

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

Mr. Patrick A. Ho
Manager, Environmental Planning
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111 /

DEP File No.: A029-250139
County: Hillsborough

Enclosed is Permit Number A029-250139 to operate F.J. Gannon Station Units 1-6 Coal Bunkers with six Roto-Clones, located at Port Sutton Road, Tampa, Hillsborough County, issued pursuant to Section 403.087, Florida Statutes and Florida Administrative Code Rules 17-200 through 299 & 17-4.

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

The Petition shall contain the following information:

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

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

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

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

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

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

This permit is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 17-103.070, F.A.C. Upon timely filing of a petition or a request for an extension of time this permit will not be effective until further Order of the Department.

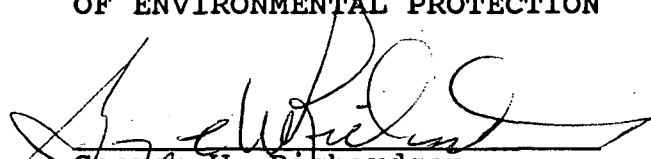
When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

Mr. Patrick A. Ho
Tampa, FL 33601-0111

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Executed in Tampa, Florida

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



George W. Richardson
Air Permitting Engineer
Southwest District

3804 Coconut Palm Drive
Tampa, FL 33619-8318
(813)744-6100, Ext. 420

cc: Air Management Division, Environmental Protection
Commission of Hillsborough County
Eric M. Costello, P.E., Tampa Electric Company

Attachment:

CERTIFICATE OF SERVICE

The undersigned duly designated Deputy Agency Clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on JUL 20 1994 to the listed persons.

FILING AND ACKNOWLEDGEMENT

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

Marilyn Quispe JUL 20 1994
Clerk Date



Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

PERMITTEE:

Tampa Electric Company
Post Office Box 111
Tampa, FL 33601-0111 /

PERMIT/CERTIFICATION:

Permit No: A029-250139
County: Hillsborough
Expiration Date: 07/12/99
Project: F.J. Gannon Station
Units 1-6 Coal
Bunkers with Six
Roto-Clones

This permit is issued under the provisions of Chapter 403, Florida Statutes, (F.S.) and Florida Administrative Code, (F.A.C.) Rules 17-200 through 299 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the operation of F.J. Gannon Station Units 1-6 coal bunkers with an exhaust fan/cyclone collector (Roto-Clone) controlling dust emissions from each unit's respective bunker. Two moving transfer stations via their respective conveyor belts route coal through enclosed chutes to each of the six bunkers. Coal bunkers No. 1-4 and 6 are each equipped with a 9,600 ACFM American Air Filter Company Type D Roto-Clone to abate dust emissions during ventilation. Coal Bunker No. 5 is equipped with a 5,400 ACFM American Air Filter Company Type D Roto-Clone to abate dust emissions during ventilation. A number of vent pipes convey air from each bunker to a Roto-Clone during particulate removal. Particulate matter removed by the Roto-Clones is returned to a coal bunker via a hopper and return line. Units 1-6 coal bunkers are situated in a west to east fashion. Unit 1 coal bunker is located furthest to the west and Unit No. 6 coal bunker furthest to the east.

Location: Port Sutton Road, Tampa, Hillsborough County

UTM: 17-360.1 3087.5 N NEDS NO: 0040 Point ID:
13-Unit No. 1 Bunker
14-Unit No. 2 Bunker
15-Unit No. 3 Bunker
16-Unit No. 4 Bunker
17-Unit No. 5 Bunker
18-Unit No. 6 Bunker

Replaces Permit No.: A029-163823

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PERMITTEE:
Tampa Electric Company

Permit No.: AO29-250139
Project: F.J. Gannon Station Units
1-6 Coal Bunkers with
Six Roto-Clones

SPECIFIC CONDITIONS:

1. A part of this permit is the attached 15 General Conditions.
2. Since a source having emissions of less than 1.0 tons/year is exempt from the provisions of particulate RACT, the maximum allowable particulate matter emission rate from each of the six coal bunkers shall not exceed 0.99 tons/year (Rule 17-296.700(2)(c), F.A.C.). Also, the maximum allowable particulate matter emission rate from each of the six coal bunkers shall not exceed 0.19 pounds/hour, as determined from the applicable emission factors described in AP-42, Section 11.2.3 (May, 1983).
3. Visible emissions from each of the six coal bunkers shall not be equal to or greater than 20% opacity (Rule 17-296.310(2)(a), F.A.C.).
4. Test the emissions from each of the six coal bunkers annually for the following pollutants within 60 days prior to or on March 29. A report of the test data shall be submitted to the Air Section of the Department's Southwest District Office and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of the testing (Rules 17-297.340 and 17-297.570, F.A.C.).

