



**FPL**  
December 21, 1992

Mr. Thomas Tittle, Environmental Manager  
State of Florida Department of Environmental Regulation  
Southeast Florida District  
1900 South Congress Avenue, Suite A  
West Palm Beach, Florida 33406

**RE: Florida Power & Light Company  
Martin Power Plant - Unit 1  
Notification of CEMS Upgrade and Performance Certification Testing**

Dear Mr. Tittle:

On December 21, 1992, I informed Mr. Eric Peterson of your staff that FPL plans to upgrade the Unit 1 continuous emissions monitoring system (CEMS) by installing a sulfur dioxide (SO<sub>2</sub>) monitor. The SO<sub>2</sub> CEM will be required by the construction permit and air operating permit modifications currently being processed by the Tallahassee air permitting staff which will allow FPL to co-fire 1.0 percent sulfur fuel oil and natural gas in Unit 1.

The performance certification tests (calibration drift and relative accuracy tests) will be conducted in accordance with 40 CFR 60, Appendix B, Performance Specifications 2 and 3, as amended. The calibration drift testing has been scheduled for January 19-27, 1993. The relative accuracy testing has been scheduled for January 27, 1993 between 7:30 a.m. to 5:00 p.m.. Based on my discussion with Mr Peterson on December 21, 1992, it is my understanding that the 30-day notification requirement under 40 CFR 60.7(a)(5) for the CEMS performance certification tests is waived and Florida DER has been given sufficient notice to witness those tests.

If you have any questions regarding this matter, please contact me at (407) 625-7635.

Sincerely,

Daniel R. Adams  
Environmental Specialist  
Florida Power & Light Company

DRA:jm

cc: Willard Hanks - Florida DER Tallahassee  
Eric Peterson - Florida DER Southeast District

JIM FENNINGTON, 1-19-93

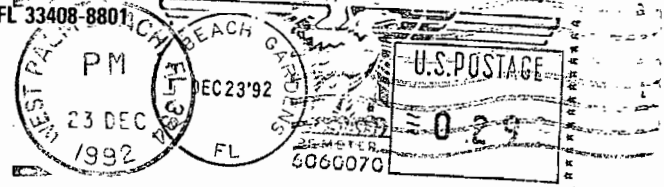
RECEIVED

DEC 28 1992

Division of Air  
resources Management



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



Mr. Willard Hanks  
State of Florida  
Department of Environmental Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399

/





FPL

December 1, 1992

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

Mr. Preston Lewis, Supervisor  
Permitting and Standards Section  
State of Florida  
Department of Environmental Regulation  
Bureau of Air Quality Management  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

**RE: Florida Power & Light Company  
Martin Power Plant - Units 1 and 2  
Amendment of Air Construction and Operating Permits**

Dear Mr. Lewis:

In response to Mr. C. H. Fancy's letter of October 1, 1992 to Mr. Charles D. Henderson, FPL offers the following comments on the Florida DER's proposed amendments to the referenced permits.

Intent to Issue Document:

Page 1 - Please note that FPL's Environmental Affairs Department's new mailing address is:

11770 U. S. Highway One  
4th Floor (Mail Drop JEN/GB)  
P.O. Box 088801  
North Palm Beach, Florida 33408-8801

Notice of Intent to Issue Modifications to Permits:

Page 1, Paragraph 1, lines 7 and 8 - Should read "1.0% sulfur and natural gas in a ratio that would result in a sulfur dioxide emissions rate of 0.80 pound per million Btu heat input. As this is..."

FPL proposes to publish the notice with the corrections noted above unless the Department advises otherwise.

Draft Letter Dated October 9, 1992 Transmitting Permit Amendments for Martin Plant Units 1 and 2:

Page 1 - Note change in FPL Environmental Affairs Department's mailing address:

Construction Permit Proposed Modifications (page 3):

The following changes to the Florida DER proposed modifications to the construction permits for Martin Plant Units 1 and 2 are recommended.

RECEIVED

DEC 07 1992

Source Description - The source description should read as follows:

"An air pollution source consisting of a 800 MW class fossil fuel-fired steam generator unit (900 MW gross capacity) equipped with low NO<sub>x</sub> dual fuel firing burners to reduce emissions of nitrogen oxides; and multicyclones to control particulate matter emissions. The unit burns low sulfur fuel oil containing a maximum of 0.7% sulfur (by weight), natural gas, or a mixture of low sulfur fuel oil containing a maximum of 1.0% sulfur (by weight) and natural gas in a ratio that will result in a maximum sulfur dioxide emissions rate of 0.80 pound per million Btu heat input. In addition, the unit has a continuous emission monitoring system for opacity, nitrogen oxides, and sulfur dioxide. The unit's heat input is 8,650 MMBtu/hr on oil, 8,770 MMBtu/hr on a blend of fuel oil (70 percent) and natural gas (30 percent), and 9,040 MMBtu/hr on natural gas.

Construction Permits' Expiration Date - Should be changed from February 1, 1982 and February 1, 1983 to November 29, 1994 to coincide with the expiration dates for the Units 1 and 2 air operating permits.

Construction Permit Specific Condition 5 - Should be deleted since specific conditions 1, 3, 5 and 6 of the air operating permit covers the requirement for compliance testing.

Construction Permit Specific Condition 7 - Should be deleted since specific condition 6 of the air operating permit covers the provision for special purpose testing upon DER's request and justification.

Construction Permit Specific Condition 9 - Should be deleted since this condition pertains to the start-up requirements for the generating unit. Units 1 and 2 have already met this condition when construction was completed and the units were brought on line.

In general, we believe it would be best to delete all of the construction permit specific conditions relating to air quality and reference the appropriate air operating permit specific conditions in their place within the construction permits.

