

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

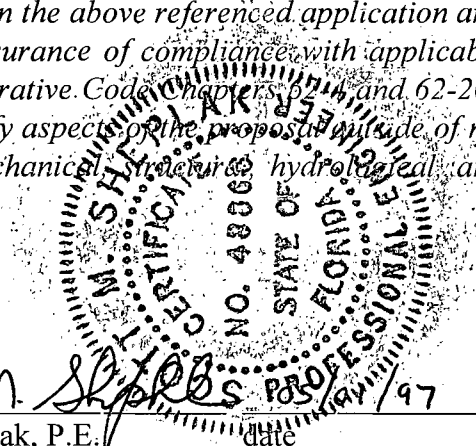
P.E. Certification Statement

Permittee:
Tampa Electric Company
Hookers Point Station

DRAFT Permit No.: 0570038-001-AV
Facility ID No.: 0570038

Project type: Initial Title V Air Operation Permit

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



Scott M. Sheplak, P.E. date
Registration Number: 0048866

Permitting Authority:
Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 904/488-1344
Fax: 904/922-6979

In the Matter of an
Application for Permit by:

Tampa Electric Company
P.O. Box 111
Tampa, Florida 33601-0111

DRAFT Permit No.: 0570038-001-AV
Hookers Point Station
Hillsborough County

INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

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

The applicant, Tampa Electric Company, applied on June 13, 1997, to the permitting authority for a Title V air operation permit for the Hookers Point Station located at 1700 Hemlock Street, Tampa, Hillsborough County.

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

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

Pursuant to Sections 403.815 and 403.0872, F.S., and Rules 62-103.150 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT." The notice shall be published one time only within 30 (thirty) days in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 904/488-1344; Fax: 904/922-6979), within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-103.150(6), 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 enclosed Title V DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

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

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

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 904/488-9730; Fax: 904/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any other person must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207, F.A.C.

A petition must contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number, and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the permitting authority's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the permitting authority's action or proposed action;
- (d) A statement of the material facts disputed by the petitioner, if any;

(e) A statement of the facts that the petitioner contends warrant reversal or modification of the permitting authority's action or proposed action;

(f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority's action or proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the permitting authority to take with respect to the action or proposed action addressed in this notice of intent.

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

A person whose substantial interests are affected by the permitting authority's proposed permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department of Environmental Protection a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information:

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

(b) A statement of the preliminary agency action;

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

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

The agreement to mediate must include the following:

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

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

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

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

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

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

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

As provided in Section 120.573, F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57, F.S., for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within 60 (sixty) days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department of Environmental Protection must enter an order incorporating the agreement of the parties in accordance with the provisions of Section 403.0872(7), F.S. If mediation terminates without settlement of the dispute, the permitting authority shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57, F.S., remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

In addition to the above, 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 410 M. Street, SW, Washington, D.C. 20460.

Executed in Tallahassee, Florida.

**STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION**

for



C. H. Fancy, P.E.

Chief

Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE TITLE V AIR OPERATION PERMIT (including the PUBLIC NOTICE and the DRAFT permit) and all copies were sent by certified mail before the close of business on May 2, 1997 to the person(s) listed:

Mr. Doug Finke, Tampa Electric Company
Mr. Thomas Reese, Attorney at Law

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:

Mr. Thomas Davis, P.E, Environmental Consulting & Technology
Mr. Richard Kirby, P.E., Hillsborough County Environmental Protection Commission
Mr. Gerald Kissel, P.E., FDEP, SWD

Janice K. Taylor, Tampa Electric Company
Ready File
Steve Welsh

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.

Charlotte M. Hayes
(Clerk)

5/2/97
(Date)

PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Title V DRAFT Permit No.: 0570038-001-AV
Hookers Point Station
Hillsborough County

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue a Title V air operation permit to Tampa Electric Company for the Hookers Point Station located at 1700 Hemlock Street, Tampa, Hillsborough County. A case-by-case Maximum Achievable Control Technology (MACT) determination was not required in this permitting action. The applicant's name and address are: Tampa Electric Company, P.O. 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 Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the permitting authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

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

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 904/488-9730; Fax: 904/487-4938). Petitions must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of the notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information:

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number, and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the permitting authority's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the permitting authority's action or proposed action;

(d) A statement of the material facts disputed by the petitioner, if any;

(e) A statement of the facts that the petitioner contends warrant reversal or modification of the permitting authority's action or proposed action;

(f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority's action or proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the permitting authority to take with respect to the action or proposed action addressed in this notice of intent.

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

A person whose substantial interests are affected by the permitting authority's proposed permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department of Environmental Protection a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, FL 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information:

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

(b) A statement of the preliminary agency action;

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

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

The agreement to mediate must include the following:

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

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

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

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

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

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

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

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

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

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any permit. Any petition shall be based only on objections to the permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless 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 410 M. Street, SW, Washington, D.C. 20460.

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

Permitting Authority:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Voice: 904-488-1344
Fax: 904-922-6979

Affected Local Program:

Hillsborough County Environmental Protection Commission
1900-9th Avenue
Tampa, FL 33605
Voice: 813-272-5960
Fax: 813-272-5157

The complete project file includes the Draft Permit, the application, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Scott M. Sheplak, P.E., at the above address, or call 904/488-1344, for additional information.

Initial Title V Air Operation Permit

Tampa Electric Company
Hookers Point Station
Facility ID No. 0570038
Hillsborough County

DRAFT Permit No. 0570038-001-AV

Permitting Authority:
State of Florida
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
Title V Section
Mail Station #5505
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Voice: 904/488-1344
Fax: 904/922-6979

Drafted on:
April 29, 1997

Initial Title V Air Operation Permit
DRAFT Permit No.: 0570038-001-AV

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Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

Permittee:
Tampa Electric Company
Hookers Point Station

DRAFT Permit No.: 0570038-001-AV
Facility ID No.: 0570038
SIC No. : 49, 4911
Project: Initial Title V Air Operation Permit

This permit is for the operation of the Hookers Point Station which is located at 1700 Hemlock Street Tampa, Hillsborough County, UTM Coordinates: Zone 17, 358.0 km East and 3091.0 km North. Latitude 27° 56' 17" North, Longitude 82° 26' 36" West.

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

Referenced attachments made a part of this permit:

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

APPENDIX TV-1, TITLE V CONDITIONS

APPENDIX SS-1, STACK SAMPLING FACILITIES

Phase II Application/Compliance Plan received December 26, 1995

Phase I permit dated February 17, 1993

Appendix OM-1, Operation and Maintenance Procedures

Effective Date: January 1, 1998

Renewal Application Due Date: July 5, 2002

Expiration Date: January 1, 2002

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

HLR/sms/sw

I. Facility Information
A. Facility Description

This facility consists of six oil-fired boilers. The boilers are regulated under Rule 62-296.405, F.A.C.

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

Based on the initial Title V permit application received June 15, 1996, this facility is a major source of hazardous air pollutants (HAP).

B. Summary of Emissions Unit ID Nos. and Brief Description

<u>E. U.</u> <u>I.D. No.</u>	<u>Brief Description/Maximum Heat Input</u>
-001	Boiler #1 298 MMBtu/hr
-002	Boiler #2 298 MMBtu/hr
-003	Boiler #3 411 MMBtu/hr
-004	Boiler #4 411 MMBtu/hr
-005	Boiler #5 610 MMBtu/hr
-006	Boiler #6 778 MMBtu/hr

Please reference the permit No. and facility ID No. on all applications, test report submittals, and any other correspondence.

C. Relevant Documents

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

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

Appendix H-1, Permit History

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

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

Table 2-1, Summary of Compliance Requirements

These documents are on file with the permitting authority:

Initial Title V Permit Application received June 15, 1996; revised February 13, 1997

Additional Information Request dated November 7, 1996

Additional Information Response received February 13, 1997

II. Facility-wide Conditions

The following conditions apply facility-wide:

1. APPENDIX TV-1, TITLE V CONDITIONS (version 2/27/97), 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. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity).
[Rule 62-296.320(4)(b)1., F.A.C.]
3. 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.]
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 RMPs according to the promulgated rule schedule.[40 CFR 68]
5. 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.]
6. Exempt Emissions Units and/or Activities. Appendix E-1, List of Exempt Emissions Units and/or Activities, is a part of this permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]

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

- a. Chemical or water application to unpaved roads and yard areas;
- b. Paving and maintenance of roads, parking areas and yards;
- c. Landscaping or planting of vegetation;
- d. Confining abrasive blasting where possible; and
- e. Other techniques, as necessary;

[Rule 62-296.320(4)(c)2., F.A.C.; Proposed by applicant in the initial Title V permit application received June 15, 1996]

8. The permittee shall submit all compliance related notifications and reports required to the Hillsborough County Environmental Protection Commission, Air Management Division, 1900 Ninth Avenue, Tampa, Florida, 33605.

III. Emissions Units and Conditions

<u>E.U.</u>	
<u>ID No.</u>	<u>Brief Description/Maximum Heat Input</u>
-001	Boiler #1 298 MMBtu/hr
-002	Boiler #2 298 MMBtu/hr
-003	Boiler #3 411 MMBtu/hr
-004	Boiler #4 411 MMBtu/hr
-005	Boiler #5 610 MMBtu/hr
-006	Boiler #6 778 MMBtu/hr

Hookers Point Station has six boilers, and all are fired using No. 6 fuel oil. Boiler numbers 1, 4, and 5 utilize No. 2 fuel oil for ignition during startup. Propane is used for ignition during startup for Boiler number 6. The total generating capacity at this facility is 227 megawatts.

Steam produced by Boiler numbers 1 through 5 is ducted to a common steam header, which feeds four steam-turbine generators. Steam produced by Boiler number 6 is routed to its own steam-turbine generator. Boiler numbers 1, 2, and 5 exhaust through stack #1. Boilers 3 and 4 exhaust through boiler number 2 stack, while Boiler number 6 exhausts through its own stack (stack #3). These boilers were brought into service in the late 1940's and throughout the 1950's.

The boilers have no add-on pollution control equipment. Air pollutant emissions are controlled by efficient combustion and firing clean fuel.

{Permitting Note: These emission units are regulated under Acid Rain Phase II, and Rule 62-296.405, F.A.C., Fossil Fuel Steam Generators with More than 250 Million Btu per Hour Heat Input, and Rule 62-296.702, F.A.C., Fossil Fuel Steam Generators.}

The following specific conditions apply to each of the six boilers as referenced above:

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. For each emissions unit, the maximum heat input (MMBtu per hour heat input) firing No. 6 fuel oil shall not exceed:

Boiler #1: 298 MMBtu/hr
Boiler #2: 298 MMBtu/hr
Boiler #3: 411 MMBtu/hr
Boiler #4: 411 MMBtu/hr
Boiler #5: 610 MMBtu/hr
Boiler #6: 778 MMBtu/hr

[Rules 62-4.160(2), 62-210.200(PTE) and 62-296.405, F.A.C.; AO29-202997 through AO29-203002]

A.2. Emissions Unit Operating Rate Limitation After Testing. See specific condition A.21.
[Rule 62-297.310(2), F.A.C.]

A.3. Methods of Operation. Fuels.

- a. Startup: The only fuels allowed to be burned are No. 2 fuel oil or propane.
- b. Normal: The only fuel allowed to be burned is No. 6 fuel oil.

[Rule 62-213.410, F.A.C.]

A.4. Hours of Operation. This emissions unit may operate continuously, i.e., 8,760 hours/year.
[Rule 62-210.200(PTE), F.A.C.,]

Emission Limitations and Standards

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

A.5. Visible Emissions. Visible emissions shall not exceed 20 percent opacity, except for one two-minute period per hour during which opacity shall not exceed 40 percent. Emissions units governed by this visible emissions limit shall compliance test for particulate matter emissions annually and as otherwise required by Chapter 62-297, F.A.C.

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

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

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

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

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

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

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

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

A.9. Sulfur Dioxide. When burning liquid fuel, sulfur dioxide emissions shall not exceed 1.1 pounds per million Btu heat input, as measured by applicable compliance methods. Any calculations used to demonstrate compliance shall be based solely on the Btu value and the percent sulfur of the liquid fuel being burned.
[Rules 62-213.440 and 62-296.405(1)(d)1, F.A.C.]

Excess Emissions

A.10. Excess emissions resulting from malfunction shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration.
[Rule 62-210.700(1), F.A.C.]

A.11. Excess emissions resulting from startup or shutdown shall be permitted provided that best operational practices to minimize emissions are adhered to and the duration of excess emissions shall be minimized.
[Rule 62-210.700(2), F.A.C.]

A.12. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.
[Rule 62-210.700(4), F.A.C.]

Monitoring of Operations

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

A.13. Sulfur Dioxide. The permittee elected to demonstrate compliance using fuel sampling and analysis. This protocol is allowed because the emissions unit does not have an operating flue gas desulfurization device. See specific conditions A.18. and A.19.
[Rule 62-296.405(1)(f)1.b., F.A.C.]

A.14. Determination of Process Variables.

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

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

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

Test Methods and Procedures

A.15. Visible emissions. The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C. A transmissometer may be used and calibrated according to Rule 62-297.520, F.A.C. See specific condition A.16.

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

A.16. DEP Method 9. The provisions of EPA Method 9 (40 CFR 60, Appendix A) are adopted by reference with the following exceptions:

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

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

[Rule 62-297.401, F.A.C.]

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

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

A.18. Sulfur Dioxide. The test methods for sulfur dioxide emissions shall be EPA Methods 6, 6A, 6B, or 6C, incorporated by reference in Chapter 62-297, F.A.C. Fuel sampling and analysis may be used as an alternate sampling procedure if such a procedure is incorporated into the operation permit for the emissions unit. If the emissions unit obtains an alternate procedure under the provisions of Rule 62-297.620, F.A.C., the procedure shall become a condition of the emissions unit's permit. The Department will retain the authority to require EPA Method 6 or 6C if it has reason to believe that exceedences of the sulfur dioxide emissions limiting standard are occurring. Results of an approved fuel sampling and analysis program shall have the same effect as EPA Method 6 test results for purposes of demonstrating compliance or noncompliance with sulfur dioxide standards. **The permittee may use the EPA test methods, referenced above, to demonstrate compliance; however, as an alternate sampling procedure authorized by permit, the permittee elected to demonstrate compliance using fuel sampling and analysis.** See specific condition A.19.

