



# Department of Environmental Protection

Lawton Chiles  
Governor

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

Virginia B. Wetherell  
Secretary

July 10, 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.





# 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

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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

A handwritten signature in cursive script, appearing to read "C. H. Fancy", with the date "5/28/80" written to the right of the signature.

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 Ober 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.

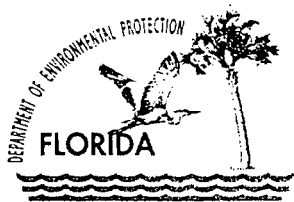
The application file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

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. Owen, DEP  
I. Goldman  
D. Banu

**SEND**

• Complete  
• Complete

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.

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  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery  
MAY 30 1996

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

5. Signature (Addressee)

6. Signature (Agent)  
John Shop

Services (i.e., extra fee):  
 1.  Addressee's Address  
 2.  Restricted Delivery  
 Consult postmaster for fee.

RETURN ADDRESS completed on the reverse side?

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.	PP + L
P.O., 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

Is your RETURN ADDRESS completed on the reverse side?

Fold at line over top of envelope to the right of the return address

**SENDER:**

- Complete items 1 and 2 for registered 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 Addressee to:  
*Richard Piper, ES  
 Fla. Power & Light  
 PO Box 088801, 91  
 N. Palm Beach, 33408*

4a. Article Number:  
*P 339 251 129*

4b. Service Type

Registered  Insured

Certified  COD

Registered Mail  Return Receipt for Merchandise

7. Date of Delivery

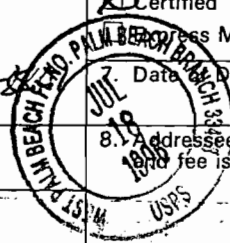
8. Addressee's Address (Only if requested fee is paid)

5. Signature (Addressee)

6. Signature (Agent)  
*Alan Sauters*

PS Form 3811, December 1991 U.S. GPO: 1993-352-714

Thank you for using Return Receipt Service.



P 339 251 129

US Postal Service  
**Receipt for Certified Mail**  
 No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

Sent to	<i>Richard Piper</i>	
Street & Number	<i>FPE L</i>	
Post Office, State, & ZIP Code	<i>N Palm Bch, FL</i>	
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		
<b>TOTAL Postage &amp; Fees</b>	\$	
Postmark or Date	<i>PSD-FH45 7-16-96</i>	

PS Form 3800, April 1995

**Memorandum**

**Florida Department of  
Environmental Protection**

*AL*  
*IS* *7/9*  
*CLM*

TO: Clair Fancy

FROM: Al Linero *alaf 7/9*

DATE: July 9, 1996

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

Attached for your review and signature is an amendment incorporating the conditions of our Guidance DARM-EM-05, "Rate of Operation During Compliance Testing," into the Lauderdale PSD permit. They publicly noticed this item and we received no comments.



June 10, 1996

**RECEIVED**

JUN 13 1996

Mr. A.A. Linero, P.E., Administrator  
Bureau of Air Permitting  
State of Florida  
Department of Environmental Protection  
2600 Blair Stone Road, MS 48  
Tallahassee FL 32399-2400

BUREAU OF  
AIR REGULATION

**Re: FPL Lauderdale Plant**  
**Proof of Publication - Modification to PSD Permit #PSD-FL-145**

Dear Mr. Linero:

Enclosed please find one copy of the proof of publication of the subject permit modification Notice of Intent to Issue Permit Amendment. Please continue processing the subject permit amendment. Thank-you again for your assistance in this matter.

If you have any questions regarding this amendment, please do not hesitate to contact me at (561) 625-7661.

Very truly yours,

A handwritten signature in cursive script that reads "Richard Piper".

Richard Piper  
Environmental Specialist  
Florida Power & Light Company

cc: Hamilton Oven    FDEP - Tallahassee  
    Joe Kahn         FDEP - West Palm Beach

SUN-SENTINEL  
PUBLISHED DAILY  
FORT LAUDERDALE, BROWARD COUNTY, FLORIDA  
BOCA RATON, PALM BEACH COUNTY, FLORIDA  
MIAMI, DADE COUNTY, FLORIDA

STATE OF FLORIDA  
COUNTY OF BROWARD/PALM BEACH/DADE  
BEFORE THE UNDERSIGNED AUTHORITY PERSONALLY APPEARED

*Arif J. Whaley* WHO ON OATH SAYS THAT  
HE/SHE IS A DULY AUTHORIZED REPRESENTATIVE OF THE  
CLASSIFIED DEPARTMENT OF THE SUN-SENTINEL, DAILY  
NEWSPAPER PUBLISHED IN BROWARD/PALM BEACH/DADE COUNTY,  
FLORIDA THAT THE ATTACHED COPY OF ADVERTISEMENT, BEING A