Operating Permit Proposed Modifications (pages 3-4):

The following changes to the proposed modifications to the Florida DER air operating permits for Martin Plant Units 1 and 2 are recommended.

Source Description - The source description should read as follows:

"An air pollution source consisting of a 800 MW class fossil fuel-fired steam generator unit (900 MW gross capacity) equipped with low NO<sub>x</sub> dual fuel firing burners to reduce emissions of nitrogen oxides; and multicyclones to control particulate matter emissions. The unit burns low sulfur fuel oil containing a maximum of 0.7% sulfur (by weight), natural gas, or a mixture of low sulfur fuel oil containing a maximum of 1.0% sulfur (by weight) and natural gas in a ratio that will result in a maximum sulfur dioxide emissions rate of 0.80 pound per million Btu heat input. In addition, the unit has a continuous emission monitoring system for opacity, nitrogen oxides, and sulfur dioxide. The unit's heat input is 8,650 MMBtu/hr on oil, 8,770 MMBtu/hr on a blend of fuel oil (70 percent) and natural gas (30 percent), and 9,040 MMBtu/hr on natural gas.

Specific Condition 5 - Should read as follows;

"Until such time when the Environmental Protection Agency (EPA) promulgates final rules regarding fuel sampling and test methods, the Department will accept the current fuel sampling and analysis program, provided that daily samples are composited and analyzed for sulfur content on a monthly basis to demonstrate compliance with the fuel oil sulfur content limits. Monthly reports shall be submitted to the Department no later than thirty (30) days after the end of the month in which the samples were collected."

"The permittee shall be allowed 90 days after promulgation of fuel sampling and analysis methods to implement an EPA approved method of monitoring sulfur dioxide emissions either by fuel sampling and analysis or continuous in-stack monitoring or other methods as approved under the provisions of 40 CFR 60.45."

Specific Condition 6 - Should read as follows:

"The Department may, after reviewing the quarterly opacity, nitrogen oxides, or sulfur dioxide excess emissions reports, require the Permittee to perform testing in accordance with reference methods 5, 6, 7, and/or 9 or other alternate test procedures approved by the Department. The Department will notify the Permittee of such requests, as well as the objective for such testing. At the request of the Permittee, the Department will take into account any potential instrument error or malfunction before requiring the scheduling of tests. Substantive violations, as verified by reference method testing, are subject to appropriate legal action; moreover, repetitive violations shall require the Permittee to revise operating and/or maintenance practices to abate these violations."

If you have any questions regarding our recommended changes to the proposed permit modifications, please contact me at (407) 625-7635.

Sincerely,



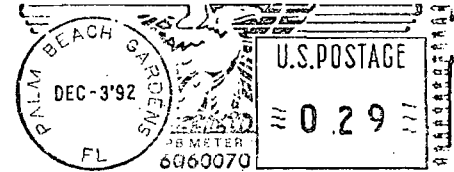
Daniel R. Adams  
Environmental Specialist  
Florida Power & Light Company

DRA:jm

cc: Willard Hanks - Florida DER Tallahassee  
Tom Tittle - Florida DER Southeast District



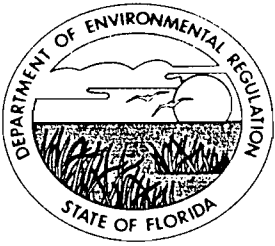
Florida Power & Light Company, P. O. Box 088801, North Palm Beach, FL 33408-8801



12/03/92 WEST PALM BEACH FL 33406

Mr. William Hanks  
State of Florida  
Department of Environmental Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399





# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

December 23, 1992

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Charles D. Henderson  
Environmental Affairs Department  
Florida Power and Light Company  
P. O. Box 078768  
West Palm Beach, Florida 33407-0768

Dear Mr. Henderson:

Attached is one copy of the updated proposed revision to the permits package for Units 1 and 2 at the Martin Power Plant.

Your concerns about conditions 5, 7, and 9 of the construction permits are moot issues since the permits will not be reissued and the expiration dates will not be extended.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Preston Lewis of the Bureau of Air Regulation.

Sincerely,

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

CHF/WH/plm

Attachments

cc: S. Brooks, SED

PN  
1/6/93  
Undermountain News

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

CERTIFIED MAIL

In the Matter of  
Modifications for Permits by:

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

DER File No. AC 43-4037  
AC 43-4038  
AO 43-170568  
AO 43-170567  
Martin County

INTENT TO ISSUE

The Department of Environmental Regulation gives notice of its intent to issue amendments to the permits (copy attached) for the proposed project as detailed in the request for the files specified above.

The applicant, Florida Power & Light Company, applied on August 10, 1992, to the Department of Environmental Regulation for a modification to the referenced construction and operation permits for Units 1 and 2 at the Martin Power Plant. The modifications would allow the burning of a mixture of No. 6 fuel oil containing a maximum of 1.0% sulfur and natural gas in a ratio that would result in a maximum sulfur dioxide emission of 0.80 pounds per million Btu heat input, install sulfur dioxide continuous emissions monitors on Units 1 and 2, and store No. 6 fuel oil containing a maximum of 1.0% sulfur in an existing low sulfur fuel oil storage tank. The Martin Power Plant is located in Martin County near Indiantown, Florida.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes and Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that a construction permit is required for the proposed work.

Pursuant to Section 403.815, Florida Statutes and Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Modifications to Permits. 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 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide



proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, 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 permits.

The Department will issue the permits 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 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 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;
- (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 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



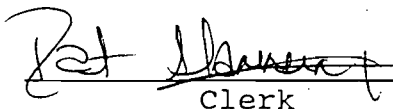
C. H. Fancy, P.E., Chief  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399  
904-488-1344

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 12-28-92 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.

