

P 339 251 150

US Postal Service
Receipt for Certified Mail

Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to	
Richard Piper	
Street & Number	
Fla. Power & Light	
Post Office, State, & ZIP Code	
N. Palm Bch, FL	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	Resending
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	9-6-96 PSD-FI-146(A)

PS Form 3800, April 1995

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1, and/or 2 for additional 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):

1. Addressee's Address

2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Richard Piper E.S.
Fla. Power & Light
P.O. Box 088801
N. Palm Bch, FL
33408-8801

4a. Article Number
P339 251 150

4b. Service Type

Registered Insured

Certified COD

Express Mail Return Receipt for Merchandise

5. Signature (Addressee)

6. Signature (Agent)

7. Date of Delivery

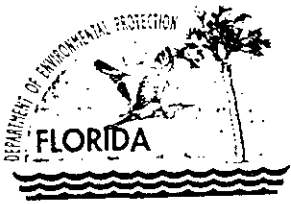
8. Addressee's Address (Only if requested and fee is paid)

SEP 9 1996
N. PALM BEACH, FL

PS Form 3811, December 1993 U.S. GPO: 1993-302-714

DOMESTIC RETURN RECEIPT

Thank you for using Return Receipt Service.



Lawton Chiles
Governor

Department of Environmental Protection

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

*Amended Final
PSD Permit Amendment
See page 4
13b
Corrected 15502
to 159002
Virginia B. Wetherell
Secretary*

September 6, 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 Martin Plant - PSD Permit Amendment
Rate of Operation During Compliance Testing
0850001-002-AC, 0850001-003-AC, PSD-FL-146(A)

The Department has reviewed your request of April 9 to incorporate Guidance DARM-EM-05, "Rate of Operation During Compliance Testing for Combustion Turbines (attached)," to eliminate redundant testing requirements, and to allow flexibility in testing for Volatile Organic Compounds (VOCs) within the PSD permit applicable to the FPL Martin Power Plant. The permit is amended as follows:

Specific Condition 1

From:

1. The maximum heat input to each CT shall neither exceed 1966 MMBtu/hr while firing natural gas, nor 1846 MMBtu/hr while firing fuel oil (@ 40°F). For coal derived gas firing the maximum heat input to each CT shall not exceed 2100 MMBtu/hr (@ 75°F). These heat input limitations are subject to change. Any changes shall be provided at least 90 days before commercial operation for each fuel available to the site which a unit is capable of firing, at which time this condition may be modified to reflect those parameters. Each combined cycle unit's fuel consumption shall be continuously determined and recorded.

Mr. Richard Piper
September 6, 1996
Page Two

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Specific Condition 10.f.

From:

10. Initial (I) compliance tests shall be performed on each combustion turbine using both fuels. The stack test for each turbine shall be performed within 10% of the maximum heat input for the tested operating temperature. Annual (A) compliance tests shall be performed on each combustion turbine with the fuel(s) used for more than 400 hours in the preceding 12-month period. Tests shall be conducted using EPA reference methods in accordance with the November 2, 1989, version of 40 CFR 60 Appendix A:

f. 18 for VOC (I, A)

Mr. Richard Piper
September 6, 1996
Page Three

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f. 18 for VOC (I)

Specific Condition 13

From:

13. Continuous emission monitoring shall be installed, operated, and maintained in accordance with 40 CFR 60, Appendix F, for each combined cycle unit to monitor nitrogen oxides.

a. Each continuous emission monitoring system (CEMS) shall meet performance specifications of 40 CFR 60, Appendix B.

b. CEMS data shall be recorded and reported in accordance with Chapter 17-2, F.A.C., and 40 CFR 60. The record shall include periods of startup, shutdown and malfunction.

c. A malfunction means any sudden and unavoidable failure of air pollution control equipment or process equipment to operate in a normal or usual manner. Failures that are caused entirely or in part by poor maintenance, careless operation or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions.

d. The procedures under 40 CFR 60.13 shall be followed for installation, evaluation and operation of all CEMS.

e. For the purposes of reports required under this certification, excess emissions are defined as any calculated average emission concentration, as determined pursuant to conditions No. II.A.18 herein, which exceeds the applicable emission limits in condition No. II.A.4.

Mr. Richard Piper
September 6, 1996
Page Four

To:

13. Continuous emission monitoring shall be installed, operated, and maintained in accordance with 40 CFR 75, for each combined cycle unit to monitor nitrogen oxides.

a. Each continuous emission monitoring system (CEMS) shall meet specifications of 40 CFR 75 Appendices A, B, and F.