NOTICE OF INTENT

IN THE MATTER OF

TURBINES

IN THE CIRCUIT COURT, WAS PUBLISHED IN SAID NEWSPAPER IN  
THE ISSUES OF

C , 06/06, 1 X

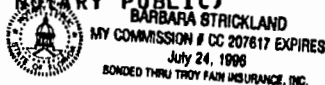
6434

AFFIANT FURTHER SAYS THAT THE SAID SUN-SENTINEL IS A  
NEWSPAPER PUBLISHED IN SAID BROWARD/PALM BEACH/DADE  
COUNTY, FLORIDA, AND THAT THE SAID NEWSPAPER HAS HERETOFORE  
BEEN CONTINUOUSLY PUBLISHED IN SAID BROWARD/PALM BEACH/DADE  
COUNTY, FLORIDA, EACH DAY, AND HAS BEEN ENTERED AS SECOND  
CLASS MATTER AT THE POST OFFICE IN FORT LAUDERDALE, IN SAID  
BROWARD COUNTY, FLORIDA, FOR A PERIOD OF ONE YEAR NEXT  
PRECEDING THE FIRST PUBLICATION OF THE ATTACHED COPY OF  
ADVERTISEMENT; AND AFFIANT FURTHER SAYS THAT HE/SHE HAS  
NEITHER PAID NOR PROMISED ANY PERSON, FIRM OR CORPORATION  
ANY DISCOUNT, REBATE, COMMISSION OR REFUND FOR THE PURPOSE  
OF SECURING THIS ADVERTISEMENT FOR PUBLICATION IN SAID  
NEWSPAPER.

*Arif J. Whaley*  
.....  
(SIGNATURE OF AFFIANT)

SWORN TO AND SUBSCRIBED BEFORE ME  
THIS 06 DAY OF JUNE  
A.D. 1996

*Barbara Strickland*  
.....  
(SIGNATURE OF NOTARY PUBLIC)



.....  
(NAME OF NOTARY TYPED, PRINTED OR STAMPED)

PERSONALLY KNOWN ..... OR

PRODUCED IDENTIFICATION .....

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION  
NOTICE OF INTENT  
TO ISSUE PERMIT AMENDMENT

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 08880, North Palm Beach, Florida 33408-8801 to incorporate Department Guidelines "Plan 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 85-100 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 3600 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 asserted 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 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 28-5.207, 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 Dr., Suite 4  
Tallahassee, FL 32301  
Contact: A.A. Lino (904) 488-1344  
Department of Environmental Protection  
Southeast District  
400 N. Congress Ave.  
W. Palm Beach, FL 33401  
Broward County DNR  
218 S.W. First Ave.  
Ft. Lauderdale, FL 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 Big 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.  
June 8, 1996



RECEIVED

3755

231030



APR 09 1996

MAILROOM # 2

FPL

Florida Power & Light Company, P.O. Box 088801, North Palm Beach, FL 33408-8801

2222

*Per  
Mr. Fancy*

March 28, 1996

Mr. Clair Fancy, Chief  
Bureau of Air Permitting  
State of Florida Department of Environmental Protection  
2600 Blair Stone Road, MS 48  
Tallahassee FL 32399-2400

Re: **FPL Lauderdale Plant**  
**Modification to PSD Permit #PSD-FL-145 and Site Certification #PA 89-6636**

Dear Clair:

This correspondence is to request a modification to the subject PSD permit to incorporate the language in a recent Division of Air Resources Management Guidance Document. A check in the amount of \$250 is included pursuant to Rule 62-4.050(4)(q)5.

Please note that pursuant to the pending modification to the Lauderdale Site Certification, slated to occur the first week of April, 1996, FPL requests that these changes also be automatically incorporated into the Conditions of Certification (PA 89-6636) for the Lauderdale facility, in accordance with that pending modification.

**DARM Guidance Document**

The DEP Division of Air Resources Management (DARM) issued a guidance document on December 1, 1995 entitled "Rate of Operation During Compliance Testing for Combustion Turbines". Contained within that memo is language which is required to be inserted in air operating permits, if a permittee desires to utilize ambient temperature curves for compliance testing purposes. Accordingly, FPL hereby requests that the following Specific Condition be inserted in the Lauderdale PSD permit (new Specific Condition #23) and Site Certification (new Specific Condition #I.A.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."**

If you have any questions regarding this modification request, please do not hesitate to contact me at (407) 625-7661.

Very truly yours,

A handwritten signature in black ink, appearing to read "Richard Piper". The signature is written in a cursive, flowing style.

Richard Piper  
Environmental Specialist  
Florida Power & Light Company

cc: Hamilton Oven    FDEP - Tallahassee  
      Joe Kahn        FDEP - West Palm Beach

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and 2.
- 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):

1.  Addressee's Address
2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Richard Piper, ES  
Fla. Power & Light  
PO BOX 088801,  
N. Palm Beach, FL  
33408

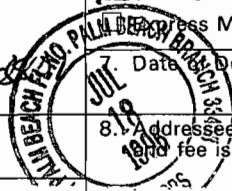
4a. Article Number

P 339 251 129

4b. Service Type

- Registered
- Certified
- Insured
- COD
- Return Receipt for Merchandise

7. Date of Delivery



5. Signature (Addressee)

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

6. Signature (Agent)

*Alvin Secretary*

PS Form 3811, December 1991

U.S. GPO: 1993-352-714

**DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

P 339 251 129

US Postal Service

**Receipt for Certified Mail**

No Insurance Coverage Provided.