  
Clerk

12-28-92  
Date

Copies furnished to:  
S. Brooks, SED

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF INTENT TO ISSUE MODIFICATIONS TO PERMITS

The Department of Environmental Regulation gives notice of its intent to issue modifications to the permits for Unit 1 (AC 43-4037 and AO 43-170568) and Unit 2 (AC 43-4038 and AO 43-170567) to Florida Power & Light Company's Martin Power Plant in Martin County near Indiantown, Florida. The modifications will authorize the company to burn a mixture of No. 6 fuel oil containing a maximum of 1.0% sulfur and natural gas in a ratio that would result in a sulfur dioxide emissions rate of 0.80 pounds per million Btu heat input. As this is the current emission standard for these units, there will be no increase in allowable sulfur dioxide emissions. The ambient air impact of the emissions from this plant are unchanged. A determination of Best Available Control Technology (BACT) is not required for this modification. The Department is issuing this Intent to Issue Modifications to Permits to satisfy the federal enforceability requirements.

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, 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

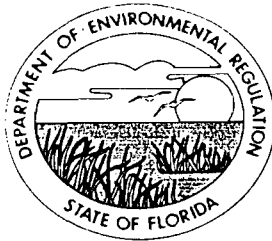
designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party 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 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 Regulation  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Department of Environmental Regulation  
Southeast District  
1900 S. Congress Ave., Suite A  
West Palm Beach, Florida 33406

Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.



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## Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

December 23, 1992

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Charles D. Henderson  
Environmental Affairs Department  
Florida Power and Light Company  
11770 U.S. Highway One  
4th Floor (Mail Drop JEN/GB)  
North Palm Beach, Florida 33408-8801

Dear Mr. Henderson:

Re: Amendment of Permits  
Martin Power Plant - Units 1 and 2

The Department is in receipt of Mr. Daniel Adams' August 6, 1992, letter requesting that the permits for Units 1 and 2 of the Martin Power Plant be amended and his December 1, 1992, letter commenting on our proposed amendments to these units. The requested amendments would allow these units to burn a blend of No. 6 fuel oil containing a maximum of 1.0% sulfur and natural gas in a ratio that will result in the sulfur dioxide emissions meeting the current standard of 0.80 pounds per million Btu heat input, install a sulfur dioxide continuous emission monitor on each unit, and use one of the existing 0.7% sulfur fuel oil storage tanks to store fuel oil containing 1.0% sulfur. This plant is located 6 miles northwest of Indiantown off Highway 710 in Martin County, Florida. This request is acceptable, with conditions, and the permits for these units are amended as follows:

FROM:

Unit 1 - Permit No. AC43-4037 and Unit 2 - Permit No. AC43-4038

Source Description: Steam generator unit #1 [and 2], producing 5,579 MMBtu/hr, burning max. of 0.7% sulfur Bunker "C" oil or natural gas.

Specific Condition No. 14: None in the original permits

Unit 1 - Permit No. AO43-170568 and Unit 2 - Permit No. AO43-170567

Source Description: An air pollution source consisting of a 800 MW Class Fossil Fuel Steam Generator Unit Number 1 [and 2] (900 megawatt gross capacity) equipped with Low NOx Dual Fuel

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Firing Burners to reduce emissions of nitrogen oxides; and multicyclones to control particulate emissions. The unit burns low sulfur fuel oil and natural gas to control sulfur dioxide emissions. In addition, the unit has a continuous emission monitoring system for opacity and  $\text{NO}_x$ . The unit's heat input is 8,650 MMBtu/hr on oil and 9,040 MMBtu/hr on natural gas.

Specific Condition No. 2: Emission limiting standards are as follows:

In accordance with 40 CFR 60 Subpart D and Florida Administrative Code Rule 17-2.660:

Pollutant	Emission Limit
Particulate Matter	0.10 lb. per million Btu heat input
Sulfur Dioxide	0.80 lb. per million Btu heat input
Nitrogen Oxides	0.30 lb. per million Btu heat input on oil 0.20 lb. per million Btu heat input on gas
Opacity	Not greater than 20 percent, except one six-minute period per hour of not more than 27 percent opacity.

Specific Condition No. 5: Until such time when the Environmental Protection Agency (EPA) promulgates final rules regarding fuel sampling and test methods, the Department will accept the current fuel analysis program, provided that daily samples are composited and analyzed for sulfur content every seven (7) operating days, to demonstrate compliance with the 0.80 lb.  $\text{SO}_2$  per million Btu based on the monthly composite. Monthly reports shall be submitted to the Department no later than thirty (30) days after the end of the month.

The permittee shall be allowed 90 days after promulgation of fuel sampling and analysis methods to implement an EPA approved method of monitoring  $\text{SO}_2$  emissions either by fuel sampling and analysis or continuous in-stack monitoring or other methods as approved under the provisions of 40 CFR 60.45.

Specific Condition No. 6: The Department may, after reviewing FPL's quarterly excess emission reports, require the Permittee to conduct Method 9 testing. The Department will notify FPL of such request, as well as the objective for such testing. At the request of the Permittee, the Department will take into

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account any potential instrument error or malfunction before requiring the scheduling of tests. Substantive opacity violations, as verified by Method 9, are subject to appropriate legal action; moreover, repetitive violations shall require the Permittee to revise operating and/or maintenance practice to abate these violations.

TO:

Unit 1 - Permit No. AC43-4037 and Unit 2 - Permit No. AC43-4038

Source Description: An air pollution source consisting of a 800 MW Class Fossil Fuel-Fired Steam Generator Unit (900 megawatt gross capacity) equipped with Low NOx Dual Fuel Firing Burners to reduce emissions of nitrogen oxides; and multicyclones to control particulate matter emissions. The unit burns low sulfur fuel oil containing a maximum of 0.7% sulfur (by weight), natural gas, or a mixture of low sulfur fuel oil containing a maximum of 1.0% sulfur (by weight) and natural gas in a ratio that will result in a maximum sulfur dioxide emission rate of 0.80 lbs/MMBtu heat input. In addition, the unit has a continuous emission monitoring system for opacity, NO<sub>x</sub>, and sulfur dioxide. The unit's heat input is 8,650 MMBtu/hr on oil and 9,040 MMBtu/hr on natural gas. When a blend of fuel oil and natural gas are burned, the heat input is prorated based on the percent heat input of each fuel.