[Rules 62-213.440, 62-296.405(1)(e)3. and 62-297.401, F.A.C.; and, AO29-202997 through A029-3002.]

A.19. The following fuel sampling and analysis program shall be used as an alternate sampling procedure authorized by permit to demonstrate compliance with the sulfur dioxide standard:

- a. Determine and record the as-fired fuel sulfur content, percent by weight, for liquid fuels using either ASTM D2622-92, ASTM D4294-90, or both ASTM D4057-88 and ASTM D129-91 to analyze a representative sample of the blended fuel following each fuel delivery.
- b. Record daily the amount of each fuel fired, the density of each fuel, and the percent sulfur content by weight of each fuel.
- c. Utilize the information in a. and b., above, to calculate the SO₂ emission rate to ensure compliance at all times.

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

A.20. Required Number of Test Runs. For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five day

period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.

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

A.21. Operating Rate During Testing. Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

A.22. Calculation of Emission Rate. The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the separate test runs unless otherwise specified in a particular test method or applicable rule.

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

A.23. Applicable Test Procedures.

(a) Required Sampling Time.

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.

2. **Opacity Compliance Tests.** When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

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

TABLE 297.310-1
CALIBRATION SCHEDULE

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

- (c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.
- (d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1.
- (e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube. [Rule 62-297.310(4), F.A.C.]

A.24. Required Stack Sampling Facilities. When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.
[Rule 62-297.310(6), F.A.C.]

A.25. Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

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

5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid fuel, other than during startup, for a total of more than 400 hours.
9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.
10. An annual compliance test conducted for visible emissions shall not be required for units exempted from permitting at Rule 62-210.300(3)(a), F.A.C., or units permitted under the General Permit provisions at Rule 62-210.300(4), F.A.C.
- (b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.
- (c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.
[Rule 62-297.310(7), F.A.C.]

A.26. Annual emissions compliance testing for visible emissions is not required for these emissions units while burning only liquid fuels for less than 400 hours per year.
[Rule 62-297.310(7)(a)4., F.A.C.]

A.27. Annual and permit renewal compliance testing for particulate matter emissions is not required for these emissions units while burning only liquid fuels for less than 400 hours per year.
[Rules 62-297.310(7)(a)3. & 5., F.A.C.]

Record keeping and Reporting Requirements

A.28. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department or the Hillsborough County Environmental Protection Commission in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report; if requested by the Department or the Hillsborough County Environmental Protection Commission.
[Rule 62-210.700(6), F.A.C.]

A.29. Submit to the Department or the Hillsborough County Environmental Protection Commission a written report of emissions in excess of emission limiting standards as set forth in Rule 62-296.405(1), F.A.C., for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

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

A.30. Test Reports.

(a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department or the Hillsborough County Environmental Protection Commission on the results of each such test.

(b) The required test report shall be filed with the Department or the Hillsborough County Environmental Protection Commission as soon as practical but no later than 45 days after the last sampling run of each test is completed.

(c) The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department or the Hillsborough County Environmental Protection Commission to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:

1. The type, location, and designation of the emissions unit tested.
2. The facility at which the emissions unit is located.
3. The owner or operator of the emissions unit.
4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.
11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.

16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

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

A.31. Operation and Maintenance Plan. The permittee shall comply with the requirements contained in Appendix OM-1, Operation and Maintenance Plan, which is a part of this permit.
[Rule 62-296.700(6), F.A.C.]

IV. This section is the Acid Rain Part

Operated by: Tampa Electric Company
ORIS Code: 647

A. Acid Rain Part - Phase II

{Permit note: The Phase II permit is issued by FDEP.}

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

E.U.

<u>ID No.</u>	<u>Brief Description/Maximum Heat Input</u>
001	Boiler #1 298 MMBtu/hr
002	Boiler #2 298 MMBtu/hr
003	Boiler #3 411 MMBtu/hr
004	Boiler #4 411 MMBtu/hr
005	Boiler #5 610 MMBtu/hr
006	Boiler #6 778 MMBtu/hr

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

a. DEP Form No. 62-210.900(1)(a), dated July 1, 1995.

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

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

E.U. ID No.	EPA ID	Year	2000	2001	2002
-001	HB01	SO2 allowances, under Table 2, 3, or 4 of 40 CFR 73	177*	177*	177*
		NOx limit	**	**	**
-002	HB02	SO2 allowances, under Table 2, 3, or 4 of 40 CFR 73	202*	202*	202*
		NOx limit	**	**	**
-003	HB03	SO2 allowances, under Table 2, 3, or 4 of 40 CFR 73	461*	461*	461*
		NOx limit	**	**	**
-004	HB04	SO2 allowances, under Table 2, 3, or 4 of 40 CFR 73	692*	692*	692*
		NOx limit	**	**	**
-005	HB05	SO2 allowances, under Table 2, 3, or 4 of 40 CFR 73	1234*	1234*	1234*
		NOx limit	**	**	**
-006	HB06	SO2 allowances, under Table 2, 3, or 4 of 40 CFR 73	472*	472*	472*
		NOx limit	**	**	**

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

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

B. Acid Rain Part - Phase I

{Permit note: The USEPA issues Acid Rain Phase I permits}

The emissions units listed below are substitution units regulated under Acid Rain Part, Phase I, for Tampa Electric Company, Big Bend Station, Facility ID No. 0570039, ORIS code: 0695.

<u>EPA ID</u>	<u>Brief Description/Maximum Heat Input</u>
BB01	Coal-fired boiler #1 4037 MMBtu/hr
BB02	Coal-fired boiler #2 3996 MMBtu/hr
BB03	Coal-fired boiler #3 4115 MMBtu/hr

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

B.1. The Phase I permits are a part of this permit. The permittees must comply with the standard requirements and special provisions set forth in the permits listed below:

- a. Phase I permit dated July 15, 1994.
[Chapter 62-213, F.A.C.]

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

Tampa Electric Company
Hookers Point Station

DRAFT Permit No.: 0570038-001-AV
Facility ID No.: 0570038

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

Brief Description of Emissions Units and/or Activities

1. Brazing, soldering & welding.
2. Emergency generators.
3. Heating units.
4. Storage tanks.
5. Laboratory equipment used for chemical or physical analyses.
6. Fire safety equipment.
7. Turbine vapor extractor.

[electronic file name: 0570038e.doc]

APPENDIX OM-1

OPERATION & MAINTENANCE PLAN

Emissions Unit 1

- A. Process System Performance Parameters:
- 1) Source Designator: Hooker's Point Boiler Number 1
 - 2) Design Fuel Consumption Rate: 43 barrels per hour
 - 3) Steam Flow: 220,000 pounds per hour
 - 4) Operating Temperature: 900° F.
 - 5) Operating Pressure: 960 psi
- B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow

Steam Temperature

Steam Pressure

Excess Air

Daily

Check visible emissions.

Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.

Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

Emissions Unit 2

- A. Process System Performance Parameters:
- 1) Source Designator: Hooker's Point Boiler Number 2
 - 2) Design Fuel Consumption Rate: 43 barrels per hour
 - 3) Steam Flow: 220,000 pounds per hour
 - 4) Operating Temperature: 900° F.
 - 5) Operating Pressure: 960 psi
- B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow

Steam Temperature

Steam Pressure

Excess Air

Daily

Check visible emissions.

Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.

Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

Emissions Unit 3

- A. Process System Performance Parameters:
- 1) Source Designator: Hooker's Point Boiler Number 3
 - 2) Design Fuel Consumption Rate: 59.4 barrels per hour
 - 3) Steam Flow: 303,000 pounds per hour
 - 4) Operating Temperature: 900° F.
 - 5) Operating Pressure: 960 psi
- B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow

Steam Temperature

Steam Pressure

Excess Air

Daily

Check visible emissions.

Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.

Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

Emissions Unit 4

- A. Process System Performance Parameters:
- 1) Source Designator: Hooker's Point Boiler Number 4
 - 2) Design Fuel Consumption Rate: 59.4 barrels per hour
 - 3) Steam Flow: 303,000 pounds per hour
 - 4) Operating Temperature: 900° F.
 - 5) Operating Pressure: 960 psi
- B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow

Steam Temperature

Steam Pressure

Excess Air

Daily

Check visible emissions.

Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.

Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

Emissions Unit 5

A. Process System Performance Parameters:

- 1) Source Designator: Hooker's Point Boiler Number 5
- 2) Design Fuel Consumption Rate: 86.2 barrels per hour
- 3) Steam Flow: 440,000 pounds per hour
- 4) Operating Temperature: 900° F.
- 5) Operating Pressure: 975 psi

B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow

Steam Temperature

Steam Pressure

Excess Air

Daily

Check visible emissions.

Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.

Inspect burner tips and replace as necessary.

C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

Emissions Unit 6

- A. Process System Performance Parameters:
- 1) Source Designator: Hooker's Point Boiler Number 6
 - 2) Design Fuel Consumption Rate: 126 barrels per hour
 - 3) Steam Flow: 625,000 pounds per hour
 - 4) Operating Temperature: 950° F.
 - 5) Operating Pressure: 1450 psi
- B. The following observations, checks, and operations apply to this source while in operation and shall be conducted on the schedule specified:

Continuously Monitored and Recorded

Steam Flow

Steam Temperature

Steam Pressure

Excess Air

Daily

Check visible emissions.

Maintain optimum flame pattern for efficient fuel combustion.

Monthly

Monitor and back calculate station fuel input rate.

Fuel Oil Analyses

Sample all fuel oil cargos for composite analysis.

During major Outages

Inspect boiler, controls, auxiliaries, and ductwork and repair as necessary.

Prior to Startup

Inspect burners and clean as necessary.

Inspect burner tips and replace as necessary.

- C. Records of inspection, maintenance, and performance parameters shall be retained for a minimum of two years and shall be made available to the Department or the Environmental Protection Commission of Hillsborough County upon request.

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

Tampa Electric Company
Hookers Point

DRAFT Permit #: 0570038-001-AV

Facility ID #: 0570038

This table summarizes information for convenience purposes only, & does not supersede any terms or conditions of this permit.

E.U. -001 20 MW 298 MMBtu/hour Boiler # 1

Pollutant/Parameter	Fuel	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citations	See Permit Condition
			Standard(s)	lbs/hour	TPY	lbs./hour	TPY		
SO2	#6 oil	8760	1.1 lbs./MMBtu			327.8	1435.8	Rule 62-296.405(1)(d)1	III. A.9
PM	#6 oil		0.1 lbs/MMBtu 0.3 lbs/MMBtu for 3hr. per 24 hours (sootblowing)			37.3	163.2**	Rule 62-296.405(1)(b) Rule 62-210.700(3)	III. A.7 III. A.8
VE	#6 oil		20%; 40%@ 2min/hr. 60% for 3hr./24 hours (sootblowing)				n/a	Rule 62-296.405(1)(a) Rule 62-296.700(3)	III. A.5 III. A.6

Notes: ** -- Annual emissions (TPY) based on 3 hours per day at 0.3 lb/mmBtu and 21 hours per day at 0.1lb/MMBtu.
 * -- Equivalent Emissions provided for information only.

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

Tampa Electric Company
Hookers Point

DRAFT Permit #: 0570038-001-AV
Facility ID #: 0570038

This table summarizes information for convenience purposes only, & does not supersede any terms or conditions of this permit.

E.U. -002 20 MW 298 MMBtu/hour Boiler # 2

Pollutant/Parameter	Fuel	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citations	See Permit Condition
			Standard(s)	lbs/hour	TPY	lbs./hour	TPY		
SO2	#6 oil	8760	1.1 lbs./MMBtu			327.8	1435.8	Rule 62-296.405(1)(d)1	III. A.9
PM	#6 oil		0.1 lbs/MMBtu 0.3 lbs/MMBtu for 3hr. per 24 hours (sootblowing)			37.3	163.2**	Rule 62-296.405(1)(b) Rule 62-210.700(3)	III. A.7 III. A.8
VE	#6 oil		20%; 40% @ 2min/hr. 60% for 3hr./24 hours (sootblowing)				n/a	Rule 62-296.405(1)(a) Rule 62-296.700(3)	III. A.5 III. A.6

Notes: ** -- Annual emissions (TPY) based on 3 hours per day at 0.3 lb/mmBtu and 21 hours per day at 0.1lb/MMBtu.
 * -- Equivalent Emissions provided for information only.

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

Tampa Electric Company
Hookers Point

DRAFT Permit #: 0570038-AV
Facility ID #: 0570038

This table summarizes information for convenience purposes only, & does not supersede any terms or conditions of this permit.

E.U. -003 35 MW 411 MMBtu/hour Boiler # 3

Pollutant/Parameter	Fuel	Hours/Year	Allowable Emissions			Equivalent Emissions *		Regulatory Citations	See Permit Condition
			Standard(s)	lbs/hour	TPY	lbs./hour	TPY		
SO2	#6 oil	8760	1.1 lbs./MMBtu			452.1	1980.2	Rule 62-296.405(1)(d)1	III. A.9
PM	#6 oil		0.1 lbs/MMBtu 0.3 lbs/MMBtu for 3hr. per 24 hours (sootblowing)			51.4	225 **	Rule 62-296.405(1)(b) Rule 62-210.700(3)	III. A.7 III. A.8
VE	#6 oil		20%; 40% @ 2min/hr. 60% for 3hr./24 hours (sootblowing)				n/a	Rule 62-296.405(1)(a) Rule 62-296.700(3)	III. A.5 III. A.6
Notes: ** -- Annual emissions (TPY) based on 3 hours per day at 0.3 lb/MMBtu and 21 hours per day at 0.1lb/MMBtu. * -- Equivalent Emissions provided for information only.									

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

Tampa Electric Company
Hookers Point

DRAFT Permit #: 0570038-AV
Facility ID #: 0570038

This table summarizes information for convenience purposes only, & does not supersede any terms or conditions of this permit.