(X) Particulate Matter (X) Visible Emissions

5. Compliance with the emission limitations of Specific Conditions No. 2 and 3 shall be determined using EPA Methods 1, 2, 3, 4, 5 and 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 17-297, F.A.C. The minimum requirements for stationary point source sampling and reporting shall be in accordance with Rule 17-297, F.A.C. and 40 CFR 60, Appendix A. The visible emissions compliance tests shall be conducted by a certified observer and be a minimum of 30 minutes in duration. The visible emission compliance tests shall be conducted on 2 of the six coal bunkers annually so that over a three year period all six coal bunkers will have been tested. Coal bunkers 5 and 6 shall be tested within 60 days prior to or on March, 29, 1995.
6. The maximum allowable emission rate of particulate matter for each of the six coal bunkers is set by Specific Condition No. 2. Because of the expense and complexity of conducting a stack test on a minor source of particulate matter, the Department, pursuant to the authority granted under Rule 17-297.340(3), F.A.C., hereby establishes a visible emission limitation not to exceed an opacity of 5% in lieu of a particulate stack test.

PERMITTEE:
Tampa Electric Company

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Six Roto-Clones

7. Testing of emissions to show compliance shall be conducted within 90-100% of the maximum permitted rate for each of the six coal bunkers of 1,600 tons/hour. Determination of the process rate may be done by calculations, which shall be employed on a consistent basis. A compliance test submitted at an operating rate less than 90% of the permitted rate will automatically constitute an amended permit at the lesser rate plus 10%, until another test, showing compliance at a higher rate, not to exceed the maximum permitted rate, is submitted. Any time the permitted rate of the source is exceeded by more than 10% a compliance test shall be performed within 15 days of initiation of the higher rate and the test results shall be submitted to the Department and the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of testing. Acceptance of the test by the Department will constitute an amended permit at the higher rate plus 10%, but in no case shall the maximum permitted rate be exceeded. Failure to submit the process rate and actual operating conditions in the test report may invalidate the test data (Rule 17-4.070(3), F.A.C.).

8. Tampa Electric Company shall notify the Air Management Division of the Environmental Protection Commission of Hillsborough County at least 15 days prior to the date on which the compliance test is to begin. The notice shall include, the date, time, and place of each test, and the test contact person who will be responsible for coordinating and having each test conducted (Rule 17-297.340(1)(i), F.A.C.).

9. Should the Department have reason to believe the particulate matter emission standard specified in Specific Condition No. 2 is not being met, the Department may require that compliance with the particulate matter emission standard be demonstrated by testing in accordance with Rule 17-297, F.A.C. (Rule 17-297.620(4), F.A.C.).

10. All reasonable precautions shall be taken to prevent and control the generation of unconfined emissions of particulate matter in accordance with Rule 17-296.310(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition of wrecking, or industrial related activities such as loading, unloading, storing and handling.

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11. Operation and Maintenance Plan for Particulate Control (Rule 17-296.700(6), F.A.C.):

A) Process Parameters:

1. Source Designators: Units 1-6 Coal Bunkers
2. Baghouse Manufacturer: American Air Filter Company
3. Model Name and Number: Roto-Clone Dynamic Precipitator
Type D
4. Design Flow Rate: 9,600 ACFM, Units 1-4 and 6
5,400 ACFM, Unit 5
5. Efficiency Rating at Design Capacity: 75.0%
6. Process Controlled by Collection System: Units 1-6 Coal
Bunkers
7. Coal Handling Rate: 1,600 tons/hour for each of
the six coal bunkers
8. Operation Schedule: 8,760 hours/year (24 hours/day,
7 days/week, 52 weeks/year)

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

Quarterly:

1. Motor Inspection

Annually:

1. Piping Inspection
2. Fan Inspection

C) Records:

Records of inspections, maintenance, and performance parameters shall be retained for a minimum of the last two years and shall be made available to the Department or the Air Management Division of the Environmental Protection Commission of Hillsborough County upon request (Rule 17-296.700(6)(e), F.A.C.).

12. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 17-200 through 17-299, or any other requirements under federal, state or local law (Rule 17-210.300, F.A.C.).


PERMITTEE:
Tampa Electric Company

Permit No.: A029-250139
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13. Submit to both the Air Management Division of the Environmental Protection Commission of Hillsborough County and the Air Section of the Department's Southwest District Office each calendar year on or before March 1, completed DER Form 17-210.900(4), "Annual Operating Report for Air Pollutant Emitting Facility," for the preceding calendar year (Rule 17-210.370(2), F.A.C.).

14. The permittee shall submit a minimum of two applications for the renewal of this operating permit to the Air Section of the Department's Southwest District Office and one copy of the application to the Air Management Division of the Environmental Protection Commission of Hillsborough County at least 60 days prior to the expiration date of this permit (Rule 17-4.090(1), F.A.C.).

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION


For Dr. Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

ATTACHMENT - GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

GENERAL CONDITIONS:

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

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

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

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

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

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

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

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

GENERAL CONDITIONS:

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

13. This permit also constitutes:

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

14. The permittee shall comply with the following:

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

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

c. Records of monitoring information shall include:

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

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