Specific Condition No. 14 (New): Prior to burning a blend of No. 6 fuel oil containing above 0.7 percent sulfur to a maximum of 1.0 percent sulfur, the permittee shall install, calibrate, maintain, and operate a continuous emissions monitor for sulfur dioxide that meets the Performance Specification 2 of 40 CFR 60, Appendix B (July 1, 1992).

Unit 1 - Permit A043-170568 and Unit 2 - Permit A043-170567

Source Description: An air pollution source consisting of a 800 MW Class Fossil Fuel Steam Generator Unit (900 megawatt gross capacity) equipped with Low NOx Dual Fuel-Fired Burners to reduce emissions of nitrogen oxides; and multicyclones to control particulate matter emissions. The unit burns low sulfur fuel oil containing a maximum of 0.7% sulfur (by weight), natural gas, or a mixture of low sulfur fuel oil containing a maximum of 1.0% sulfur (by weight) and natural gas in a ratio that will result in a maximum sulfur dioxide emission rate of 0.80 lbs/MMBtu heat input. In addition, the

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unit has a continuous emission monitoring system for opacity, nitrogen oxides, and sulfur dioxide. The unit's heat input is 8,650 MMBtu/hr on oil and 9,040 MMBtu/hr on natural gas. When a blend of fuel oil and natural gas are burned, the heat input is prorated based on the percent heat input of each fuel.

Specific Condition No. 2: Emission limiting standards are as follows:

In accordance with 40 CFR 60 Subpart D and Florida Administrative Code Rule 17-2.660:

Pollutant	Emission Limit
Particulate Matter	0.10 lb per million Btu heat input and 865* lbs/hr
Sulfur Dioxide	0.80 lb per million Btu heat input and 6,920 lbs/hr
Nitrogen Oxides	0.30 lb per million Btu heat input on oil and 2,595 lbs/hr 0.20 lb per million Btu heat input on gas and 1,808 lbs/hr lb per million Btu heat input on fuel blend is prorated and 2,595 lbs/hr
Opacity	Not greater than 20 percent, except one six-minute period per hour of not more than 27 percent opacity

\*On 100 percent oil

Specific Condition No. 5: Until such time when the Environmental Protection Agency (EPA) promulgates final rules regarding fuel sampling and test methods, the Department will accept the current fuel sampling and analysis program, provided that daily as fired fuel oil samples are composited and analyzed for sulfur content on a monthly basis to demonstrate compliance with the fuel oil sulfur content limits. Quarterly reports containing the results of monthly sampling and analysis shall be submitted to the Department no later than thirty (30) days after the end of each quarter.

The permittee shall be allowed 90 days after promulgation of fuel sampling and analysis methods to implement an EPA approved method of monitoring sulfur dioxide emissions either by fuel sampling and analysis or continuous in-stack monitoring or other methods as approved under the provisions of 40 CFR 60.45.



Mr. Charles D. Henderson  
Martin Power Plant Amendment  
Page 5

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Specific Condition No. 6: The Department may, after reviewing the quarterly opacity, nitrogen oxides, or sulfur dioxide excess emission reports, require the Permittee to perform testing in accordance with reference Method 5, 6, 7, and/or 9 or alternate test methods approved by the Department. The Department will notify the Permittee of such request, as well as the objective for such testing. At the request of the Permittee, the Department will take into account any potential instrument error or malfunction before requiring the scheduling of tests. Substantive violations, as verified by reference method testing, are subject to appropriate legal action; moreover, repetitive violations shall require the Permittee to revise operating and/or maintenance practice to abate these violations.

A copy of this letter shall be filed with the referenced permits and shall become a part of those permits.

Sincerely,

Howard L. Rhodes  
Director  
Division of Air Resources  
Management

HLR/WH/plm

cc: S. Brooks, SED  
T. Tittle, SED

HOPPING BOYD GREEN & SAMS

ATTORNEYS AND COUNSELORS

123 SOUTH CALHOUN STREET

POST OFFICE BOX 6526

TALLAHASSEE, FLORIDA 32314

(904) 222-7500

FAX (904) 224-8551

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JAMES S. ALVES  
BRIAN H. BIBEAU  
KATHLEEN BLIZZARD  
ELIZABETH C. BOWMAN  
WILLIAM L. BOYD, IV  
RICHARD S. BRIGHTMAN  
PETER C. CUNNINGHAM  
THOMAS M. DeROSE  
WILLIAM H. GREEN  
WADE L. HOPPING  
FRANK E. MATTHEWS  
RICHARD D. MELSON  
WILLIAM D. PRESTON  
CAROLYN S. RAEPPLE  
GARY P. SAMS  
ROBERT P. SMITH  
CHERYL G. STUART

C. ALLEN CULP, JR.  
RALPH A. DeMEO  
JONATHAN S. FOX  
JAMES C. GOODLETT  
GARY K. HUNTER, JR.  
DALANA W. JOHNSON  
RICHARD W. MOORE  
ANGELA R. MORRISON  
MARIBEL N. NICHOLSON  
LAURA BOYD PEARCE  
GARY V. PERKO  
MICHAEL P. PETROVICH  
DOUGLAS S. ROBERTS  
JULIE B. ROME  
KRISTIN C. RUBIN  
CECELIA C. SMITH

OF COUNSEL  
W. ROBERT FOKES

December 30, 1992

John Brown  
Bureau of Air Regulation  
Florida Department of Environmental  
Regulation  
2600 Blair Stone Road, Room 338  
Tallahassee, FL 32399-2400

Re: Florida Power & Light Company  
Martin Power Plant, Martin County  
Unit 1, Permit Nos. AC 43-4037 and AO 43-170568  
Unit 2, Permit Nos. AC 43-4038 and AO 43-170567

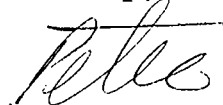
Dear John:

As we discussed, enclosed please find a slightly revised version of DER's Notice of Intent to amend the above referenced permits. I am also enclosing a "marked-up" version of DER's original notice which shows the changes that were made.