E.U. -004 35 MW 411 MMBtu/hour Boiler # 4

Pollutant/Parameter	Fuel	Hours/Year	Allowable Emissions			Equivalent Emissions *		Regulatory Citations	See Permit Condition
			Standard(s)	lbs/hour	TPY	lbs./hour	TPY		
SO ₂	#6 oil	8760	1.1lbs./MMBtu			452.1	1980.2	Rule 62-296.405(1)(d)1	III. A.9
PM	#6 oil		0.1 lbs/MMBtu 0.3 lbs/MMBtu for 3hr. per 24 hours (sootblowing)			51.4	225**	Rule 62-296.405(1)(b) Rule 62-210.700(3)	III. A.7 III. A.8
VE	#6 oil		20%; 40% @ 2min/hr. 60% for 3hr./24 hours (sootblowing)				n/a	Rule 62-296.405(1)(a) Rule 62-296.700(3)	III. A.5 III. A.6
Notes: ** -- Annual emissions (TPY) based on 3 hours per day at 0.3 lb/mmBtu and 21 hours per day at 0.1lb/MMBtu. * -- Equivalent Emissions provided for information only.									

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

Tampa Electric Company
Hookers Point

DRAFT Permit #: 0570038-001-AV
Facility ID #: 0570038

This table summarizes information for convenience purposes only, & does not supersede any terms or conditions of this permit.

E.U. -005 45 MW 610 MMBtu/Hour Boiler # 5

Pollutant/Parameter	Fuel	Hours/Year	Allowable Emissions			Equivalent Emissions*		Regulatory Citations	See Permit Condition
			Standard(s)	lbs/hour	TPY	lbs./hour	TPY		
SO ₂	#6 oil	8760	1.1 lbs./MMBtu			671	2939	Rule 62-296.405(1)(d)1	III. A.9
PM	#6 oil		0.1 lbs/MMBtu 0.3 lbs/MMBtu for 3hr. per 24 hours (sootblowing)			76.3	334**	Rule 62-296.405(1)(b) Rule 62-210.700(3)	III. A.7 III. A.8
VE	#6 oil		20%; 40%@ 2min/hr. 60% for 3hr./24 hours (sootblowing)				n/a	Rule 62-296.405(1)(a) Rule 62-296.700(3)	III. A.5 III. A.6
Notes: ** -- Annual emissions (TPY) based on 3 hours per day at 0.3 lb/mmBtu and 21 hours per day at 0.1lb/MMBtu. * -- Equivalent Emissions provided for information only.									

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

Tampa Electric Company
Hookers Point

DRAFT Permit #: 0570038-001-AV

Facility ID #: 0570038

This table summarizes information for convenience purposes only, & does not supersede any terms or conditions of this permit.

E.U. -006 72 MW 778 MMBtu/hour Boiler # 6

Pollutant/Parameter	Fuel	Hours/Year	Allowable Emissions			Equivalent Emissions *		Regulatory Citations	See Permit Condition
			Standard(s)	lbs/hour	TPY	lbs./hour	TPY		
SO ₂	#6 oil	8760	1.1 lbs./MMBtu			855.8	3748.4	Rule 62-296.405(1)(d)1	III. A.9
PM	#6 oil		0.1 lbs/MMBtu 0.3 lbs/MMBtu for 3hr. per 24 hours (sootblowing)			97.3	426**	Rule 62-296.405(1)(b) Rule 62-210.700(3)	III. A.7 III. A.8
VE	#6 oil		20%; 40%@ 2min/hr. 60% for 3hr./24 hours (sootblowing)				n/a	Rule 62-296.405(1)(a) Rule 62-296.700(3)	III. A.5 III. A.6

Notes: ** -- Annual emissions (TPY) based on 3 hours per day at 0.3 lb/mmBtu and 21 hours per day at 0.1lb/MMBtu.

 * -- Equivalent Emissions provided for information only.

Table 2-1, Summary of Compliance Requirements

Tampa Electric Company
Hookers Point

DRAFT Permit No.: 0570038-001-AV
Facility ID No.: 0570038

Boiler Numbers 1- 6

This table summarizes information for convenience purposes only & does not supersede any of the terms or conditions of this permit

Pollutant/ Parameter	Fuel	Compliance Method	Frequency of Sampling	Frequency Base Date *	Min. Compliance Test Duration	CMS**	Permit Condition
SO2	#6 oil	Fuel sampling & analysis	After each fuel oil shipment	not applicable	not applicable		III. A.13, 18, 19
PM	#6 oil	EPA Method 5 or 17***	annual	10-May	3 hour		III. A.17
VE	#6 oil	DEP Method 9	annual	10-May	1 hour		III. A.15

Notes:

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

**CMS = continuous monitoring system

***EPA Method 17 may be used only if the stack gas exit temperature is less than 375 degrees F.

Phase II Permit Application

Page 1

For more information, see instructions and refer to 40 CFR 72.30 and 72.31 and Chapter 62-214, F.A.C.

This submission is: ☒ New ☐ Revised**STEP 1**

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

Plant Name	Hookers Point	FL State	647 ORIS Code
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Compliance Plan

STEP 2

Enter the boiler ID# from NADB for each affected unit, and indicate whether a repowering plan is being submitted for the unit by entering "yes" or "no" at column c. For new units, enter the requested information in columns d and e

a Boiler ID#	b Unit Will Hold Allowances in Accordance with 40 CFR 72.9(c)(1)	c Repowering Plan	d New Units Commence Operation Date	e New Units Monitor Certification Deadline
HB01	Yes	No		
HP02	Yes	No		
HB03	Yes	No		
HB04	Yes	No		
HB05	Yes	No		
HB06	Yes	No		
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			
	Yes			

STEP 3

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

☐For each unit that will be repowered, the Repowering Extension Plan form is included and the Repowering Technology Petition form has been submitted or will be submitted by June 1, 1997.

STEP 4

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

Standard RequirementsPermit Requirements.

- (1) The designated representative of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Submit a complete Acid Rain part application (including a compliance plan) under 40 CFR part 72, Rules 62-214.320 and 330, F.A.C. in accordance with the deadlines specified in Rule 62-214.320, F.A.C.; and
 - (ii) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain part application and issue or deny an Acid Rain permit;
- (2) The owners and operators of each Acid Rain source and each Acid Rain unit at the source shall:
 - (i) Operate the unit in compliance with a complete Acid Rain part application or a superseding Acid Rain part issued by the permitting authority; and
 - (ii) Have an Acid Rain Part.

Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each Acid Rain source and each Acid Rain unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75, and Rule 62-214.420, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each Acid Rain unit at the source shall:
 - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An Acid Rain unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
 - (i) Starting January 1, 2000, an Acid Rain unit under 40 CFR 72.6(a)(2); or
 - (ii) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an Acid Rain unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1)(i) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each Acid Rain unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (1) The designated representative of an Acid Rain unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (2) The owners and operators of an Acid Rain unit that has excess emissions in any calendar year shall:
 - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each Acid Rain unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority:
 - (i) The certificate of representation for the designated representative for the source and each Acid Rain unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with Rule 62-214.350, F.A.C.; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
 - (ii) All emissions monitoring information, in accordance with 40 CFR part 75;
 - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and,

Plant Name (from Step 1)

Recordkeeping and Reporting Requirements (cont.)

(iv) Copies of all documents used to complete an Acid Rain part application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.

(2) The designated representative of an Acid Rain source and each Acid Rain unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each Acid Rain source and each Acid Rain unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an Acid Rain source (including a provision applicable to the designated representative of an Acid Rain source) shall also apply to the owners and operators of such source and of the Acid Rain units at the source.
- (6) Any provision of the Acid Rain Program that applies to an Acid Rain unit (including a provision applicable to the designated representative of an Acid Rain unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one Acid Rain unit shall not be liable for any violation by any other Acid Rain unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (7) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78 by an Acid Rain source or Acid Rain unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain part application, an Acid Rain part, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
- (2) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;
- (3) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law;
- (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
- (5) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name Hugh W. Smith	
Signature <i>Hugh W. Smith</i>	Date 12/19/95



Certificate of Representation

Page 1

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

Barbara Bootwell

This submission is: ☐ New ☒ Revised

STEP 1

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

Plant Name	HOOKERS POINT	State	FL	ORIS Code	647
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STEP 2

Enter requested
information for the
designated
representative

Name	Hugh W. Smith	637
Address	Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111	
Phone Number	(813) 228-1645	Fax Number (813) 228-4881

STEP 3

Enter requested
information for the
alternate designated
representative
(optional)

Name	William N. Cantrell	
Address	Tampa Electric Company P.O. Box 111 Tampa, FL 33601-0111	
Phone Number	(813) 228-4332	Fax Number (813) 228-4881

STEP 4

Complete Step 5, read
the certifications and
sign and date

Date	4/10/95
Log #	910
Clerk 1	PS
Date	4/12/95
Clerk 2	SC
Date	4/17/95
Trans. #	
Note:	
Log Clerk	SC

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) HOOKERS POINT

Page 1 of 1

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Signature (designated representative) <i>Hugh W. Smith</i>	Date <i>4-3-95</i>
Signature (alternate) <i>WN Contino</i>	Date <i>4/3/95</i>

STEP 5

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

Name Tampa Electric Company						<input checked="" type="checkbox"/> Owner	<input checked="" type="checkbox"/> Operator
ID# HB01	ID# HB02	ID# HB03	ID# HB04	ID# HB05	ID# HB06	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							

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							



December 19, 1995

Mr. John C. Brown (MS5505)
Florida Department of Environmental Protection
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Certified Mail No. P 278 134 920
Return Receipt Requested

RECEIVED
DEC 26 1995
BUREAU OF
AIR REGULATION

**Re: Florida Acid Rain Program
Phase II Permit Applications
for Tampa Electric Company (TEC)
Big Bend, F.J. Gannon
and Hookers Point Stations**

Dear Mr. Brown:

Enclosed with this letter are four (4) copies of the Phase II Permit Applications for the following TEC units:

Big Bend Station Boiler ID#s: BB01
BB02
BB03
BB04

F.J. Gannon Station Boiler ID#s: GB01
GB02
GB03
GB04
GB05
GB06

Hooker's Point Station Boiler ID#s: HB01
HB02
HB03
HB04
HB05
HB06

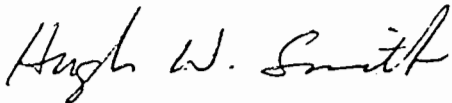
These applications are being submitted per the requirements of the Acid Rain Program (40 CFR 72.30 - 72.31 and Rule 62-214.320, F.A.C.).

Mr. John C. Brown
December 19, 1995
Page 2 of 2

Should you have any questions or concerns regarding this matter, please contact Philip Matonte or me at 813/228-4835.

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which this 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.

Sincerely,



H.W. Smith
Designated Representative
Acid Rain Program

EP/gm/PJM014

Enclosure

c: Brian Beals, EPA
Scott Davis, EPA Region IV
Iwan Choronenko, EPCHC



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

PHASE I ACID RAIN PERMIT

Issued to: Tampa Electric Corporation-Hookers Point
Operated by: Tampa Electric Corporation
Effective: January 1, 1995 to December 31, 1999

Summary of Previous Actions

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

1. Draft permit, including SO₂ compliance plan,
issued for public comment. July 16, 1993
(See page 1)

Present Action

2. SO₂ portion of permit issued as direct final permit, which will
be final 40 days after notice in the Federal Register, unless
adverse public comment is received within 30 days after publication.

Winston A. Smith 7-15-94
Signature Date

Winston A. Smith
Director, Air, Pesticides and Toxics Management Division
U.S. Environmental Protection Agency, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365
Telephone: (404) 347-3043 Facsimile: (404) 347-5207



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION IV

345 COURTLAND STREET, N.E.
ATLANTA, GEORGIA 30365

PHASE I ACID RAIN PERMIT

Issued to: Tampa Electric Corporation-Hookers Point
Operated by: Tampa Electric Corporation
Effective: January 1, 1995 to December 31, 1999

The Acid Rain Permit comprises the following:

1. The statement of basis prepared by EPA containing:

Part A, with references to statutory and regulatory authorities, and comments, notes and justifications that apply to the source in general; and

Part B, for each unit at this source:

- a table of SO₂ allowances to be allocated under this permit during Phase I, and
- comments, notes and justifications regarding permit decisions and changes made to the permit application during the review process, and any additional requirements.

2. The permit application that this source submitted, as corrected by EPA. The owners and operators of the source must comply with the standard requirements and special provisions set forth in the application.

Statement of Basis. Part A

Page 2

Plant Name: Hookers Point

State: Florida

ORIS Code: 0647

Statutory and Regulatory Authorities. In accordance with Title IV of the Clean Air Act Amendments of 1990, the U. S. Environmental Protection Agency issues this permit pursuant to 40 CFR part 72, subparts E and F.

Comments, notes and justifications that apply to the source in general:

Due to a typographical error on the Phase I Permit Application form, the reference on the Phase I Permit Application form at Step 2, "Hold allowances in accordance with 40 CFR 72.9(d)(1)," has been changed to "Hold allowances in accordance with 40 CFR 72.9(c)(1)."

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis

Signature

7/14/94

Date

Statement of Basis. Part B

Page 3

Plant Name: Hookers Point

State: Florida

ORIS Code: 0647

Boiler ID#: HB01

Phase I SO₂ Allowance Allocation

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

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

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

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

1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 27 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis

Signature

7/14/94

Date

Statement of Basis. Part B

Page 4

Plant Name: Hookers Point

State: Florida

ORIS Code: 0647

Boiler ID#: HB02

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	31*	31*	31*	31*	31*
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

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

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

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

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 3 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS

Permit Reviewer



Signature

7/14/94

Date

Statement of Basis. Part B

Page 5

Plant Name: Hookers Point

State: Florida

ORIS Code: 0647

Boiler ID#: HB03

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	92*	92*	92*	92*	92*
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

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

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

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

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 9 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis

Signature

7/14/94

Date

Statement of Basis. Part B

Page 6

Plant Name: Hookers Point

State: Florida

ORIS Code: 0647

Boiler ID#: HB04

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	145*	145*	145*	145*	145*
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

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

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

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

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 15 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis
Signature7/14/94
Date

Statement of Basis. Part B

Page 7

Plant Name: Hookers Point

State: Florida

ORIS Code: 0647

Boiler ID#: HB05

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	124*	124*	124*	124*	124*
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

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

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

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

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 13 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis
Signature

7/14/94
Date

Statement of Basis. Part B

Page 8

Plant Name: Hookers Point

State: Florida

ORIS Code: 0647

Boiler ID#: HB06

Phase I SO₂ Allowance Allocation

	1995	1996	1997	1998	1999
Table 1 40 CFR 73.10	N/A	N/A	N/A	N/A	N/A
Phase I Extension 40 CFR 72.42	N/A	N/A	N/A	N/A	N/A
Substitution 40 CFR 72.41	207*	207*	207*	207*	207*
Reduced Utilization 40 CFR 72.43	N/A	N/A	N/A	N/A	N/A

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

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

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

*1. EPA approves a conditional substitution plan for this unit for 1995-1999 in which it is designated as a substitution unit for Tampa Electric Company-Big Bend Unit BB01, Unit BB02, and Unit BB03, which are Phase I units. If this plan is activated, this substitution unit will receive the allowances indicated above and 13 additional ("excess") allowances. For each additional allowance, one allowance will be deducted from a future year subaccount in this unit's Allowance Tracking System account.

