



# Department of Environmental Protection

Lawton Chiles  
Governor

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

Virginia B. Wetherell  
Secretary

## NOTICE OF PERMIT AMENDMENT

### CERTIFIED MAIL

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

Dear Mr. Ho:

Re: Permit Amendment Request Received 03/16/95  
Big Bend Unit No. 3  
PATS Processing No. A029-269732  
Current DEP File No. A029-179911

On 03/16/95 the Department received your request for an amendment to air operating permit No. A029-179911. Therefore, the following amendment is hereby made in the permit:

### DESCRIPTION

Change from:

For the operation of a 4115 MMBTU/hr. coal fired steam generator designated as Unit No. 3 at the Big Bend Station. This "wet" bottom boiler was manufactured by Riley-Stoker and is an opposed-fired turbo boiler. The generator has a nameplate capacity of 445.5 MW. Particulate matter emissions generated during the operation of the unit are controlled by a dry electrostatic precipitator manufactured by Research-Cottrell, Inc.

Change to:

For the operation of a 4115 MMBTU/hr. coal fired steam generator designated as Unit No. 3 at the Big Bend Station. This "wet" bottom boiler was manufactured by Riley-Stoker and is an opposed-fired turbo boiler. The generator has a nameplate capacity of 445.5 MW. **Operation of this unit may include diverting all of the flue gas into the existing Big Bend Unit No. 4 flue gas desulfurization (FGD) system. Diversion of the flue gas stream will allow the emissions from this unit to be vented to the Unit 4 FGD system for emission reduction.**

Particulate matter emissions generated during the operation of the unit are controlled by a dry electrostatic precipitator (ESP) manufactured by Research-Cottrell, Inc. **Sulfur dioxide emissions will be controlled by diverting the flue gas emissions to**

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the Unit No. 4 FGD system. Sulfur dioxide emissions that are generated and not diverted through the Unit No. 4 FGD system are uncontrolled.

**Specific Condition No. 4:**

**Nonintegrated Operation Sulfur Dioxide Emission Limits:**

4. Big Bend Station Units No. 1, 2, and 3 in total shall not emit more than 31.5 tons per hour of sulfur dioxide on a three hour average, but in no case to exceed a two hour average emission of 6.5 pounds of sulfur dioxide per million Btu heat input. Units 1, 2, and 3, in total, shall not emit more than 25 tons per hour of sulfur dioxide on a 24 hour average (Rule 62-296.405(1)(c)2, F.A.C.).

**Integrated Operation Sulfur Dioxide Emission Limits:**

Tampa Electric Company is allowed to divert and integrate all of Big Bend Unit No. 3 flue gas for purposes of treating that flue gas in the existing Big Bend Unit No. 4 flue gas desulfurization (FGD) system. While in the integrated mode Units No. 3 and 4 shall meet the sulfur dioxide emission limitations that are applicable to Unit No. 4 (40 CFR 60.40a and Permit No. PSD-FL-040).

**Add Specific Condition No. 20:**

20. All Specific Conditions that reference testing requirements (Nos. 8,9,10,11, and 12) apply to operation in the nonintegrated mode. Testing as referenced in the operating permit should be conducted under nonintegrated conditions (i.e., no diversion of flue gas emissions is allowed during compliance testing).

A person whose substantial interests are affected by this permit amendment may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400 within 14 days of receipt of this permit amendment. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative proceeding (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's 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 subsequent interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
- (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this permit amendment. Persons whose substantial interests will be affected by any decision of the Department with regard to the permit amendment have a 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 permit amendment, 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, Florida Statutes, 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 62-5.207, Florida Administrative Code.

This permit amendment is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for an 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, Florida Administrative Code. Upon timely filing of a petition or a request for an extension of time this permit amendment will not be effective until further Order of the Department.

When the Order (Permit Amendment) is final, any party to the Order has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellant 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

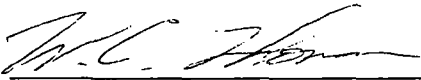
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accompanied by the applicable filing fees with the appropriate district Court of Appeal. The Notice of Appeal must be filed within 30 days from the date the Final Order is filed with the Clerk of the Department.

This amendment letter must be attached to and becomes a part of air operation permit number A029-179911. If you have any questions, please contact George Richardson in the Air Permitting Section at (813)744-6100, Ext. 105.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

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

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

cc: J. Reynolds, DEP  
EPCHC

CERTIFICATE OF SERVICE

The undersigned duly designated Deputy Department Clerk hereby certifies that this Notice of Permit Amendment and all copies were mailed by certified mail before the close of business on MAY 12 1995 to the listed persons.

FILING AND ACKNOWLEDGEMENT

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

  
Clerk

MAY 12 1995  
Date