We have forwarded this notice to the Indiantown News for publication next Wednesday, January 6, 1992, and will forward the proof of publication to you as soon as we receive it.

If you have any questions on any of the enclosed, please give me a call.

Sincerely,

  
Peter C. Cunningham

/gbb

Enclosures

cc: Willard Hanks  
Dan Adams

RECEIVED

DEC 30 1992

Division of Air  
Resources Management

# HOPPING BOYD GREEN & SAMS

ATTORNEYS AND COUNSELORS

123 SOUTH CALHOUN STREET

POST OFFICE BOX 6526

TALLAHASSEE, FLORIDA 32314

(904) 222-7500

FAX (904) 224-8551

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MICHAEL P. PETROVICH  
DOUGLAS S. ROBERTS  
JULIE B. ROME  
KRISTIN C. RUBIN  
CECELIA C. SMITH

OF COUNSEL  
W. ROBERT FOKES

December 30, 1992

BY FEDERAL EXPRESS

Indiantown News  
Warfield Boulevard  
Indiantown, FL 34956

Attention Legal Ad Department

Dear Sir or Ma'am:

Enclosed please find a copy of a Notice of Intent to Amend Permits issued by the Florida Department of Environmental Regulation. This notice needs to be published in the legal ad section of your newspaper next Wednesday, January 6, 1992. Please furnish me with proof of publication as soon as possible and direct your invoice to my attention at the above address.

Thank you for your assistance in this matter.

Sincerely,



Gloria B. Barber  
Legal Assistant

/mee

Enclosure

cc: John Brown  
Willard Hanks  
Dan Adams

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF INTENT TO AMEND PERMITS

The Department of Environmental Regulation gives notice of its intent to issue amendments to the permits for Unit 1 (AC 43-4037 and AO 43-170568) and Unit 2 (AC 43-4038 and AO 43-170567) at Florida Power & Light Company's Martin Power Plant in Martin County near Indiantown, Florida. The amendments will authorize the company to burn a mixture of No. 6 fuel oil containing a maximum of 1.0% sulfur and natural gas in a ratio that would result in a sulfur dioxide emissions rate of 0.80 pounds per million Btu heat input. As this is the current emission standard for these units, there will be no increase in allowable sulfur dioxide emissions. The ambient air impact of the emissions from this plant are unchanged. A determination of Best Available Control Technology (BACT) is not required for these amendments. The Department is issuing this Intent to Amend Permits to satisfy the federal enforceability requirements.

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, 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 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 or 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 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 Regulation  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Department of Environmental Regulation  
Southeast District  
1900 S. Congress Ave., Suite A  
West Palm Beach, Florida 33406

Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF INTENT TO ~~ISSUE MODIFICATIONS TO~~ PERMITS  
AMEND

*amendments*  
The Department of Environmental Regulation gives notice of its intent to issue ~~modifications~~ to the permits for Unit 1 (AC 43-4037 and AO 43-170568) and Unit 2 (AC 43-4038 and AO 43-170567) ~~to~~ *at* Florida Power & Light Company's Martin Power Plant in Martin County near Indiantown, Florida. The ~~modifications~~ will authorize the company to burn a mixture of No. 6 fuel oil containing a maximum of 1.0% sulfur and natural gas in a ratio that would result in a sulfur dioxide emissions rate of 0.80 pounds per million Btu heat input. As this is the current emission standard for these units, there will be no increase in allowable sulfur dioxide emissions. The ambient air impact of the emissions from this plant are unchanged. A determination of Best Available Control Technology (BACT) is not required for ~~this modification~~. The Department is issuing this Intent to ~~Issue Modifications to~~ Permits to satisfy the federal enforceability ~~requirements~~. *Amend*  
*these amendments*

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, 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

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Department of Environmental Regulation  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Department of Environmental Regulation  
Southeast District  
1900 S. Congress Ave., Suite A  
West Palm Beach, Florida 33406

Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.

HOPPING BOYD GREEN & SAMS  
P.O. BOX 6526  
TALLAHASSEE, FL 32314

*from*

HOPPING BOYD GREEN & SAMS

ATTORNEYS AND COUNSELORS

123 SOUTH CALHOUN STREET

POST OFFICE BOX 6526

TALLAHASSEE, FLORIDA 32314

---

*To:* Willard Hanks  
Bureau of Air Regulation  
Florida Department of Environmental  
Regulation  
2600 Blair Stone Road, Room 338  
Tallahassee, FL 32399-2400



Best Available Copy.  
HOPPING BOYD GREEN & SAMS

ATTORNEYS AND COUNSELORS

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GARY P. SAMS  
ROBERT P. SMITH  
CHERYL G. STUART

January 11, 1993

Willard Hanks  
Florida Department of Environmental  
Regulation  
2600 Blair Stone Road, Room 338  
Tallahassee, Florida 32399-2400

Re: Florida Power & Light Company  
Martin Power Plant, Martin County  
Unit 1, Permit Nos. AC 43-4037 and AO 43-170568  
Unit 2, Permit Nos. AC 43-4038 and AO 43-170567

Dear Willard:

Enclosed please find a copy of the notice of intent to amend the above-referenced permits which was published in the Indiantown News on January 6, 1993. The certification of publication is in the upper right-hand corner of the page.