2. The value in step 3, column e, of the substitution plan for this unit reflects the lesser of (i) the unit's 1985 actual emission rate from NADB, (ii) the unit's 1985 allowable emission rate from NADB, (iii) the greater of the unit's 1989 or 1990 actual emissions rate, or (iv) the unit's most stringent federally enforceable or state enforceable emissions limitation for Phase I as of November 15, 1990. The value in step 4, column e, reflects any change in step 3.

R. SCOTT DAVIS

Permit Reviewer

R. Scott Davis
Signature7/14/94
Date



Phase I Permit Application

Page 1

RECEIVED
2-17-95

For more information, see instructions and refer to 40 CFR 72.30 and 72.31

This submission is: ☒ New ☐ Revised

Page 1 of 5

STEP 1

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

HOOKERS POINT	FLORIDA	647
Plant Name	State	ORIS Code

COMPLIANCE PLAN

STEP 2

Specify a compliance plan for this source by identifying each Table 1 and non-Table 1 unit at this source that is subject to Acid Rain Program emissions limitations during Phase I. Identify each unit by boiler ID# from NADB, and mark one or more boxes if you wish to identify additional methods of compliance for each unit

Table 1 Units

ID#

- ☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)
- ☐ Substitution plan (include Substitution Plan form)
- ☐ Reduced utilization plan (include Reduced Utilization Plan form)
- ☐ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
------------	-------

ID#

- ☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)
- ☐ Substitution plan (include Substitution Plan form)
- ☐ Reduced utilization plan (include Reduced Utilization Plan form)
- ☐ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
------------	-------

ID#

- ☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)
- ☐ Substitution plan (include Substitution Plan form)
- ☐ Reduced utilization plan (include Reduced Utilization Plan form)
- ☐ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
------------	-------

ID#

- ☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)
- ☐ Substitution plan (include Substitution Plan form)
- ☐ Reduced utilization plan (include Reduced Utilization Plan form)
- ☐ Phase I extension plan (if this unit is a control unit, include Phase I Extension Plan form. If this unit is a transfer unit for a control unit at another source, do not include form but identify the control unit's source by plant name and State below)

Plant Name	State
------------	-------

HOOKERS POINT

Plant Name (from Step 1)

Phase I Permit - Page 2

Page 2 of 5

Non-Table 1 Units

HB01 ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(c)(1)						
	<input type="checkbox"/> Control unit (include Phase I Extension Plan form)						
	<input checked="" type="checkbox"/> Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))						
<table border="1"> <tr> <td>BIG BEND</td> <td>FLORIDA</td> </tr> <tr> <td>Plant Name</td> <td>State</td> </tr> <tr> <td>Plant Name</td> <td>State</td> </tr> </table>		BIG BEND	FLORIDA	Plant Name	State	Plant Name	State
BIG BEND	FLORIDA						
Plant Name	State						
Plant Name	State						
<input type="checkbox"/> Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)							
<input type="checkbox"/> Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))							
<table border="1"> <tr> <td>Plant Name</td> <td>State</td> </tr> <tr> <td>Plant Name</td> <td>State</td> </tr> </table>		Plant Name	State	Plant Name	State		
Plant Name	State						
Plant Name	State						
HB02 ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(c)(1)						
	<input type="checkbox"/> Control unit (include Phase I Extension Plan form)						
	<input checked="" type="checkbox"/> Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))						
<table border="1"> <tr> <td>BIG BEND</td> <td>FLORIDA</td> </tr> <tr> <td>Plant Name</td> <td>State</td> </tr> <tr> <td>Plant Name</td> <td>State</td> </tr> </table>		BIG BEND	FLORIDA	Plant Name	State	Plant Name	State
BIG BEND	FLORIDA						
Plant Name	State						
Plant Name	State						
<input type="checkbox"/> Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)							
<input type="checkbox"/> Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))							
<table border="1"> <tr> <td>Plant Name</td> <td>State</td> </tr> <tr> <td>Plant Name</td> <td>State</td> </tr> </table>		Plant Name	State	Plant Name	State		
Plant Name	State						
Plant Name	State						
HB03 ID#	<input checked="" type="checkbox"/> Hold allowances in accordance with 40 CFR 72.9(c)(1)						
	<input type="checkbox"/> Control unit (include Phase I Extension Plan form)						
	<input checked="" type="checkbox"/> Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))						
<table border="1"> <tr> <td>BIG BEND</td> <td>FLORIDA</td> </tr> <tr> <td>Plant Name</td> <td>State</td> </tr> <tr> <td>Plant Name</td> <td>State</td> </tr> </table>		BIG BEND	FLORIDA	Plant Name	State	Plant Name	State
BIG BEND	FLORIDA						
Plant Name	State						
Plant Name	State						
<input type="checkbox"/> Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)							
<input type="checkbox"/> Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))							
<table border="1"> <tr> <td>Plant Name</td> <td>State</td> </tr> <tr> <td>Plant Name</td> <td>State</td> </tr> </table>		Plant Name	State	Plant Name	State		
Plant Name	State						
Plant Name	State						

HOOKERS POINT

Plant Name (from Step 1)

Phase I Permit - Page 3

Page 3 of 5

Non-Table 1 Units

HB04
ID#

- ☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)
☐ Control unit (include Phase I Extension Plan form)
☒ Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

BIG BEND	FLORIDA
Plant Name	State
Plant Name	State

- ☐ Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
☐ Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

HB05
ID#

- ☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)
☐ Control unit (include Phase I Extension Plan form)
☒ Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

BIG BEND	FLORIDA
Plant Name	State
Plant Name	State

- ☐ Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
☐ Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

HB06
ID#

- ☒ Hold allowances in accordance with 40 CFR 72.9(c)(1)
☐ Control unit (include Phase I Extension Plan form)
☒ Substitution unit (if this is a substitution unit for one or more Table 1 unit(s) at other source(s), enter plant name and State of other source(s))

BIG BEND	FLORIDA
Plant Name	State
Plant Name	State

- ☐ Reduced utilization plan; unit to be underutilized (include Reduced Utilization Plan form)
☐ Compensating unit (if this is a compensating unit for one or more units at other source(s), enter plant name and State of other source(s))

Plant Name	State
Plant Name	State

HOOKERS POINT

Phase I Permit - Page 4

Plant Name (from Step 1)

Standard Requirements

Permit Requirements.

- (i) The designated representative of each affected source and each affected unit at the source shall:
 - (a) Submit a complete Acid Rain permit application (including a compliance plan) under this part in accordance with the deadlines specified in 40 CFR 72.30;
 - (b) Submit in a timely manner a complete reduced utilization plan if required under 40 CFR 72.43; and
 - (c) Submit in a timely manner any supplemental information that the permitting authority determines is necessary in order to review an Acid Rain permit application and issue or deny an Acid Rain permit;
- (ii) The owners and operators of each affected source and each affected unit at the source shall:
 - (a) Operate the unit in compliance with a complete Acid Rain permit application or a superseding Acid Rain permit issued by the permitting authority; and
 - (b) Have an Acid Rain Permit.

Monitoring Requirements.

- (i) The owners and operators and, to the extent applicable, designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act.
- (ii) The emissions measurements recorded and reported in accordance with 40 CFR part 75 and section 407 of the Act and regulations implementing section 407 of the Act shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (iii) The requirements of 40 CFR part 75 and regulations implementing section 407 of the Act shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.

Sulfur Dioxide Requirements.

- (i) The owners and operators of each source and each affected unit at the source shall:
 - (a) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)) not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
 - (b) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (ii) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (iii) An affected unit shall be subject to the requirements under 40 CFR 72.5(c)(1) as follows:
 - (a) Starting January 1, 1995, an affected unit under 40 CFR 72.5(a)(1);
 - (b) Starting on or after January 1, 1995 in accordance with 40 CFR 72.41 and 72.43, an affected unit under 40 CFR 72.5(a)(2) or (3) that is a substitution or compensating unit;
 - (c) Starting January 1, 2000, an affected unit under 40 CFR 72.5(a)(2) that is not a substitution or compensating unit; or
 - (d) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR part 75, an affected unit under 40 CFR 72.5(a)(3) that is not a substitution or compensating unit.
- (iv) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (v) An allowance shall not be deducted, in order to comply with the requirements under 40 CFR 72.9(c)(1)(ii), prior to the calendar year for which the allowance was allocated.
- (vi) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain permit application, the Acid Rain permit, or the written exemption under 40 CFR 72.7 and 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (vii) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each affected unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (i) The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR part 77.
- (ii) The owners and operators of an affected unit that has excess emissions in any calendar year shall:
 - (a) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR part 77; and
 - (b) Comply with the terms of an approved offset plan, as required by 40 CFR part 77.

Recordkeeping and Reporting Requirements.

- (i) Unless otherwise provided, the owners and operators of the source and each affected unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the Administrator or permitting authority.
 - (a) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative.
 - (b) All emissions monitoring information, in accordance with 40 CFR part 75.
 - (c) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program.

HOOKERS POINT

Plant Name (from Step 1)

Recordkeeping and Reporting Requirements (cont.)

- (d) Copies of all documents used to complete an Acid Rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (iii) The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR part 72 subpart I and 40 CFR part 75.

Liability.

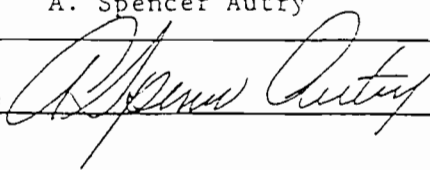
- (i) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (ii) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (iii) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (iv) Each affected source and each affected unit shall meet the requirements of the Acid Rain Program.
- (v) Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source.
- (vi) Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.41 (substitution plans), 40 CFR 72.42 (Phase I extension plans), 40 CFR 72.43 (reduced utilization plans), 40 CFR 72.44 (Phase II repowering extension plans), and section 407 of the Act and regulations implementing section 407 of the Act, and except with regard to the requirements applicable to units with a common stack under part 75 of this chapter (including sections 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (vii) Each violation of a provision of 40 CFR parts 72, 73, 75, 77, and 78, and regulations implementing sections 407 and 410 of the Act by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities. No provision of the Acid Rain Program, an Acid Rain permit application, an Acid Rain permit, or a written exemption under 40 CFR 72.7 or 72.8 shall be construed as:

- (i) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans.
- (ii) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act.
- (iii) Requiring a change of any kind in any State law regulating electric utility rates and charges, affecting any State law regarding such State regulation, or limiting such State regulation, including any prudence review requirements under such State law.
- (iv) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act.
- (v) Interfering with or impairing any program for competitive bidding for power supply in a State in which such program is established.

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	A. Spencer Autry	
Signature		Date 2/7/93

STEP 4 (optional)
Enter the source AIRS
and FINDS identification
numbers, if known

AIRS
FINDS



Substitution Plan

Page 1

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2-17-95

For more information, see instructions and refer to 40 CFR 72.41

This submission is: ☒ New ☐ Revised

Page 1 of 3

STEP 1

Identify each unit by plant name, State and boiler ID# from NADB. After the boiler ID# of each substitution unit, enter the letter(s) for the Table 1 unit(s) for which the unit is substituting (see instructions)

Table 1 Units

	Plant Name	State	Boiler ID#
a	BIG BEND	FLORIDA	BB01
b	BIG BEND	FLORIDA	BB02
c	BIG BEND	FLORIDA	BB03
d			

Substitution Units

	Plant Name	State	Boiler ID#	Table 1 Units
e	HOOKERS POINT	FLORIDA	HB01	a b c
f				
g				
h				
i				
j				

STEP 2

Enter baseline (see special instructions)

e	f	g	h	i	j
49,921					
mmBtu	mmBtu	mmBtu	mmBtu	mmBtu	mmBtu

STEP 3

Enter the lesser of the 1985 actual or allowable SO₂ emissions rate from NADB. Do not round

1.0654					
lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu

STEP 4

Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton

27					
tons	tons	tons	tons	tons	tons

STEP 5

Mark one of the two options and enter date, if applicable

- ☐ The effective date of this plan is January 1, 199 ☐
- ☒ This plan is for conditional approval. The designated representative will notify the Agency of activation not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

STEP 6

Mark one of the two options and enter date, if applicable

- ☐ The last date this plan will be in effect is December 31, 199 ☐ unless notification to terminate the plan prior to that date is given
- ☐ The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

Plant Name (see instructions)

BIG BEND

Substitution - Page 2

Page 2 of 3

STEP 7

Complete Step 8, if applicable, read the special provisions and certification, and print the name of the designated representative for each source identified in this plan. Each designated representative must sign and date

Special Provisions

Emissions Limitations.

- (i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.
- (ii) Each unit under 40 CFR 72.41(a)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

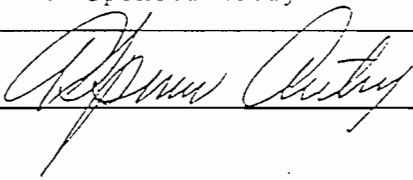
Liability. The owners and operators of a unit governed by an approved substitution plan shall be liable for any violation of the plan or 40 CFR 72.41 at that unit or any other unit that is the first unit's substitution unit or for which the first unit is a substitution unit under the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination.