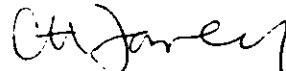
b. CEMS data shall be recorded and reported in accordance with 40 CFR 75 and 40 CFR 60.7. The excess emission report shall include periods of startup, shutdown and malfunction and shall be based on NO_x data corrected to 15% O₂ and 40 degrees F.

c. A malfunction means any sudden and unavoidable failure of air pollution control equipment or process equipment to operate in a normal or usual manner. Failures that are caused entirely or in part by poor maintenance, careless operation or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions.

d. For the purposes of reports required under this certification, excess emissions are defined as any calculated average emission concentration, as determined pursuant to conditions No. II.A.18 herein, which exceeds the applicable emission limits in Condition No. II.A.4.

A copy of this amendment letter shall be attached to and shall become a part of Permit PSD-FL-146.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



for

Howard L. Rhodes, Director
Division Air Resources
Management

Mr. Richard Piper
September 6, 1996
Page Five

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this PERMIT AMENDMENT was mailed by certified mail (*) and copies were mailed by U.S. mail before the close of business on September 6, 1996 to the persons listed:

Mr. Richard Piper, FPL*
Ms. Jewell Harper, EPA
Mr. John Bunyak, NPS
Mr. Isidore Goldman, DEP
Mr. Hamilton Oven, PPS

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

Ken Jobe 9-6-96
(Clerk) (Date)

SENDER:

- Complete items 1 and/or 2 for additional 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 Addressed to:
 Richard Piper, Emw Sp.
 FLA Power & Light
 PO BOX 088801
 N. Palm Bch, FL

4a. Article Number
 P339 251 139

4b. Service Type

<input type="checkbox"/> Registered	<input type="checkbox"/> Insured
<input checked="" type="checkbox"/> Certified	<input type="checkbox"/> COD
<input type="checkbox"/> Express Mail	<input type="checkbox"/> Return Receipt for Merchandise

5. Signature (Addressee)
[Signature]

6. Signature (Agent)
[Signature]

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

8. Date of Delivery
 AUG 1998

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

DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 339 251 139

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>FPL</i>
Post Office, State, ZIP Code	<i>NPB, FL</i>
Postage	<i>S</i>
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	<i>S</i>
Postmark or Date	<i>Maxtin Perret</i>

3800 April 1995



Department of Environmental Protection

*Incorrect
See Sept 6-96*

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

August 9, 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 Martin Plant - PSD Permit Amendment
Rate of Operation During Compliance Testing
0850001-002-AC, 0850001-003-AC, PSD-FL-146(A)

The Department has reviewed your request of April 9 to incorporate Guidance DARM-EM-05, "Rate of Operation During Compliance Testing for Combustion Turbines (attached)," to eliminate redundant testing requirements, and to allow flexibility in testing for Volatile Organic Compounds (VOCs) within the PSD permit applicable to the FPL Martin Power Plant. The permit is amended as follows:

Specific Condition 1

From:

1. The maximum heat input to each CT shall neither exceed 1966 MMBtu/hr while firing natural gas, nor 1846 MMBtu/hr while firing fuel oil (@ 40°F). For coal derived gas firing the maximum heat input to each CT shall not exceed 2100 MMBtu/hr (@ 75°F). These heat input limitations are subject to change. Any changes shall be provided at least 90 days before commercial operation for each fuel available to the site which a unit is capable of firing, at which time this condition may be modified to reflect those parameters. Each combined cycle unit's fuel consumption shall be continuously determined and recorded.

Mr. Richard Piper
August 9, 1996
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From:

10. Initial (I) compliance tests shall be performed on each combustion turbine using both fuels. The stack test for each turbine shall be performed within 10% of the maximum heat input for the tested operating temperature. Annual (A) compliance tests shall be performed on each combustion turbine with the fuel(s) used for more than 400 hours in the preceding 12-month period. Tests shall be conducted using EPA reference methods in accordance with the November 2, 1989, version of 40 CFR 60 Appendix A:

f. 18 for VOC (I, A)

Mr. Richard Piper
August 9, 1996
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f. 18 for VOC (I)

Specific Condition 13

From:

13. Continuous emission monitoring shall be installed, operated, and maintained in accordance with 40 CFR 60, Appendix F, for each combined cycle unit to monitor nitrogen oxides.

a. Each continuous emission monitoring system (CEMS) shall meet performance specifications of 40 CFR 60, Appendix B.

b. CEMS data shall be recorded and reported in accordance with Chapter 17-2, F.A.C., and 40 CFR 60. The record shall include periods of startup, shutdown and malfunction.

c. A malfunction means any sudden and unavoidable failure of air pollution control equipment or process equipment to operate in a normal or usual manner. Failures that are caused entirely or in part by poor maintenance, careless operation or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions.

d. The procedures under 40 CFR 60.13 shall be followed for installation, evaluation and operation of all CEMS.

e. For the purposes of reports required under this certification, excess emissions are defined as any calculated average emission concentration, as determined pursuant to conditions No. II.A.18 herein, which exceeds the applicable emission limits in condition No. II.A.4.