Sincerely,



Peter C. Cunningham

/gbb

cc: John Brown

Enclosure

*John Brown*  
*Goldman*

RECEIVED

JAN 11 1993

Division of Air  
Resources Management

LEGAL NOTICE LEGAL NOTICE

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF INTENT TO AMEND PERMITS

The Department of Environmental Regulation gives notice of its intent to issue amendments to the permits for Unit 1 (AC 43-4037 and AO 43-170568) and Unit 2 (AC 43-4038 and AO 43-170567) at Florida Power & Light Company's Martin Power Plant in Martin County near Indiantown, Florida. The amendments will authorize the company to burn a mixture of No. 6 fuel oil containing a maximum of 1.0% sulfur and natural gas in a ratio that would result in a sulfur dioxide emissions rate of 0.80 pounds per million Btu heat input. As this is the current emission standard for these units, there will be no increase in allowable sulfur dioxide emissions. The ambient air impact of the emissions from this plant are unchanged. A determination of Best Available Control Technology (BACT) is not required for these amendments. The Department is issuing this Intent to Amend Permits to satisfy the federal enforceability requirements.

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Department of Environmental Regulation
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Department of Environmental Regulation
Southeast District
1900 S. Congress Ave., Suite A
West Palm Beach, Florida 33406

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State of Florida  
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

# Interoffice Memorandum

TO: Howard L. Rhodes  
 FROM: C. H. Fancy  
 DATE: September 18, 1992  
 SUBJ: Amendments to Construction Permits  
 Florida Power & Light Company (FPL)

*Info  
 Joe Miller*

Attached for your approval and signature is a letter amending the permits for FPL Martin Power Plant that is located near Indiantown, Florida. Units 1 and 2 at this plant are currently allowed to burn fuel oil with 0.7% sulfur. The amendment will allow FPL to burn a mixture of fuel oil containing 1.0% sulfur and natural gas in a ratio that will emit the same quantity of sulfur dioxide produced from burning No. 6 fuel oil with 0.7% sulfur.

The Bureau recommends your approval and signature.

CHF/WH/plm

Attachment

*10-30-92  
 Asked est time  
 to request Henry's  
 proposal amending*

*1481  
 premature*

**HOPPING BOYD GREEN & SAMS**

**ATTORNEYS AND COUNSELORS**

123 SOUTH CALHOUN STREET

POST OFFICE BOX 6526

TALLAHASSEE, FLORIDA 32314

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JULIE B. ROME  
KRISTIN C. RUBIN  
CECELIA C. SMITH  
OF COUNSEL  
W. ROBERT FOXES

October 30, 1992

**BY HAND-DELIVERY**

Daniel H. Thompson, Esquire  
Office of General Counsel  
Florida Department of Environmental  
Regulation  
2600 Blair Stone Road, Room 654  
Tallahassee, Florida 32399-2400

**RECEIVED**

**OCT 30 1992**

Division of Air  
Resources Management

Re: Florida Power & Light Company  
Martin Power Plant - Units 1 and 2  
Amendments to Permit Nos. AC 43-4037; AC 43-4038  
AO 43-170568 and AO 43-170567, Martin County

Dear Mr. Thompson:

On October 21, 1992 Florida Power & Light Company (FPL) received proposed amendments to referenced air permits for its Martin Power Plant Units No. 1 and 2, located in Martin County, Florida. The proposed amendments were issued by the Department's Division of Air Resources Management. Pursuant to Florida Administrative Code Rule 17-103.155 and the notice of intent, FPL has until October 30, 1992 in which to file a petition for administrative proceedings regarding the proposed amendments.

On behalf of FPL, I hereby request, pursuant to F.A.C. Rule 17-103.070, an extension of an additional sixty (60) days to, and including, December 29, 1992, in which to file a petition for administrative proceedings regarding the proposed permit amendments. As good cause for granting the request for extension of time for filing, FPL states the following:

1. The proposed amendments include changes to four specific permit conditions as well as the source description section.

2. While the proposed amendments appear to be generally acceptable to FPL, additional time is needed to allow complete and detailed review by all affected FPL departments.

Daniel H. Thompson, Esquire  
October 30, 1992  
Page 2


3. If FPL determines that any of the proposed amendments require clarification or correction, FPL representatives will contact appropriate DARM staff to discuss this matter.

This request is filed simply as a protective measure to avoid waiver of FPL's right to challenge the proposed permit amendments. Grant of this request will not prejudice either party, but will further their mutual interest and likely avoid the need to initiate formal administrative proceedings.

I hereby certify that I have attempted without success to contact Pat Comer of the Department's Office of General Counsel to discuss whether or not she is in agreement with the grant of this request.

I hereby request that you formally extend the time for filing a petition for administrative proceedings in regard to the Department's proposed amendments to Permit Nos. AC 43-4037, AC 43-4038, AO 43-170568 and AO 43-170567 to and including December 29, 1992.

Respectfully submitted,



Peter C. Cunningham

/gbb

cc: Willard Hanks  
Stephanie Brooks  
Pat Comer, Esq.  
Dan Adams  
Elsa Bishop

HOPPING BOYD GREEN & SAMS

POST OFFICE BOX 6526  
TALLAHASSEE, FLORIDA 32314

Willard Hanks  
Florida Department of Environmental  
Regulation  
2600 Blair Stone Road, Room 338  
Tallahassee, FL 32399-2400



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

October 1, 1992

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Charles D. Henderson  
Environmental Affairs Department  
Florida Power and Light Company  
P. O. Box 078768  
West Palm Beach, Florida 33407-0768

Dear Mr. Henderson:

Attached is one copy of the proposed modification to the permits package for Units 1 and 2 at the Martin Power Plant.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Preston Lewis of the Bureau of Air Regulation.