- (i) A substitution plan shall be in effect only in Phase I for the calendar years specified in the plan or until the calendar year for which a termination of the plan takes effect, provided that no substitution plan shall be terminated, and no unit shall be de-designated as a substitution unit, before the end of Phase I if the substitution unit serves as a control unit under a Phase I extension plan.
- (ii) To terminate a substitution plan for a given calendar year prior to the last year for which the plan was approved:
- (a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and
- (b) In the notification to terminate, the designated representative of each unit governed by the plan shall state that he or she surrenders for deduction from the unit's Allowance Tracking System account allowances equal in number to, and with the same or an earlier compliance use date, as those allocated under 40 CFR 72.41(d)(1) for all calendar years for which the plan is to be terminated. The designated representative may identify the serial numbers of the allowances to be deducted. In the absence of such identification, allowances will be deducted on a first-in, first-out basis under 40 CFR 73.35(c)(2).
- (iii) If the requirements of 40 CFR 72.41(e)(2)(ii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(iii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.
- (iv) Change of owner or operator. If there is a change in the owners or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(e)(2)(ii).

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	A. Spencer Autry	
Signature		Date 2/7/93
Name		
Signature		Date
Name		
Signature		Date
Name		
Signature		Date

BIG BEND Plant Name (see instructions)

DISTRIBUTION OF SUBSTITUTION ALLOWANCES

STEP 8 (Optional)
 Add together all entries at Step 4 on page 1, including copies, if any, and enter total in Step 4 Total box.

Identify the column for each unit by entering the letter for that unit from Step 1.

Enter the number of substitution allowances from the Step 4 Total to be allocated to each Table 1 and substitution unit. For Table 1 units, indicate the substitution unit from which these allowances came by entering the letter of the substitution unit in the small corner box. If allowances for a single Table 1 unit come from more than one substitution unit, indicate the amount coming from each substitution unit in a separate box in that column.

Make entries for each year the plan will be in effect. Enter the total for each year, including entries from any copies.

STEP 4 TOTAL

allowances

	Table 1 Units		Substitution Units			
	<div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; display: inline-block;"></div>	
1995	allowances	allowances	allowances	allowances	allowances	1995 TOTAL allowances
	allowances	allowances				
	allowances	allowances				
1996	allowances	allowances	allowances	allowances	allowances	1996 TOTAL allowances
	allowances	allowances				
	allowances	allowances				
1997	allowances	allowances	allowances	allowances	allowances	1997 TOTAL allowances
	allowances	allowances				
	allowances	allowances				
1998	allowances	allowances	allowances	allowances	allowances	1998 TOTAL allowances
	allowances	allowances				
	allowances	allowances				
1999	allowances	allowances	allowances	allowances	allowances	1999 TOTAL allowances
	allowances	allowances				
	allowances	allowances				



Substitution Plan

Page 1

For more information, see instructions and refer to 40 CFR 72.41

This submission is: ☒ New ☐ Revised

Page 1 of 3

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STEP 1
Identify each unit by plant name, State and boiler ID# from NADB. After the boiler ID# of each substitution unit, enter the letter(s) for the Table 1 unit(s) for which the unit is substituting (see instructions)

Table 1 Units

	Plant Name	State	Boiler ID#
a	BIG BEND	FLORIDA	BB01
b	BIG BEND	FLORIDA	BB02
c	BIG BEND	FLORIDA	BB03
d			

Substitution Units

	Plant Name	State	Boiler ID#	Table 1 Units
e	HOOKERS POINT	FLORIDA	HB02	a b c
f				
g				
h				
i				
j				

STEP 2
Enter baseline (see special instructions)

e	f	g	h	i	j
62,970					
mmBtu	mmBtu	mmBtu	mmBtu	mmBtu	mmBtu

STEP 3
Enter the lesser of the 1985 actual or allowable SO₂ emissions rate from NADB. Do not round

1.0865					
lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu

STEP 4
Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton

34					
tons	tons	tons	tons	tons	tons

STEP 5
Mark one of the two options and enter date, if applicable

- ☐ The effective date of this plan is January 1, 199 ☐
- ☒ This plan is for conditional approval. The designated representative will notify the Agency of activation not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

STEP 6
Mark one of the two options and enter date, if applicable

- ☐ The last date this plan will be in effect is December 31, 199 ☐ unless notification to terminate the plan prior to that date is given
- ☐ The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

Plant Name (see instructions)

BIG BEND

Substitution - Page 2

Page 2 of 3

STEP 7

Complete Step 8, if applicable, read the special provisions and certification, and print the name of the designated representative or each source identified in his plan. Each designated representative must sign and date.

Special Provisions

Emissions Limitations.

- (i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.
- (ii) Each unit under 40 CFR 72.41(a)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

Liability. The owners and operators of a unit governed by an approved substitution plan shall be liable for any violation of the plan or 40 CFR 72.41 at that unit or any other unit that is the first unit's substitution unit or for which the first unit is a substitution unit under the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination.

- (i) A substitution plan shall be in effect only in Phase I for the calendar years specified in the plan or until the calendar year for which a termination of the plan takes effect, provided that no substitution plan shall be terminated, and no unit shall be de-designated as a substitution unit, before the end of Phase I if the substitution unit serves as a control unit under a Phase I extension plan.
- (ii) To terminate a substitution plan for a given calendar year prior to the last year for which the plan was approved:

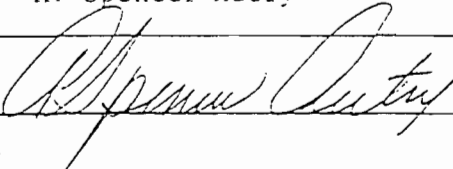
- (a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and
- (b) In the notification to terminate, the designated representative of each unit governed by the plan shall state that he or she surrenders for deduction from the unit's Allowance Tracking System account allowances equal in number to, and with the same or an earlier compliance use date, as those allocated under 40 CFR 72.41(d)(1) for all calendar years for which the plan is to be terminated. The designated representative may identify the serial numbers of the allowances to be deducted. In the absence of such identification, allowances will be deducted on a first-in, first-out basis under 40 CFR 72.35(c)(2).

(iii) If the requirements of 40 CFR 72.41(e)(2)(iii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.

(iv) Change of owner or operator. If there is a change in the owners or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(ii) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(e)(2)(iii).

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	A. Spencer Autry	
Signature		Date 2/7/93
Name		
Signature		Date
Name		
Signature		Date
Name		
Signature		Date

Plant Name (see instructions)

BIG BEND

Substitution - Page 3

Page 3 of 3

DISTRIBUTION OF SUBSTITUTION ALLOWANCES

STEP 8 (Optional)

Add together all entries at Step 4 on page 1, including copies, if any, and enter total in Step 4 Total box.

Identify the column for each unit by entering the letter for that unit from Step 1.

Enter the number of substitution allowances from the Step 4 Total to be allocated to each Table 1 and substitution unit. For Table 1 units, indicate the substitution unit from which these allowances came by entering the letter of the substitution unit in the small corner box. If allowances for a single Table 1 unit come from more than one substitution unit, indicate the amount coming from each substitution unit in a separate box in that column.

Make entries for each year the plan will be in effect. Enter the total for each year, including entries from any copies.

STEP 4 TOTAL

allowances

Table 1 Units

Substitution Units

1995

allowances	allowances	allowances	allowances	allowances
allowances	allowances			
allowances	allowances			

1995 TOTAL

allowances

1996

allowances	allowances	allowances	allowances	allowances
allowances	allowances			
allowances	allowances			

1996 TOTAL

allowances

1997

allowances	allowances	allowances	allowances	allowances
allowances	allowances			
allowances	allowances			

1997 TOTAL

allowances

1998

allowances	allowances	allowances	allowances	allowances
allowances	allowances			
allowances	allowances			

1998 TOTAL

allowances

1999

allowances	allowances	allowances	allowances	allowances
allowances	allowances			
allowances	allowances			

1999 TOTAL

allowances



Substitution Plan

Page 1

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2-17-95

For more information, see instructions and refer to 40 CFR 72.41

This submission is: ☒ New ☐ Revised

Page 1 of 3

STEP 1

Identify each unit by plant name, State and boiler ID# from NADB. After the boiler ID# of each substitution unit, enter the letter(s) for the Table 1 unit(s) for which the unit is substituting (see instructions)

Table 1 Units

	Plant Name	State	Boiler ID#
a	BIG BEND	FLORIDA	BB01
b	BIG BEND	FLORIDA	BB02
c	BIG BEND	FLORIDA	BB03
d			

Substitution Units

	Plant Name	State	Boiler ID#	Table 1 Units
e	HOOKEERS POINT	FLORIDA	HB03	a b c
f				
g				
h				
i				
j				

STEP 2

Enter baseline (see special instructions)

e	f	g	h	i	j
184,426 mmBtu					

STEP 3

Enter the lesser of the 1985 actual or allowable SO₂ emissions rate from NADB. Do not round

1.0986 lbs/mmBtu					
---------------------	--	--	--	--	--

STEP 4

Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton

101 tons					
-------------	--	--	--	--	--

STEP 5

Mark one of the two options and enter date, if applicable

- ☐ The effective date of this plan is January 1, 199 ☐
- ☒ This plan is for conditional approval. The designated representative will notify the Agency of activation not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

STEP 6

Mark one of the two options and enter date, if applicable

- ☐ The last date this plan will be in effect is December 31, 199 ☐ unless notification to terminate the plan prior to that date is given
- ☐ The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

BIG BEND
Plant Name (see instructions)

STEP 7

Complete Step 8, if applicable, read the special provisions and certification, and print the name of the designated representative for each source identified in this plan. Each designated representative must sign and date

Special Provisions

Emissions Limitations

- (i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.
- (ii) Each unit under 40 CFR 72.41(a)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

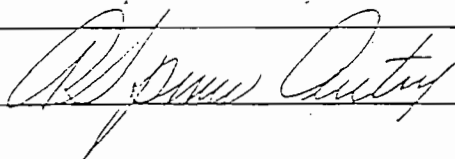
Liability. The owners and operators of a unit governed by an approved substitution plan shall be liable for any violation of the plan or 40 CFR 72.41 at that unit or any other unit that is the first unit's substitution unit or for which the first unit is a substitution unit under the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination

- (i) A substitution plan shall be in effect only in Phase I for the calendar years specified in the plan or until the calendar year for which a termination of the plan takes effect, provided that no substitution plan shall be terminated, and no unit shall be de-designated as a substitution unit, before the end of Phase I if the substitution unit serves as a control unit under a Phase I extension plan.
- (ii) To terminate a substitution plan for a given calendar year prior to the last year for which the plan was approved:
- (a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and
- (b) In the notification to terminate, the designated representative of each unit governed by the plan shall state that he or she surrenders for deduction from the unit's Allowance Tracking System account allowances equal in number to, and with the same or an earlier compliance use date, as those allocated under 40 CFR 72.41(d)(1) for all calendar years for which the plan is to be terminated. The designated representative may identify the serial numbers of the allowances to be deducted. In the absence of such identification, allowances will be deducted on a first-in, first-out basis under 40 CFR 73.35(c)(2).
- (iii) If the requirements of 40 CFR 72.41(e)(2)(iii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.
- (iv) Change of owner or operator. If there is a change in the owners or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(e)(2)(iii).

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	A. Spencer Autry	
Signature		Date 2/7/93
Name		
Signature		Date
Name		
Signature		Date
Name		
Signature		Date

Plant Name (see instructions)

BIG BEND

Substitution - Page 3

Page 3 of 3

DISTRIBUTION OF SUBSTITUTION ALLOWANCES

STEP 8 (Optional)
Add together all entries at Step 4 on page 1, including copies, if any, and enter total in Step 4 Total box.

Identify the column for each unit by entering the letter for that unit from Step 1.

Enter the number of substitution allowances from the Step 4 Total to be allocated to each Table 1 and substitution unit. For Table 1 units, indicate the substitution unit from which these allowances came by entering the letter of the substitution unit in the small corner box. If allowances for a single Table 1 unit come from more than one substitution unit, indicate the amount coming from each substitution unit in a separate box in that column.

Make entries for each year the plan will be in effect. Enter the total for each year, including entries from any copies.

STEP 4 TOTAL

allowances

Table 1 Units

Substitution Units

1995

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
allowances	allowances	allowances	allowances	allowances
<input type="text"/>	<input type="text"/>			
allowances	allowances			
<input type="text"/>	<input type="text"/>			
allowances	allowances			

1995 TOTAL

allowances

1996

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
allowances	allowances	allowances	allowances	allowances
<input type="text"/>	<input type="text"/>			
allowances	allowances			
<input type="text"/>	<input type="text"/>			
allowances	allowances			

1996 TOTAL

allowances

1997

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
allowances	allowances	allowances	allowances	allowances
<input type="text"/>	<input type="text"/>			
allowances	allowances			
<input type="text"/>	<input type="text"/>			
allowances	allowances			

1997 TOTAL

allowances

1998

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
allowances	allowances	allowances	allowances	allowances
<input type="text"/>	<input type="text"/>			
allowances	allowances			
<input type="text"/>	<input type="text"/>			
allowances	allowances			

1998 TOTAL

allowances

1999

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
allowances	allowances	allowances	allowances	allowances
<input type="text"/>	<input type="text"/>			
allowances	allowances			
<input type="text"/>	<input type="text"/>			
allowances	allowances			

1999 TOTAL

allowances



Substitution Plan

Page 1

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2-17-93

For more information, see instructions and refer to 40 CFR 72.41

This submission is: ☒ New ☐ Revised

Page 1 of 3

STEP 1

Identify each unit by plant name, State and boiler ID# from NADB. After the boiler ID# of each substitution unit, enter the letter(s) for the Table 1 unit(s) for which the unit is substituting (see instructions)

Table 1 Units

	Plant Name	State	Boiler ID#
a	BIG BEND	FLORIDA	BB01
b	BIG BEND	FLORIDA	BB02
c	BIG BEND	FLORIDA	BB03
d			

Substitution Units

	Plant Name	State	Boiler ID#	Table 1 Units
e	HOOKERS POINT	FLORIDA	HB04	a b c
f				
g				
h				
i				
j				

STEP 2

Enter baseline (see special instructions)

e	f	g	h	i	j
299,061					
mmBtu	mmBtu	mmBtu	mmBtu	mmBtu	mmBtu

STEP 3

Enter the lesser of the 1985 actual or allowable SO₂ emissions rate from NADB. Do not round

1.0676					
lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu

STEP 4

Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton

160					
tons	tons	tons	tons	tons	tons

STEP 5

Mark one of the two options and enter date, if applicable

- ☐ The effective date of this plan is January 1, 199 ☐
- ☒ This plan is for conditional approval. The designated representative will notify the Agency of activation not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

STEP 6

Mark one of the two options and enter date, if applicable

- ☐ The last date this plan will be in effect is December 31, 199 ☐ unless notification to terminate the plan prior to that date is given
- ☐ The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

Plant Name (see instructions)

BIG BEND

Substitution - Page 2

Page 2 of 3

STEP 7

Complete Step 8, if applicable, read the special provisions and certification, and print the name of the designated representative or each source identified in his plan. Each designated representative must sign and date

Special Provisions

Emissions Limitations.

