



Florida Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

August 2, 1993

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Ms. Elsa A. Bishop, Supervisor
Air Permitting and Programs
Florida Power & Light
P.O. Box 088801
North Palm Beach, Florida 33408-8801

Dear Ms. Bishop:

Re: Revised Operation Permit (NO_x RACT) - AO50-206721
Riviera Power Plant, Unit 3

Pursuant to Florida Administrative Code (F.A.C.) Rule 17-296.570, the Department hereby amends the above operation permit authorizing Florida Power & Light to proceed with modifications necessary to comply with NO_x RACT emission limits to be effective on or before May 31, 1995. The amendments listed below, along with the Department's RACT Determination, shall become attachments to and part of the current operation permit.

New Specific Conditions

R-1. The boiler fuel firing rate shall not exceed 3,050 MMBtu/hr during fuel oil firing or 3,260 MMBtu/hr during gas firing. The boiler may be operated 8,760 hours per year.

R-2. NO_x emissions from the boiler stack shall not exceed the following limits based on a 30-day rolling average:

	<u>Natural Gas</u>	<u>Fuel Oil</u>
lbs/MMBtu	0.50	0.62
lbs/hr	1,630	1,891

These interim limits shall be effective upon installation of NO_x emission controls or no later than May 31, 1995, whichever first occurs, and shall apply during the test program required in Specific Condition No. R-4 except during periods of startup, shutdown, or malfunction as provided by F.A.C. Rule 17-210.700. Following completion of the test program required in Specific Condition No. R-4, these limits may be revised.

R-3. As of January 1, 1995, a continuous monitoring system for NO_x emissions shall be installed, calibrated, maintained and operated

and the output recorded for determining compliance with the NO_x emission limits in Specific Condition R-2. Determination of compliance shall be in accordance with procedures equivalent to applicable requirements of 40 CFR 60 Subpart Da, including Sections 60.46a and 60.48a. Reporting of continuous NO_x emissions monitoring results shall be carried out in accordance with existing requirements for opacity reporting.

R-4. Beginning on the date that Low NO_x burners are installed, the permittee shall conduct an 18-month program designed to achieve a 40% reduction in NO_x emissions (from the 1990 baseline) using staged firing or other methods to meet the following target limits based on a 30-day rolling average:

	<u>Natural Gas</u>	<u>Fuel Oil</u>
lbs/MMBtu	0.43	0.55
lbs/hr	1,402	1,678

During the 18-month period, the permittee shall conduct stack tests and file quarterly reports with the Bureau of Air Regulation, in Tallahassee, summarizing progress toward attaining the target NO_x limits. At the end of the 18-month period, the Department may revise the NO_x limits in Specific Condition No. R-2.

A person whose substantial interests are affected by the Department's proposed permitting decision 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. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this amendment. Petitions filed by other persons must be filed within 14 days of receipt of this amendment. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

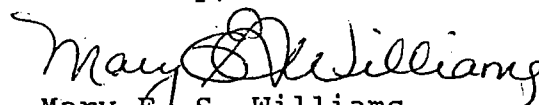
- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c)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

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

Sincerely,



Mary E. S. Williams
Director
Southeast District

MESW/JR/plm