Mr. Richard Piper
August 9, 1996
Page Four

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a. Each continuous emission monitoring system (CEMS) shall meet specifications of 40 CFR 75 Appendices A, B, and F.

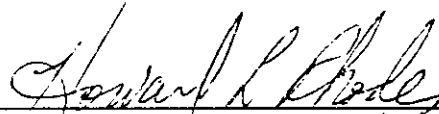
b. CEMS data shall be recorded and reported in accordance with 40 CFR 75 and 40 CFR 60.7. The excess emission report shall include periods of startup, shutdown and malfunction and shall be based on NO_x data corrected to 155 O₂ and 40 degrees F.

c. A malfunction means any sudden and unavoidable failure of air pollution control equipment or process equipment to operate in a normal or usual manner. Failures that are caused entirely or in part by poor maintenance, careless operation or any other preventable upset condition or preventable equipment breakdown shall not be considered malfunctions.

d. For the purposes of reports required under this certification, excess emissions are defined as any calculated average emission concentration, as determined pursuant to conditions No. II.A.18 herein, which exceeds the applicable emission limits in Condition No. II.A.4.

A copy of this amendment letter shall be attached to and shall become a part of Permit PSD-FL-146. -

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



Howard L. Rhodes, Director
Division Air Resources
Management

Mr. Richard Piper
August 9, 1996
Page Five

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this **PERMIT AMENDMENT** was mailed by certified mail (*) and copies were mailed by U.S. mail before the close of business on 8-14-96 to the persons listed:

Mr. Richard Piper, FPL*
Ms. Jewell Harper, EPA
Mr. John Bunyak, NPS
Mr. Isidore Goldman, DEP
Mr. Hamilton Oven, PPS

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

Keri Jobe
(Clerk)

8-14-96
(Date)

Florida Department of
Environmental Protection

Memorandum

al

TO: Howard Rhodes

THRU Clair Fancy *cc'd for CHF 8/9*

FROM: Al Linero *Al Linero 8/7*

DATE: August 7, 1996

SUBJECT: FPL Martin Plant - PSD Permit Amendment
Rate of Operation During Compliance Testing
08500001-002 & 003-AC, PSD-FL-146 (A)

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 FPL Martin Plant PSD permit. We are also getting rid of some redundant CEMS conditions so they can use their Part 75 devices to take care of their obligations for other purposes. They publicly noticed this item and we received no comments.



The Stuart News and The Port St. Lucie News

(an edition of The Stuart News)

RECEIVED

AUG 5 1996

STATE OF FLORIDA
COUNTY OF MARTIN; COUNTY OF ST. LUCIE;

BUREAU OF
AIR REGULATION

Before the undersigned authority appeared KATHLEEN N
PRITCHARD who on oath says that he/she ACCTS REC
MANAGER of The Stuart News, and The Port St. Lucie News,

a daily newspaper Published at Stuart in Martin County, Florida,
that the attached copy of advertisement, being a _____

NOTICE OF INTENT TO ISSUE PERMIT

in the matter of FLORIDA POWER AND LIGHT COMPANY

in the _____ Court, was Published in The
Stuart-News and The Port St. Lucie News in the issues of _____
JUNE 16, 1996

Affiant further says that the said The Stuart News and The Port St. Lucie News is a newspaper published at Stuart, in said Martin County, Florida with offices and paid circulation in Martin County, Florida, and St. Lucie County, Florida and that the said newspapers have heretofore been continuously published in said Martin County, Florida and distributed in Martin County, Florida and St. Lucie 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 the said newspaper. The Stuart News has been entered as second class matter at the post office in Stuart, Martin County, Florida, and Ft. Pierce, St. Lucie County, Florida and has been for a period of one year next preceding the first publication of the attached copy of advertisement.

Kathleen N Pritchard

Sworn to and subscribed before me

Catherine Hudson
CATHERINE HUDSON
Notary Public - State of Florida
My Commission Expires April 19, 2000
Notary Public

DEPARTMENT OF
ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE
PERMIT AMENDMENT
PSD-FL-146(A)
0850001-002/3-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," to eliminate redundant emission test requirements, and to allow flexibility in testing for Volatile Organic Compounds (VOC) within 3 and 4 at the FPL Martin Power Plant, west of Indiantown, Martin 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 will eliminate the annual VOC test requirement because historical tests using various sampling methods have shown undetectable levels or levels below the minimum detectable limits for the methods employed. The results are well below the permitted value of 6 parts per million.

The Department has determined that there will be no significant increases in emissions as a result of this 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, Hall Station 25, 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 Form 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 rule requires 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 petition 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 6002.010, 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

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

Any person may send written