(i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.

(ii) Each unit under 40 CFR 72.41(a)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

Liability. The owners and operators of a unit governed by an approved substitution plan shall be liable for any violation of the plan or 40 CFR 72.41 at that unit or any other unit that is the first unit's substitution unit or for which the first unit is a substitution unit under the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination.

(i) A substitution plan shall be in effect only in Phase I for the calendar years specified in the plan or until the calendar year for which a termination of the plan takes effect, provided that no substitution plan shall be terminated, and no unit shall be de-designated as a substitution unit, before the end of Phase I if the substitution unit serves as a control unit under a Phase I extension plan.

(ii) To terminate a substitution plan for a given calendar year prior to the last year for which the plan was approved:

(a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and

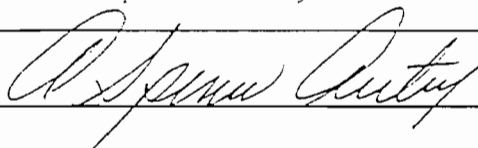
(b) In the notification to terminate, the designated representative of each unit governed by the plan shall state that he or she surrenders for deduction from the unit's Allowance Tracking System account allowances equal in number to, and with the same or an earlier compliance use date, as those allocated under 40 CFR 72.41(d)(1) for all calendar years for which the plan is to be terminated. The designated representative may identify the serial numbers of the allowances to be deducted. In the absence of such identification, allowances will be deducted on a first-in, first-out basis under 40 CFR 73.35(c)(2).

(iii) If the requirements of 40 CFR 72.41(e)(2)(ii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.

(iv) Change of owner or operator. If there is a change in the owners or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(e)(2)(iii).

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify, under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name A. Spencer Autry	
Signature 	Date 2/7/93
Name	
Signature	Date
Name	
Signature	Date
Name	
Signature	Date

Plant Name (see instructions) BIG BEND

DISTRIBUTION OF SUBSTITUTION ALLOWANCES

STEP 8 (Optional)

Add together all entries at Step 4 on page 1, including copies, if any, and enter total in Step 4 Total box.

Identify the column for each unit by entering the letter for that unit from Step 1.

Enter the number of substitution allowances from the Step 4 Total to be allocated to each Table 1 and substitution unit. For Table 1 units, indicate the substitution unit from which these allowances came by entering the letter of the substitution unit in the small corner box. If allowances for a single Table 1 unit come from more than one substitution unit, indicate the amount coming from each substitution unit in a separate box in that column.

Make entries for each year the plan will be in effect. Enter the total for each year, including entries from any copies.

STEP 4 TOTAL

allowances

	Table 1 Units		Substitution Units			
	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	<div style="border: 1px solid black; width: 20px; height: 20px; margin: 0 auto;"></div>	
1995	allowances	allowances	allowances	allowances	allowances	1995 TOTAL allowances
	allowances	allowances				
	allowances	allowances				
1996	allowances	allowances	allowances	allowances	allowances	1996 TOTAL allowances
	allowances	allowances				
	allowances	allowances				
1997	allowances	allowances	allowances	allowances	allowances	1997 TOTAL allowances
	allowances	allowances				
	allowances	allowances				
1998	allowances	allowances	allowances	allowances	allowances	1998 TOTAL allowances
	allowances	allowances				
	allowances	allowances				
1999	allowances	allowances	allowances	allowances	allowances	1999 TOTAL allowances
	allowances	allowances				
	allowances	allowances				



Substitution Plan

Page 1

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For more information, see instructions and refer to 40 CFR 72.41

This submission is: ☒ New ☐ Revised

Page 1 of 3

STEP 1
Identify each unit by plant name, State and boiler ID# from NADB. After the boiler ID# of each substitution unit, enter the letter(s) for the Table 1 unit(s) for which the unit is substituting (see instructions)

Table 1 Units

	Plant Name	State	Boiler ID#
a	BIG BEND	FLORIDA	BB01
b	BIG BEND	FLORIDA	BB02
c	BIG BEND	FLORIDA	BB03
d			

Substitution Units

	Plant Name	State	Boiler ID#	Table 1 Units
e	HOOKERS POINT	FLORIDA	HB05	a b c
f				
g				
h				
i				
j				

STEP 2
Enter baseline (see special instructions)

e	f	g	h	i	j
248,675					
mmBtu	mmBtu	mmBtu	mmBtu	mmBtu	mmBtu

STEP 3
Enter the lesser of the 1985 actual or allowable SO₂ emissions rate from NADB. Do not round

1.0994					
lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu	lbs/mmBtu

STEP 4
Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton

137					
tons	tons	tons	tons	tons	tons

STEP 5
Mark one of the two options and enter date, if applicable

- ☐ The effective date of this plan is January 1, 199 ☐
- ☒ This plan is for conditional approval. The designated representative will notify the Agency of activation not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

STEP 6
Mark one of the two options and enter date, if applicable

- ☐ The last date this plan will be in effect is December 31, 199 ☐ unless notification to terminate the plan prior to that date is given
- ☐ The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

Plant Name (see instructions)

Page 2 of 3

STEP 7

Complete Step 8, if applicable, read the special provisions and certification, and print the name of the designated representative for each source identified in this plan. Each designated representative must sign and date

Special Provisions

Emissions Limitations.

- (i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.
- (ii) Each unit under 40 CFR 72.41(a)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

Liability. The owners and operators of a unit governed by an approved substitution plan shall be liable for any violation of the plan or 40 CFR 72.41 at that unit or any other unit that is the first unit's substitution unit or for which the first unit is a substitution unit under the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination.

- (i) A substitution plan shall be in effect only in Phase I for the calendar years specified in the plan or until the calendar year for which a termination of the plan takes effect, provided that no substitution plan shall be terminated, and no unit shall be de-designated as a substitution unit, before the end of Phase I if the substitution unit serves as a control unit under a Phase I extension plan.

- (ii) To terminate a substitution plan for a given calendar year prior to the last year for which the plan was approved:

(a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and

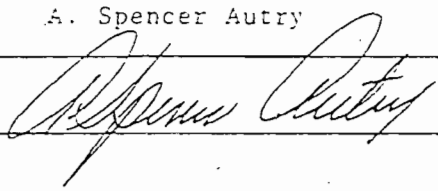
(b) In the notification to terminate, the designated representative of each unit governed by the plan shall state that he or she surrenders for deduction from the unit's Allowance Tracking System account allowances equal in number to, and with the same or an earlier compliance use date, as those allocated under 40 CFR 72.41(d)(1) for all calendar years for which the plan is to be terminated. The designated representative may identify the serial numbers of the allowances to be deducted. In the absence of such identification, allowances will be deducted on a first-in, first-out basis under 40 CFR 73.35(c)(2).

- (iii) If the requirements of 40 CFR 72.41(e)(2)(ii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.

- (iv) Change of owner or operator. If there is a change in the owners or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(e)(2)(iii).

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	A. Spencer Autry	
Signature		Date 2/7/93
Name		
Signature		Date
Name		
Signature		Date
Name		
Signature		Date

DISTRIBUTION OF SUBSTITUTION ALLOWANCES

STEP 8 (Optional)
Add together all entries at Step 4 on page 1, including copies, if any, and enter total in Step 4 Total box.

Identify the column for each unit by entering the letter for that unit from Step 1.

Enter the number of substitution allowances from the Step 4 Total to be allocated to each Table 1 and substitution unit. For Table 1 units, indicate the substitution unit from which these allowances came by entering the letter of the substitution unit in the small corner box. If allowances for a single Table 1 unit come from more than one substitution unit, indicate the amount coming from each substitution unit in a separate box in that column.

Make entries for each year the plan will be in effect. Enter the total for each year, including entries from any copies.

STEP 4 TOTAL

allowances

Table 1 Units

Substitution Units

1995

allowances	allowances	allowances	allowances	allowances	allowances	allowances	1995 TOTAL
allowances	allowances						allowances
allowances	allowances						

1996

allowances	allowances	allowances	allowances	allowances	allowances	allowances	1996 TOTAL
allowances	allowances						allowances
allowances	allowances						

1997

allowances	allowances	allowances	allowances	allowances	allowances	allowances	1997 TOTAL
allowances	allowances						allowances
allowances	allowances						

1998

allowances	allowances	allowances	allowances	allowances	allowances	allowances	1998 TOTAL
allowances	allowances						allowances
allowances	allowances						

1999

allowances	allowances	allowances	allowances	allowances	allowances	allowances	1999 TOTAL
allowances	allowances						allowances
allowances	allowances						



Substitution Plan

Page 1

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2-11-93

For more information, see instructions and refer to 40 CFR 72.41

This submission is: ☒ New ☐ Revised

Page 1 of 3

STEP 1
Identify each unit by plant name, State and boiler ID# from NADB. After the boiler ID# of each substitution unit, enter the letter(s) for the Table 1 unit(s) for which the unit is substituting (see instructions)

Table 1 Units

	Plant Name	State	Boiler ID#
a	BIG BEND	FLORIDA	BB01
b	BIG BEND	FLORIDA	BB02
c	BIG BEND	FLORIDA	BB03
d			

Substitution Units

	Plant Name	State	Boiler ID#	Table 1 Units
e	HOOKERS POINT	FLORIDA	HB06	a b c
f				
g				
h				
i				
j				

STEP 2
Enter baseline (see special instructions)

e	f	g	h	i	j
415,528 mmBtu					

STEP 3
Enter the lesser of the 1985 actual or allowable SO₂ emissions rate from NADB. Do not round

1.0602 lbs/mmBtu					
---------------------	--	--	--	--	--

STEP 4
Multiply Step 2 and Step 3 entries, divide by 2000, and round to the nearest ton

220 tons					
-------------	--	--	--	--	--

STEP 5
Mark one of the two options and enter date, if applicable

- ☐ The effective date of this plan is January 1, 199 ☐
- ☒ This plan is for conditional approval. The designated representative will notify the Agency of activation not later than 60 days before the allowance transfer deadline applicable to the first year for which the plan is to be in effect. Go to Step 7.

STEP 6
Mark one of the two options and enter date, if applicable

- ☐ The last date this plan will be in effect is December 31, 199 ☐ unless notification to terminate the plan prior to that date is given
- ☐ The last date of the plan is not known. The plan will be effective until December 31, 1999, unless the designated representative notifies the Agency of termination of the plan prior to that date.

Plant Name (see instructions)

BIG BEND

Page 2 of 3

STEP 7

Complete Step 8, if applicable, read the special provisions and certification, and print the name of the designated representative for each source identified in this plan. Each designated representative must sign and date

Special Provisions

Emissions Limitations.

- (i) Each substitution unit governed by an approved substitution plan shall become a Phase I unit from January 1 of the year for which the plan takes effect until January 1 of the year for which the plan is no longer in effect or is terminated.
- (ii) Each unit under 40 CFR 72.41(e)(1), and each substitution unit, governed by an approved substitution plan shall be subject to the Acid Rain emissions limitations for nitrogen oxides in accordance with section 407 of the Act and regulations implementing section 407 of the Act.

Liability. The owners and operators of a unit governed by an approved substitution plan shall be liable for any violation of the plan or 40 CFR 72.41 at that unit or any other unit that is the first unit's substitution unit or for which the first unit is a substitution unit under the plan, including liability for fulfilling the obligations specified in 40 CFR part 77 and section 411 of the Act.

Termination.

- (i) A substitution plan shall be in effect only in Phase I for the calendar years specified in the plan or until the calendar year for which a termination of the plan takes effect, provided that no substitution plan shall be terminated, and no unit shall be de-designated as a substitution unit, before the end of Phase I if the substitution unit serves as a control unit under a Phase I extension plan.
- (ii) To terminate a substitution plan for a given calendar year prior to the last year for which the plan was approved:

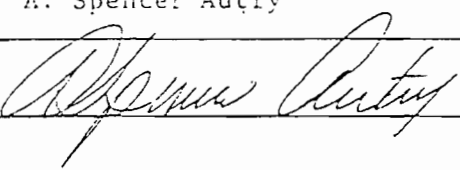
- (a) A notification to terminate in accordance with 40 CFR 72.40(d) shall be submitted no later than 60 days before the allowance transfer deadline applicable to the given year; and
- (b) In the notification to terminate, the designated representative of each unit governed by the plan shall state that he or she surrenders for deduction from the unit's Allowance Tracking System account allowances equal in number to, and with the same or an earlier compliance use date, as those allocated under 40 CFR 72.41(d)(1) for all calendar years for which the plan is to be terminated. The designated representative may identify the serial numbers of the allowances to be deducted. In the absence of such identification, allowances will be deducted on a first-in, first-out basis under 40 CFR 73.35(c)(2).

- (iii) If the requirements of 40 CFR 72.41(e)(2)(ii) are met and upon revision of the permit to terminate the substitution plan, the Administrator will deduct the allowances specified in 40 CFR 72.41(e)(2)(ii)(B). No substitution plan shall be terminated, and no unit shall be de-designated as a Phase I unit, unless such deduction is made.

- (iv) Change of owner or operator. If there is a change in the owners or operators (which includes for purposes of this section the designated representative) of any unit governed by an approved substitution plan and the requirement under 40 CFR 72.41(b)(1)(i) is no longer met, then the designated representatives of the units governed by the plan shall terminate the plan as of January 1 of the calendar year during which the change was made. If the designated representatives fail to terminate the plan, the Administrator, on his own motion, shall terminate the plan and deduct the allowances required to be surrendered under 40 CFR 72.41(e)(2)(ii).