Sincerely,

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

CHF/WH/plm

Attachments

cc: S. Brooks, SED



STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

CERTIFIED MAIL

In the Matter of  
Modifications for Permits by:

DER File No. AC 43-4037  
AC 43-4038  
AO 43-170568  
AO 43-170567  
Martin County

Florida Power & Light Company  
~~P. O. Box 078768~~  
~~West Palm Beach, FL 33407-0768~~

*11770 U.S. Highway One  
4th Floor (mail Drop JEN/GB)  
P.O. Box 088801  
North Palm Beach, Florida 33408-8801*

INTENT TO ISSUE

The Department of Environmental Regulation gives notice of its intent to issue amendments to the permits (copy attached) for the proposed project as detailed in the request for the files specified above.

The applicant, Florida Power & Light Company, applied on August 10, 1992, to the Department of Environmental Regulation for a modification to the referenced construction and operation permits for Units 1 and 2 at the Martin Power Plant. The modifications would allow the burning of a mixture of No. 6 fuel oil containing a maximum of 1.0% sulfur and natural gas in a ratio that would result in a maximum sulfur dioxide emission of 0.80 pounds per million Btu heat input, install sulfur dioxide continuous emissions monitors on Units 1 and 2, and store No. 6 fuel oil containing a maximum of 1.0% sulfur in an existing low sulfur fuel oil storage tank. The Martin Power Plant is located in Martin County near Indiantown, Florida.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes and Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that a construction permit is required for the proposed work.

Pursuant to Section 403.815, Florida Statutes and Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Modifications to Permits. 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 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide

proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, 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 permits.

The Department will issue the permits 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 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 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;

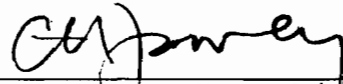
- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) 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;
- (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
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Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E., Chief  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399  
904-488-1344

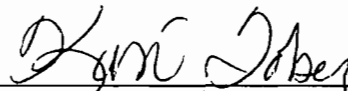
CERTIFICATE OF SERVICE

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 10-8-92 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.



Clerk

10-8-92

Date

Copies furnished to:  
S. Brooks, SED

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION  
NOTICE OF INTENT TO ISSUE MODIFICATIONS TO PERMITS

The Department of Environmental Regulation gives notice of its intent to issue modifications to the permits for Unit 1 (AC 43-4037 and AO 43-170568) and Unit 2 (AC 43-4038 and AO 43-170567) to Florida Power & Light Company's Martin Power Plant in Martin County near Indiantown, Florida. The modifications will authorize the company to burn a mixture of No. 6 fuel oil containing a maximum of 1.0% sulfur and natural gas in a ratio that produces sulfur dioxide emissions of 0.80 pounds per million Btu heat input. As this is the current emission standard for these units, there will be no increase in allowable sulfur dioxide emissions. The ambient air impact of the emissions from this plant are unchanged. A determination of Best Available Control Technology (BACT) is not required for this modification. The Department is issuing this Intent to Issue Modifications to Permits to satisfy the federal enforceability requirements.

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, 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

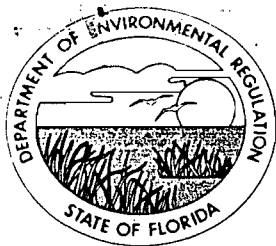
designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party 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 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 Regulation  
Bureau of Air Regulation  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Department of Environmental Regulation  
Southeast District  
1900 S. Congress Ave., Suite A  
West Palm Beach, Florida 33406

Any person may send written comments on the proposed action to Mr. Preston Lewis at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.



# Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

October 9, 1992

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

**DRAFT**

Mr. Charles D. Henderson  
Environmental Affairs Department  
Florida Power and Light Company  
P. O. Box 078768  
West Palm Beach, Florida 33407-0768

Dear Mr. Henderson:

Re: Amendment of Permits  
Martin Power Plant - Units 1 and 2

The Department is in receipt of Mr. Daniel Adams' August 6, 1992, letter requesting that the permits for units 1 and 2 of the Martin Power Plant be amended. The requested amendments would allow these units to burn a blend of No. 6 fuel oil containing a maximum of 1.0% sulfur and natural gas in a ratio that will result in the sulfur dioxide emissions meeting the current standard of 0.80 pounds per million Btu heat input, install a sulfur dioxide continuous emission monitor on each unit, and use one of the existing 0.7% sulfur fuel oil storage tanks to store fuel oil containing 1.0% sulfur. This plant is located 6 miles northwest of Indiantown off Highway 710 in Martin County, Florida. This request is acceptable and the permits for these units are amended as follows:

**FROM:**

UNIT 1 - PERMIT NO. AC 43-4037  
UNIT 2 - PERMIT NO. AC 43-4038

Source Description: Steam generator unit #1 [and 2], producing 5,579 MMBtu/hr, burning max. of 0.7% sulfur Bunker "C" oil or natural gas.

Specific Condition No. 9

The following items are required prior to our issuance of an operation permit in addition to the engineer of record's report of inspection:

- (X) (a) An emission report for total particulates based upon actual operations.

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- (X) (b) A tabular summary of fuels used & sulfur content (as received basis).
- (X) (c) A tabular summary of actual records of frequencies and durations of soot blowing as well as boiler blowdown characteristics and disposal practices.

UNIT 1 - PERMIT NO. AO 43-170568  
UNIT 2 - PERMIT NO. AO 43-170567

Source Description: An air pollution source consisting of a 800 MW Class Fossil Fuel Steam Generator Unit Number 1 [and 2] (900 megawatt gross capacity) equipped with Low NO<sub>x</sub> Dual Fuel Firing Burners to reduce emissions of nitrogen oxides; and multicyclones to control particulate emissions. The unit burns low sulfur fuel oil and natural gas to control sulfur dioxide emissions. In addition, the unit has a continuous emission monitoring system for opacity and NO<sub>x</sub>. The unit's heat input is 8,650 MMBtu/hr on oil and 9,040 MMBTU/hr on natural gas.

