



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

May 28, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Richard Piper
Environmental Specialist
Florida Power and Light Company
Post Office Box 088801
North Palm Beach, Florida 33408-8801

Dear Mr. Piper:

Re: FPL Lauderdale Plant - PSD Permit Amendment
Rate of Operation During Compliance Testing
0110037-001-AC, PSD-FL-145

Attached is one copy of the draft Permit Amendment, Intent to Issue, and Notice of Intent to Issue Permit Amendment (for publication by FPL) for the existing Lauderdale Power Plant located in Dania, Florida.

Please submit any written comments concerning the Department's proposed action to Mr. A. A. Linero, P.E. Administrator, at the above address. If you have any questions, please call Mr. Linero at (904)488-1344.

Sincerely,

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

CHF/aal/l

Enclosure

cc: J. Harper, EPA
J. Bunyak, NPS
B. Oven, DEP
I. Goldman, SED
D. Banu, BCDNRP



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFIED MAIL

In the Matter of an
Application for Permit by:

Florida Power & Light Company
Post Office Box 088801
North Palm Beach, Florida 33408-8801

DEP File Nos. PSD-FL-145(A)
0110037-001-AC
Broward County

INTENT TO ISSUE

The Department of Environmental Protection (Department) gives notice of its intent to issue an amendment (copy attached) for the proposed changes as detailed in the application specified above, for the reasons stated below.

The applicant, Florida Power and Light Company (FPL), applied on March 28, 1996 to the Department of Environmental Protection for a permit amendment to incorporate Department Guidance "Rate of Operation During Compliance Testing for Combustion Turbines" into its PSD Permit applicable to the FPL Lauderdale Plant located in Dania, Broward County, Florida.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes, DEP Rule 62-4, F.A.C., and DEP Rules 62-210 through 297, F.A.C. The above actions are not exempt from permitting procedures. The Department has determined that an amendment to the PSD permit is required.

Pursuant to Section 403.815, Florida Statutes and DEP Rule 62-103.150, F.A.C., you (FPL) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit Amendment. The notice shall be published one time only within 30 days in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections

Florida Power & Light
Page Two
Intent to Issue

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 department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department, at 2600 Blair Stone Road, Tallahassee, Florida 32399, within 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 amendment.

The Department will issue the amendment with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

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 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of their receipt of this intent, whichever first occurs. 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;

Florida Power & Light
Page Three
Intent to Issue

- (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 intent. 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 intent 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 60Q-2.010, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

 5/23/68
C. H. Fancy, Chief
Bureau of Air Regulation

Florida Power & Light
Page Four
Intent to Issue

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this **INTENT TO ISSUE** and all copies were mailed by certified mail before the close of business on May 28, 1996 to the listed persons.

Clerk Stamp

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

Ken J. Ban 5/28/96
Clerk Date

Copies furnished to:

J. Harper, EPA
J. Bunyak, NPS
H. Oven, DEP
I. Goldman, SED
D. Banu, BCDNRP

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE PERMIT AMENDMENT
PSD-FL-145(A), 0110037-110-AC

The Department of Environmental Protection (Department) gives notice of its intent to issue a permit amendment to Florida Power and Light Company (FPL), Post Office Box 088801, North Palm Beach, Florida 33408-8801 to incorporate Department Guidance "Rate of Operation During Compliance Testing for Combustion Turbines" into its PSD permit applicable to the FPL Lauderdale Power Plant located on Griffin Road, Dania, Broward County.

The Department requires that periodic air compliance testing of combustion turbines be conducted at 95-100 percent of maximum heat input capacity. The amendment recognizes that the capacity varies with conditions, such as ambient temperature on the test date, which are beyond the control of operators. It allows FPL to employ manufacturer's equipment characteristics to insure the Department's test requirements are satisfied and that results are applicable over the full operating temperature range.

The Department has determined that there will be no significant increases in emissions as a result of the amendment.

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 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, within 14 days of publication of this notice. 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

Florida Power & Light
Page Two
Notice of Intent to Issue

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 Notice. 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 publication of this notice 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 60Q-2.010, F.A.C.

The application 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:

Department of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Contact: A. A. Linero (904)488-1344

Department of Environmental Protection
Southeast District
400 North Congress Avenue
West Palm Beach, Florida 33401

Broward County DNRP
218 Southwest First Avenue
Fort Lauderdale, Florida 33301

Any person may send written comments on the proposed action to Administrator, New Source Review Section, at the Department of Environmental Protection, Division of Air Resources Management, 2600 Blair Stone Road - Mail Station 5505, Tallahassee, Florida 32399-2400. All comments received within 30 days of the publication of this notice will be considered in the Department's Final Determination.



Department of **DRAFT**
Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

June xx, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Richard Piper
Environmental Specialist
Florida Power and Light Company
Post Office Box 088801
North Palm Beach, Florida 33408-8801

Dear Mr. Piper:

Re: FPL Lauderdale Plant - PSD Permit Amendment
Rate of Operation During Compliance Testing
0110037-001-AC, PSD-FL-145

The Department has reviewed your request of March 28 to incorporate Guidance DARM-EM-05, "Rate of Operation During Compliance Testing for Combustion Turbines (attached)," into the PSD permit applicable to the FPL Lauderdale Power Plant. The permit is amended as follows:

Condition 23 (New)

23. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 95-100 percent of the manufacturer's rated heat input achievable for the average ambient (or conditioned) air temperature during the test. If it is impracticable to test at capacity, then sources may be tested at less than capacity. In such cases, the entire heat input vs. inlet temperature curve will be adjusted by the increment equal to the difference between the design heat input value and 105 percent of the value reached during the test. Data, curves, and calculations necessary to demonstrate the heat input rate correction at both design and test conditions shall be submitted to the Department with the compliance test report.

DRAFT

Mr. Richard Piper
Page Two
Florida Power & Light

A copy of this amendment letter shall be attached to and shall become a part of Permit PSD-FL-145.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Howard L. Rhodes, Director
Division Air Resources
Management

CERTIFICATE OF SERVICE

This is to certify that this **PERMIT AMENDMENT** and all copies were mailed to the listed persons before the close of business on

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to Chapter 120.52(9), Florida Statutes, with the designated Deputy Clerk, receipt of which is hereby acknowledged.

Clerk Date

Copies furnished to:

J. Harper, EPA
J. Bunyak, NPS
B. Oven, DEP
I. Goldman
D. Banu

RETURN ADDRESS completed on the reverse side

SEND

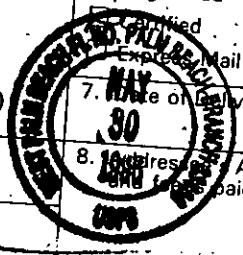
- Compl. Print your name and address on the reverse of this form so that we can return this card to you.
- Compl. Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

- Services (No. 24 extra fee):
- Addressee's Address
 - Restricted Delivery
- Consult postmaster for fee.

3. Article Addressed to:
 Richard Piper, E.S.
 Fla Power & Light
 P.O. Box 088801
 North Palm Bch, FL
 33408-8800

4a. Article Number
 2127 632 592

- 4b. Service Type
- Registered
 - Insured
 - COD
 - Return Receipt for Merchandise



5. Signature (Addressee)

6. Signature (Agent)
John Piper

7. Date of Delivery
 MAY 30 1993

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

Thank you for using Return Receipt Service

2 127 632 592



Receipt for Certified Mail

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

Sent to	Richard Piper
Street and No.	P.O. Box 088801
City, State and ZIP Code	North Palm Bch, FL
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	5-28-96
0110037-001-AC PSD-FI-145	

PS Form 3800, March 1993