Certification

I am authorized to make this submission on behalf of the owners and operators of the affected source or affected units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name	A. Spencer Autry	
Signature		Date 2/7/93
Name		
Signature		Date
Name		
Signature		Date
Name		
Signature		Date

Plant Name (see instructions)

BIG BEND

Substitution - Page 3

Page 3 of 3

DISTRIBUTION OF SUBSTITUTION ALLOWANCES

STEP 4 TOTAL

STEP 8 (Optional)
Add together all entries at Step 4 on page 1, including copies, if any, and enter total in Step 4 Total box.

Identify the column for each unit by entering the letter for that unit from Step 1.

Enter the number of substitution allowances from the Step 4 Total to be allocated to each Table 1 and substitution unit. For Table 1 units, indicate the substitution unit from which these allowances came by entering the letter of the substitution unit in the small corner box. If allowances for a single Table 1 unit come from more than one substitution unit, indicate the amount coming from each substitution unit in a separate box in that column.

Make entries for each year the plan will be in effect. Enter the total for each year, including entries from any copies.

	Table 1 Units		Substitution Units			
	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	
1995	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	1995 TOTAL <div>allowances</div>
	<div>allowances</div>	<div>allowances</div>				
	<div>allowances</div>	<div>allowances</div>				
1996	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	1996 TOTAL <div>allowances</div>
	<div>allowances</div>	<div>allowances</div>				
	<div>allowances</div>	<div>allowances</div>				
1997	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	1997 TOTAL <div>allowances</div>
	<div>allowances</div>	<div>allowances</div>				
	<div>allowances</div>	<div>allowances</div>				
1998	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	1998 TOTAL <div>allowances</div>
	<div>allowances</div>	<div>allowances</div>				
	<div>allowances</div>	<div>allowances</div>				
1999	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	<div>allowances</div>	1999 TOTAL <div>allowances</div>
	<div>allowances</div>	<div>allowances</div>				
	<div>allowances</div>	<div>allowances</div>				

Appendix H-1, Permit History/ID Number Changes

Tampa Electric Company
Hooker's Point

DRAFT Permit No.: 0570038-001-AV
Facility ID No.: 0570038

Permit History (for tracking purposes):

E.U.

<u>ID No.</u>	<u>Description</u>	<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>	<u>Extended Date</u>	<u>Revised Date(s)</u>
001	Oil-Fired Boiler #1	AO29-203001	12/19/91	12/01/96		
002	Oil-Fired Boiler #2	AO29-203000	12/19/91	12/01/96		
003	Oil-Fired Boiler #3	AO29-202999	12/19/91	12/01/96		
004	Oil-Fired Boiler #4	AO29-202998	12/19/91	12/01/96		
005	Oil-Fired Boiler #6	AO29-202997	12/19/91	12/01/96		
006	Oil-Fired Boiler #6	AO29-203002	12/19/91	12/01/96		

Note: since these units have been in service for over 30 years, no AC permits were issued.

ID Number Changes (for tracking purposes):

From: **Facility ID No.:** 40HIL290038

To: **Facility ID No.:** 0570038

Notes:

1. AO permits automatically extended in Rule 62-210.300(2)(a)3.a., F.A.C., effective 03/21/96
 2. AC permits automatically extended 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]



February 11, 1997

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FEB 13 1997

BUREAU OF
AIR REGULATION

Mr. John C. Brown, Jr., P.E.
Administrator-Title V Section
Florida Department of Environmental Protection
111 South Magnolia Drive
Tallahassee, Florida 32301

Via FedEx
Airbill No. 2561491030

**Re: Tampa Electric Company
Hookers Point Station
File No. 0570038-001-AV
Response to Request for Additional Information
Regarding Initial Title V Permit Application**

Dear Mr. Brown:

Tampa Electric Company (TEC) received the Florida Department of Environmental Protection's (FDEP) request for additional information for our Hookers Point Station on November 14, 1996. In response to the referenced request for additional information, please find enclosed four (4) electronic copies of the updated ELSA files and one (1) hard copy of the application. Please be advised that the ELSA files are being submitted in the ELSA Version 1.2.1 to maintain consistency with the original ELSA submittal. The Responsible Official and Professional Engineer certifications are also enclosed using the new long-application form pages.

In addition, the following narrative to your specific information request is being provided to assist in the Title V application review:

FDEP Question 1:

In the introduction to your application you indicate that No. 2 fuel oil is used for ignition during startup for steam boiler Unit Nos. 1, 4, and 5 and that propane is used for startup in steam boiler Unit No. 6 (copy of page i enclosed). The ELSA (Electronic Submission of Application) indicates that No. 2 fuel oil is used for ignition during startup for all steam boilers (Unit Nos. 1 through 6) and propane is also used in Unit No. 6.

Part a. - Please explain what startup fuels are used in each boiler.

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FEB 13 1997

BUREAU OF
AIR REGULATION

Mr. John C. Brown, Jr., P.E.
February 11, 1997
Page 2 of 3

TEC Response:

No. 2 fuel oil is used as the startup fuel for Units 1, 4, and 5. Propane is used as the startup fuel for Unit 6. The application has been updated to reflect this startup fuel configuration. No. 2 fuel oil was also included in the original application as a startup fuel for Units 2, 3, and 6 because at the time the application was prepared Tampa Electric Company understood potential future fuels should be incorporated into the initial Title V operating permit application. TEC now understands the policy has been modified so that fuels not currently in use will be amended into the Title V permit only after approval has been granted to use a new fuel by the Department.

Part b. - Please submit completed Segment (Process/Fuel) Information pages for these fuels as required by page 25 of the application form (enclosed), DEP Form No. 62-210.900(1) {see pages 36 through 39 for the Instructions for the form}.

TEC Response:

The application has been updated to include the requested Segment Information.

Part c. - These fuels should be identified as "Alternative Methods of Operation" on page 35 of the application form (enclosed) {see page 52 of the Instructions for the form}.

TEC Response:

The application has been updated to include the requested "Alternative Methods of Operation" information.

Part d. - It appears there may be a typographical error in the Segment (Process/Fuel) Information page of the ELSA for Unit No. 4 (copy enclosed). You indicate in the Segment Description, Field 1 - "Residual (No. 6) fuel oil burned in Unit No. 3." Please correct and resubmit this page.

TEC Response:

The application has been updated to correct this typographical error.

FDEP Question 2.:

Start up fuels are not addressed in the current air operations permits. For each boiler, how long have these fuels been used for startup?

Mr. John C. Brown, Jr., P.E.
February 11, 1997
Page 3 of 3

TEC Response:

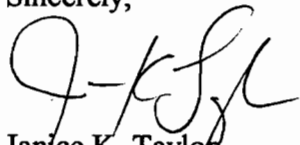
Propane has always been used on Unit No. 6 for start-up proposes. Ignitors were installed on Units 1, 4 and 5 in approximately 1985 when Hookers Point Station went to Short Term Stand-by Status. The ignitors helped facilitate cold start-up of the small boilers by providing auxiliary steam to the common header. Prior to stand-by status, typically a hot boiler was available to provide the necessary steam needed for start-ups.

Other Updates

A newly signed Responsible Official Certification Statement is included in the update package. Please note that the Responsible Official is now Douglas H. Finke. A newly signed Professional Engineer (P.E.) Certification Statement is also included in the update package. The phone and fax numbers for the Responsible Official (Doug Finke), the plant contact (Forest Chick) and the application contact (Janice Taylor) have been updated along with my mailing address in this revised permit application.

Please telephone me at (813) 641-5039 if you have any questions or require any clarification.

Sincerely,



Janice K. Taylor
Senior Engineer
Environmental Planning

EPgmUKT782

Enclosures

c: Mr. Jerry Kissell, DEP - SW District
Mr. Richard Kirby, EPCHC



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

November 7, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. John T. Duff
General Manager
Tampa Electric Company
P.O. Box 111
Tampa, Florida 33601-0111

Janice Taylor 813. 228. 4839 or 4111 (main)
4881 Fax

Green card received nov. 13

Re: **Request for Additional Information** Regarding Initial Title V Permit Application
File No. 0570038-001-AV
Hookers Point Station, Hillsborough County

Dear Mr. Duff:

Your initial Title V permit application for the Hookers Point Station was "timely and complete" for purposes of the initial Title V application submission (see Rule 62-213.420(1)(a)1. and (b)2., F.A.C.). However, in order to continue processing your application, the Department will need the following additional information pursuant to Rule 62-213.420(1)(b)3., F.A.C., and Rule 62-4.070(1), F.A.C.

1. In the introduction to your application you indicate that No. 2 fuel oil is used for ignition during startup for steam boiler Unit Nos. 1, 4, and 5 and that propane is used for startup in steam boiler Unit No. 6 (copy of page i enclosed). The ELSA (Electronic Submission of Application) indicates that No. 2 fuel oil is used for ignition during startup for all steam boilers (Unit Nos. 1 through 6) and propane is also used for startup in Unit No. 6.

- a. Please explain what startup fuels are used in each boiler.
- b. Please submit completed Segment (Process/Fuel) Information pages for these fuels as required by page 25 of the application form (enclosed), DEP Form No. 62-210.900(1) {see pages 36 through 39 of the Instructions for the form}.
- c. These fuels should be identified as "Alternative Methods of Operation" on page 35 of the application form (enclosed) {see page 52 of the Instructions for the form}.
- d. It appears there may be a typographical error in the Segment (Process/Fuel) Information page of the ELSA for Unit No. 4 (copy enclosed). You indicate in the Segment Description, Field 1. - "Residual (No. 6) fuel oil burned in Unit No. 3." Please correct and resubmit this page.

2. Start up fuels are not addressed in the current air operation permits. For each boiler, how long have these fuels been used for startup?

Mr. John T. Duff
November 7, 1996
Page 2 of 2

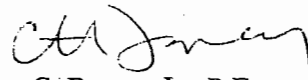
Responsible Official (R.O.) Certification Statement: Rule 62-213.420, F.A.C., requires that all Title V permit applications must be certified by a responsible official. Due to the nature of the information requested above, your response should be certified by the responsible official. Please complete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

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

The Department must receive a response from you within 90 (ninety) days of receipt of this letter, unless you (the applicant) request additional time under Rule 62-213.420(1)(b)6., F.A.C. A copy of your response should be sent to Mr. Richard Kirby at the Hillsborough County Environmental Protection Commission (EPCHC).

If you should have any questions, please call Steve Welsh or me at 904/488-1344.

Sincerely,



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

JCB/sw

Enclosures

copy to:

Ms. Janice Taylor, Tampa Electric Company
Mr. Thomas W. Davis, P.E., Environmental Consulting & Technology, Inc.
Mr. Richard Kirby, EPCHC

INTRODUCTION

The Tampa Electric Company (TEC) Hookers Point Station located in Tampa, Hillsborough County, Florida is a nominal 227 megawatt (MW) electric generation facility. The Hookers Point Station consists of six steam boilers (Unit Nos. 1 through 6), five steam turbine-generators, a once-through cooling water system, fuel oil storage tanks, and ancillary support equipment. Steam produced by Unit Nos. 1 through 5 is ducted to a common steam header which feeds four steam turbine-generators. Steam produced by Unit No. 6 is routed to a steam turbine-generator dedicated to Unit No. 6.

Unit Nos. 1 and 2 each have a nominal maximum heat input of 298 million British thermal units per hour (MMBtu/hr). Unit Nos. 3 and 4 each have a nominal maximum heat input of 411 MMBtu/hr. Unit Nos. 5 and 6 have nominal maximum heat inputs of 610 and 778 MMBtu/hr, respectively. Units Nos. 1 through 6 are all fired with No. 6 fuel oil. Unit Nos. 1, 4, and 5 utilize No. 2 fuel oil for ignition during startups. Propane is used for ignition during startups for Unit No. 6.

Operation of the Hookers Point Station is currently authorized by Florida Department of Environmental Protection (FDEP) Operation Permits AO29-203001 (Unit No. 1), AO29-203000 (Unit No. 2), AO29-202999 (Unit No. 3), AO29-202998 (Unit No. 4), AO29-202997 (Unit No. 5), and AO29-203002 (Unit No. 6). Each of these permits was issued on December 19, 1991 and have an expiration date of December 1, 1996.

The TEC Hookers Point Station qualifies as a Title V Source pursuant to Chapter 62-210.200(173), Florida Administrative Code (F.A.C.), because potential emissions of a regulated air pollutant exceed 100 tons per year. This application package, prepared using Electronic Submission of Application (ELSA) Version 1.2.1, constitutes TEC's Title V permit application for the Hookers Point Station and is submitted to satisfy the requirements of Chapter 62-213.400, F.A.C.

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

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):	

Additional Supplemental Requirements for Category I Applications Only

10. Alternative Methods of Operation [] Attached, Document ID: _____ [] Not Applicable
11. Alternative Modes of Operation (Emissions Trading) [] Attached, Document ID: _____ [] Not Applicable
12. Identification of Additional Applicable Requirements [] Attached, Document ID: _____ [] Not Applicable
13. Compliance Assurance Monitoring Plan [] Attached, Document ID: _____ [] Not Applicable
14. Acid Rain Application (Hard-copy Required) [] Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____ [] Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____ [] New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____ [] Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____ [] Not Applicable

D. SEGMENT (PROCESS/FUEL) INFORMATION

Emissions Unit Information Section 4

Unit No. 4; Residual Fuel Oil-Fired Steam Generator

Segment Description and Rate : Segment 1

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) : Residual (No. 6) fuel oil burned in Unit No. 3.	
2. Source Classification Code (SCC) : 1-01-004-01	
3. SCC Units : Thousand Gallons Burned (all liquid fuels)	
4. Maximum Hourly Rate : 2.70	Hourly Rate Limit :
5. Maximum Annual Rate : 23,654.00	Annual Rate Limit :
6. Estimated Annual Activity Factor :	
7. Maximum Percent Sulfur : 1.00	Percent Sulfur Limit :
8. Maximum Percent Ash : 0.10	
9. Million Btu per SCC Unit : 152	
10. Segment Comment : No. 2 fuel oil used for ignition during start-up. Btu per SCC unit value (Field 9) based on average fuel heat content of 152,210 Btu/gal. No. 6 fuel oil may be supplemented with used oil and up to 50 gallons per minute of non-hazardous boiler chemical cleaning waste.	