Specific Condition No. 5: Until such time when the Environmental Protection Agency (EPA) promulgates final rules regarding fuel sampling and test methods, the Department will accept the current fuel analysis program, provided that daily samples are composited and analyzed for sulfur content every seven (7) operating days, to demonstrate compliance with the 0.80 lb SO<sub>2</sub> per million BTU based on the monthly composite. Monthly reports shall be submitted to the Department no later than thirty (30) days after the end of the month.

The permittee shall be allowed 90 days after promulgation of fuel sampling and analysis methods to implement an EPA approved method of monitoring SO<sub>2</sub> emissions either by fuel sampling and analysis or continuous in-stack monitoring or other methods as approved under the provisions of 40CFR60.45.

Specific Condition No.6: The Department may, after reviewing FPL's quarterly excess emission reports, require the Permittee to conduct Method 9 testing. The Department will notify FPL of such requests, as well as the objective for such testing. At the request of the Permittee, the Department will take into account any potential instrument error or malfunction before requiring the scheduling of tests. Substantive opacity violations, as verified by Method 9, are subject to appropriate legal action; moreover, repetitive violations shall require the Permittee to revise operating and/or maintenance practice to abate these violations.

duel - fight



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TO:

UNIT 1 - PERMIT NO. AC 43-4037  
UNIT 2 - PERMIT No. AC 43-4038

Source Description: An air pollution source consisting of a 800 MW Class Fossil Fuel Steam Generator Unit (900 megawatt gross capacity) equipped with Low NO<sub>x</sub> Dual Fuel Firing Burners to reduce emissions of nitrogen oxides; and multicyclones to control particulate emissions. The unit burns low sulfur fuel oil containing a maximum of 0.7% sulfur (by weight), natural gas, or a mixture of low sulfur fuel oil containing a maximum of 1.0% sulfur (by weight) and natural gas in a ratio that will result in a maximum sulfur dioxide emission concentration of 0.80 lbs/MMBtu heat input. In addition, the unit has a continuous emission monitoring system for opacity, NO<sub>x</sub>, and sulfur dioxide. The unit's heat input is 8,650 MMBtu/hr on oil, 8,650 MMBtu/hr on a blend of fuel oil and natural gas, and 9,040 MMBtu/hr on natural gas.

Specific Condition No. 9: The following items are required prior to our issuance of an operation permit in addition to the engineer of record's report of inspection:

- (X) (a) An emission report for total particulates based upon actual operations.
- (X) (b) A tabular summary of fuels used and sulfur content (as received basis) and quarterly excess emission reports from the sulfur dioxide continuous emissions monitor that has been certified and meets the performance standards described in 40CFR60, Appendix B, Performance Specification 2 (July 1, 1992).
- (X) (c) A tabular summary of actual records of frequencies and durations of soot blowing as well as boiler blowdown characteristics and disposal practices.

UNIT 1 - PERMIT AO 43-170568  
UNIT 2 - PERMIT AO 43-170567

Source Description: An air pollution source consisting of a 800 MW Class Fossil Fuel Steam Generator Unit (900 megawatt gross capacity) equipped with Low NO<sub>x</sub> Dual Fuel Firing Burners to reduce emissions of nitrogen oxides; and multicyclones to control particulate emissions. The unit burns low sulfur fuel

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oil containing a maximum of 0.7% sulfur (by weight), natural gas, or a mixture of low sulfur fuel oil containing a maximum of 1.0% sulfur (by weight) and natural gas in a ratio that will result in a maximum sulfur dioxide emission concentration of 0.80 lbs/MMBtu heat input. In addition, the unit has a continuous emission monitoring system for opacity, NO<sub>x</sub>, and sulfur dioxide. The unit's heat input is 8,650 MMBtu/hr on oil, 8,650 MMBtu/hr on a blend of fuel oil and natural gas, and 9,040 MMBtu/hr on natural gas.

Specific Condition No. 5: Until such time when the Environmental Protection Agency (EPA) promulgates final rules regarding fuel sampling and test methods, the Department will accept the current fuel analysis program, provided that daily samples are composited and analyzed for sulfur content every seven (7) operating days, to demonstrate compliance with the **sulfur content limits of the fuel oil** based on the monthly composite. Monthly reports shall be submitted to the Department no later than thirty (30) days after the end of the month.

The permittee shall be allowed 90 days after promulgation of fuel sampling and analysis methods to implement an EPA approved method of monitoring SO<sub>2</sub> emissions either by fuel sampling and analysis or continuous in-stack monitoring or other methods as approved under the provisions of 40CFR60.45.

Specific Condition No.6: The Department may, after reviewing FPL's quarterly **opacity, nitrogen oxides, or sulfur dioxide** excess emission reports, require the Permittee to conduct Method 5, 6, 7, and/or 9 or other Department approved alternate test procedures. The Department will notify FPL of such requests, as well as the objective for such testing. At the request of the Permittee, the Department will take into account any potential instrument error or malfunction before requiring the scheduling of tests. Substantive violations, as verified by **tests**, are subject to appropriate legal action; moreover, repetitive violations shall require the Permittee to revise operating and/or maintenance practice to abate these violations.

A copy of this letter shall be filed with the referenced permits and shall become a part of those permits.

Mr. Charles D. Henderson  
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**DRAFT**

Sincerely,

Howard L. Rhodes  
Director  
Division of Air Resources  
Management

HLR/WH/plm

cc: S. Brooks, SED