/6 By Jerry Smith County HIGHLANDS

Permittee TAMPA ELEC. CO. ID No. 0550018
Application No. 0550018-001-AV

Please Initial

JMS **ENFORCEMENT**
 No problems
 Under Enforcement - return to Permitting

JMS **PERMITTING**
 OK for typing

1-22-99 jw
5-7-99 jw **CLERICAL**
 Type cover letter and permit.
TYPE THE FOLLOWING ENVELOPES OR LABELS:
 Applicant
 Engineer
 County Health Department _____
 County Commission _____
 Florida Public Service Commission _____
 Others _____
 Make new file folder for this project _____

5-4-99 jw **PERMITTING**
 OK for signature
_____ **DISTRICT AIR PROGRAM ADMINISTRATOR**
 Check, sign permit and cover letter. If any problem, return to permitting.

_____ **CLERICAL**
 Make 2 photocopies of cover letter and permit.
 ENCLOSE 1 COPY OF DEP FORM
 GROUP PACKAGE FOR APPLICANT; original cover letter, permit, and one copy of application
 GROUP PACKAGE FOR ENGINEER; one copy of letter, permit, and (all extra) applications.
 GROUP OFFICE COPIES of cover letter, permit, plans & specifications, and file accordingly.
GROUP PACKAGES OF ONE COPY OF COVER LETTER AND PERMIT FOR:
 County Health Department
 County Commission
 Florida Public Service Commission
 Marathon Office DEP
MAIL PACKAGES TO RESPECTIVE PARTIES:
 Tallahassee County Health Department.
 Applicant County Commission
 Engineer FL Public Service Comm.
 Others Marathon Office

Application Submitted

June 14, 1996

Request for Information

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Permit Engineer ini./
Pre-Draft e-mailed

January 15
~~February 11, 1999~~ JRS

Comments Received

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Draft Issued/
Permit Engineer ini.

February 4, 1999 JRS

Comments Received

NONE

Public Notice date

March 5, 1999 Received March 11, 1999

Comments Received

NONE

Proposed Issued/
Permit Engineer ini.

May 4, 1999 JRS/men

EPA Comments

NONE

Final Issued/
Permit Engineer ini.

June 24, 1999 JRS

Administrative
Correction

March 14, 2000 AEL