Do not use for International Mail (See reverse)

Sent to		Richard Piper
Street & Number		FPE L
Post Office, State, & ZIP Code		N 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, & Addressee's Address		
TOTAL Postage & Fees	\$	
Postmark or Date		PSD-F1145 7-16-96

PS Form 3800, April 1995

Florida Department of  
Environmental Protection

Memorandum

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AL  
IS. need  
Clm

TO: Clair Fancy

FROM: Al Linero *aaf 7/9*

DATE: July 9, 1996

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

Attached for your review and signature is an amendment incorporating the conditions of our Guidance DARM-EM-05, "Rate of Operation During Compliance Testing," into the Lauderdale PSD permit. They publicly noticed this item and we received no comments.

S U N - S E N T I N E L  
PUBLISHED DAILY  
FORT LAUDERDALE, BROWARD COUNTY, FLORIDA  
BOCA RATON, PALM BEACH COUNTY, FLORIDA  
MIAMI, DADE COUNTY, FLORIDA

STATE OF FLORIDA  
COUNTY OF BROWARD/PALM BEACH/DADE  
BEFORE THE UNDERSIGNED AUTHORITY PERSONALLY APPEARED

*[Signature]*  
..... WHO ON OATH SAYS THAT  
HE/SHE IS A DULY AUTHORIZED REPRESENTATIVE OF THE  
CLASSIFIED DEPARTMENT OF THE SUN-SENTINEL, DAILY  
NEWSPAPER PUBLISHED IN BROWARD/PALM BEACH/DADE COUNTY,  
FLORIDA THAT THE ATTACHED COPY OF ADVERTISEMENT, BEING A

NOTICE OF INTENT  
IN THE MATTER OF  
TURBINES

IN THE CIRCUIT COURT, WAS PUBLISHED IN SAID NEWSPAPER IN  
THE ISSUES OF  
C , 06/06, 1 X

64340070

AFFIANT FURTHER SAYS THAT THE SAID SUN-SENTINEL IS A  
NEWSPAPER PUBLISHED IN SAID BROWARD/PALM BEACH/DADE  
COUNTY, FLORIDA, AND THAT THE SAID NEWSPAPER HAS HERETOFORE  
BEEN CONTINUOUSLY PUBLISHED IN SAID BROWARD/PALM BEACH/DADE  
COUNTY, FLORIDA, EACH DAY, AND HAS BEEN ENTERED AS SECOND  
CLASS MATTER AT THE POST OFFICE IN FORT LAUDERDALE, IN SAID  
BROWARD COUNTY, FLORIDA, FOR A PERIOD OF ONE YEAR NEXT  
PRECEDING THE FIRST PUBLICATION OF THE ATTACHED COPY OF  
ADVERTISEMENT; AND AFFIANT FURTHER SAYS THAT HE/SHE HAS  
NEITHER PAID NOR PROMISED ANY PERSON, FIRM OR CORPORATION  
ANY DISCOUNT, REBATE, COMMISSION OR REFUND FOR THE PURPOSE  
OF SECURING THIS ADVERTISEMENT FOR PUBLICATION IN SAID  
NEWSPAPER.

*[Signature]*  
.....  
(SIGNATURE OF AFFIANT)

SWORN TO AND SUBSCRIBED BEFORE ME  
THIS 06 DAY OF JUNE  
A.D. 1996

*[Signature]*  
.....  
(SIGNATURE OF NOTARY PUBLIC)



BARBARA STRICKLAND  
MY COMMISSION # CC 207817 EXPIRES  
July 24, 1996  
BONDED THRU TROY PAIN INSURANCE, INC.

.....  
(NAME OF NOTARY TYPED, PRINTED OR STAMPED)

PERSONALLY KNOWN ..... OR  
PRODUCED IDENTIFICATION .....

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

**NOTICE OF INTENT  
TO ISSUE PERMIT AMENDMENT**

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 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 28-5.207, 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 Dr., Suite 4  
Tallahassee, FL 32301  
Contact: A.A. Linero (904) 488-1344  
Department of Environmental Protection  
Southeast District  
400 N. Congress Ave.  
W. Palm Beach, FL 33401  
Broward County DNRP  
218 S.W. First Ave.  
Ft. Lauderdale, FL 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.

June 8, 1998

# 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

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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:**

- Complete this form
- 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.

Additional services (i.e. extra fee):

- Addressee's Address
- Restricted Delivery

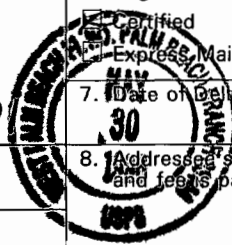
Consult postmaster for fee.

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  
 Certified  COD  
 Express Mail  Return Receipt for Merchandise

7. Date of Delivery



5. Signature (Addressee)

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

6. Signature (Agent)

*John [Signature]*

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 + L
City, State and ZIP Code	N 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