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official:
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Street Address: City: State: Zip Code:
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: () - Fax: () -
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i> <div style="display: flex; justify-content: space-between;"><div>_____ Signature</div><div>_____ Date</div></div>

* Attach letter of authorization if not currently on file.

4. Professional Engineer 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.

Signature

Date

(seal)

* Attach any exception to certification statement.

TO: Scott M. Sheplak, P.E.

FROM: Steve Welsh *SW*

DATE: April 30, 1997

Re: Intent package for DRAFT Permit No.: 0570038-001-AV
Tampa Electric Company
Hookers Point Station

Permit Clock: Today is ARMS Day 76
Default Date (Day 90): May 13, 1997

This permit is for the initial Title V air operation permit for the subject facility.

Additional information was requested and a satisfactory response received February 13, 1997. This application was complete on the same date. Comments dated September 27, 1996 were received from the Hillsborough EPC office, and are attached to this memorandum.

This facility reported that each emissions unit was in compliance at the time of the application.

Other noteworthy items include:

- 1) Hookers Point states that they are burning used oil & boiler chemical cleaning waste, however prior permits make no mention of this method of operation.
- 2) They are a major source of HAP.
- 3) They are using propane & #2 oil as startup fuels in several boilers, however prior permits make no mention of this method of operation.

I recommend that this Intent to Issue be sent out as attached.

stw/

COMMISSION

DOTTIE BERGER
PHYLLIS BUSANSKY
JOE CHILLURA
CHRIS HART
JIM NORMAN
ED TURANCHIK
SANDRA WILSON

EXECUTIVE DIRECTOR

ROGER P. STEWART



ADMINISTRATIVE OFFICES, LEGAL &
WATER MANAGEMENT DIVISION
1900 - 9TH AVENUE
TAMPA, FLORIDA 33605
TELEPHONE (813) 272-5960
FAX (813) 272-5157

AIR MANAGEMENT DIVISION
TELEPHONE (813) 272-5530

WASTE MANAGEMENT DIVISION
TELEPHONE (813) 272-5788

WETLANDS MANAGEMENT DIVISION
TELEPHONE (813) 272-7104

M E M O R A N D U M

DATE: September 27, 1996

TO: John Brown, P.E., FDEP

FROM: Carlos Gonzalez *CG* **THRU:** *RR* Richard C. Kirby, IV, P.E.
Jerry Campbell, P.E.

SUBJECT: Tampa Electric Company (TECO), Hooker's Point Station
Title V Application

The referenced application has been reviewed by EPC engineering staff. A facility inspection was conducted on September 19, 1996. The inspection highlights were discussed with Steve Welsh of your office on the day of the inspection. Based on our review and inspection, we offer the following comments:

1. The referenced station is currently permitted to burn No. 6 fuel oil. In the application, TECO requests to burn on-specification used oil (reprocessed oil). TECO does not give the amount of used oil they propose to use and only provide a partial fuel analysis to compare with the specifications in Table 1, 40 CFR 279.11. If TECO is allowed to burn used oil, we request that TECO track down the amount of used oil and provide a more comprehensive fuel analysis (to include not only sulfur, but lead and halogens content). We understand that there is a guidance memorandum in the works for used oil usage that may apply to this facility.
2. The boiler units at the referenced station have visible emissions limitations, except during periods of excess emissions, as follows: "visible emissions shall not exceed 20% opacity except for one two-minute period per hour during which opacity shall not exceed 40%." This limitation is consistent with Rule 62-296.405(1)(a), F.A.C. and Hillsborough County Chapter 1-3. We request that this opacity limitation remain in the Title V permit.
3. During the inspection, TECO requested that the three (3) smoke stacks be identified as indicated in the attachment.

John Brown, P.E., FDEP
September 27, 1996
Page 2

4. TECO requests that up to 50 gpm of a non-hazardous boiler chemical cleaning waste be allowed to burn in each boiler unit. If TECO is allowed to burn this chemical, we request that TECO track down the amount of this chemical and provide analysis to demonstrate that such chemical is non-hazardous.
5. TECO requests that compliance with SO₂ emission limits be done by fuel analysis. EPC supports the use of CEMs for compliance demonstration as we feel it is more representative than fuel sampling.
6. TECO requests, as an option, to conduct test runs during soot-blowing to demonstrate compliance with non-sootblowing standard. If TECO is allowed this option, we request that these tests be done during the firing of used oil--if used oil is allowed to be burned.

bm

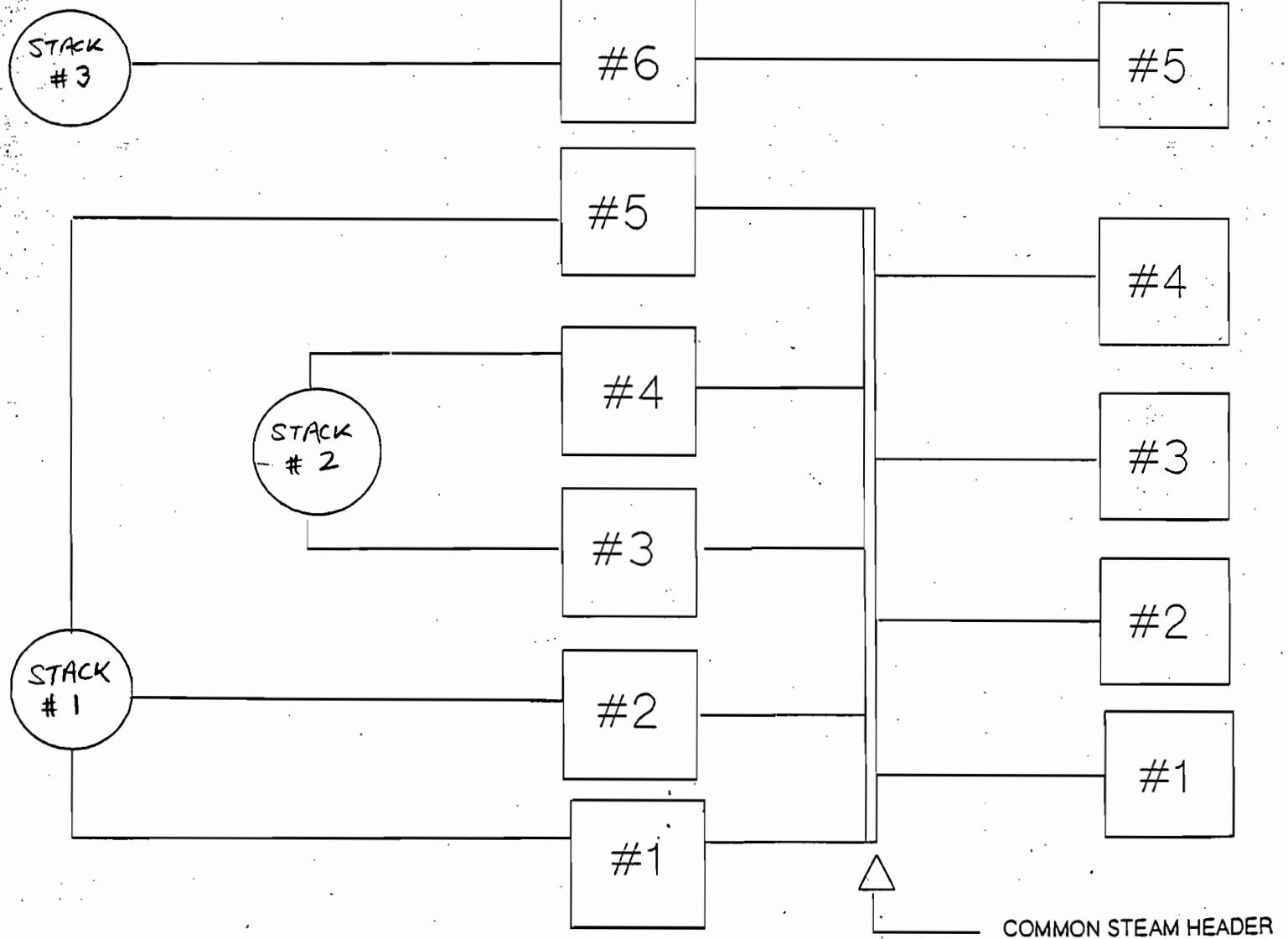
Attachments

TECO HOOKER'S POINT STATION

STACKS

BOILERS

GENERATORS



BEST AVAILABLE COPY

§279.12

40 CFR Ch. I (7-1-95 Edition)

TABLE 1—USED OIL NOT EXCEEDING ANY SPECIFICATION LEVEL IS NOT SUBJECT TO THIS PART WHEN BURNED FOR ENERGY RECOVERY¹

Constituent/property	Allowable level
Arsenic	5 ppm maximum.
Cadmium	2 ppm maximum.
Chromium	10 ppm maximum.
Lead	100 ppm maximum.
Flash point	100 °F minimum.
Total halogens	4,000 ppm maximum. ²

NOTE: Applicable standards for the burning of used oil containing PCBs are imposed by 40 CFR 761.20(e).

¹ The specification does not apply to mixtures of used oil and hazardous waste that continue to be regulated as hazardous waste (see § 279.10(b)).

² Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under § 279.10(b)(1). Such used oil is subject to subpart H of part 266 of this chapter rather than this part when burned for energy recovery unless the presumption of mixing can be successfully rebutted.

[57 FR 41612, Sept. 10, 1992, as amended at 58 FR 26425, May 3, 1993]

§ 279.12 Prohibitions.

(a) *Surface impoundment prohibition.* Used oil shall not be managed in surface impoundments or waste piles unless the units are subject to regulation under parts 264 or 265 of this chapter.

(b) *Use as a dust suppressant.* The use of used oil as a dust suppressant is prohibited, except when such activity takes place in one of the states listed in § 279.82(c).

(c) *Burning in particular units.* Off-specification used oil fuel may be burned for energy recovery in only the following devices:

(1) Industrial furnaces identified in § 260.10 of this chapter;

(2) Boilers, as defined in § 260.10 of this chapter, that are identified as follows:

(i) Industrial boilers located on the site of a facility engaged in a manufacturing process where substances are transformed into new products, including the component parts of products, by mechanical or chemical processes;

(ii) Utility boilers used to produce electric power, steam, heated or cooled air, or other gases or fluids for sale; or

(iii) Used oil-fired space heaters provided that the burner meets the provisions of § 279.23.

(3) Hazardous waste incinerators subject to regulation under subpart O of parts 264 or 265 of this chapter.

[57 FR 41612, Sept. 10, 1992, as amended at 58 FR 26425, May 3, 1993]

Subpart C—Standards for Used Oil Generators

§ 279.20 Applicability.

(a) *General.* Except as provided in paragraphs (a)(1) through (a)(4) of this section, this subpart applies to all used oil generators. A used oil generator is any person, by site, whose act or process produces used oil or whose act first causes used oil to become subject to regulation.

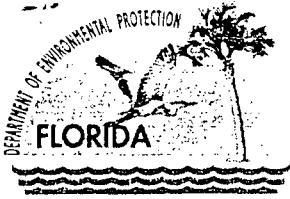
(1) *Household "do-it-yourselfer" used oil generators.* Household "do-it-yourselfer" used oil generators are not subject to regulation under this part.

(2) *Vessels.* Vessels at sea or at port are not subject to this subpart. For purposes of this subpart, used oil produced on vessels from normal shipboard operations is considered to be generated at the time it is transported ashore. The owner or operator of the vessel and the person(s) removing or accepting used oil from the vessel are co-generators of the used oil and are both responsible for managing the waste in compliance with this subpart once the used oil is transported ashore. The co-generators may decide among them which party will fulfill the requirements of this subpart.

(3) *Diesel fuel.* Mixtures of used oil and diesel fuel mixed by the generator of the used oil for use in the generator's own vehicles are not subject to this part once the used oil and diesel fuel have been mixed. Prior to mixing, the used oil fuel is subject to the requirements of this subpart.

(4) *Farmers.* Farmers who generate an average of 25 gallons per month or less of used oil from vehicles or machinery used on the farm in a calendar year are not subject to the requirements of this part.

(b) *Other applicable provisions.* Used oil generators who conduct the following activities are subject to the requirements of other applicable provisions of this part as indicated in paragraphs (b)(1) through (5) of this section:



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

April 30, 1997

Mr. Douglas Finke
General Manager
Tampa Electric Company
P.O. Box 111
Tampa, Florida 33601-0111

Re: DRAFT Title V Permit No.: 0570038-001-AV
Hookers Point Station


Dear Mr. Finkle:

One copy of the DRAFT Title V Air Operation Permit for the Hookers Point Station located at 1700 Hemlock Street, Tampa, Hillsborough 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 within 30 (thirty) days of receipt of this letter. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Scott M. Sheplak, P.E., at the above letterhead address. If you have any other questions, please contact Steve Welsh at 904/488-1344.

Sincerely,

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

CHF/w

Enclosures

cc: Ms. Gracy R. Danois, U.S. EPA, Region 4 (INTERNET E-mail Memorandum)

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4a & b.
- 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):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Mr. Douglas Finke
General Manager
Tampa Electric Company
Post Office Box 111
Tampa, Florida 33601-0111

4a. Article Number
P 263 584 961

4b. Service Type
☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery
MAY 05 1997

5. Signature (Addressee)

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

6. Signature (Agent)

PS Form 3811, December 1991 ★U.S. GPO: 1992-323-402

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.

P 263 584 961

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to Douglas Finke	
Street & Number P.O. Box 111	
Post Office, State, & ZIP Code Tampa, FL 33601-0111	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date 05-02-97 0570038-001-AV Tampa El. Co. - Hookers Pt.	

PS Form 3800, April 1995

P 263 584 962

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to Thomas W. Reel, Esquire	
Street & Number 2951 61st Ave. South	
Post Office, State, & ZIP Code St. Petersburg, FL 33712	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date 0570038-001-AV Tampa El. Co. - Hookers Pt mail 05-2-97	

PS Form 3800, April 1995

No Green CARD