



Florida Power & Light Company, Lauderdale Plant  
4200 SW 42<sup>nd</sup> Street, Ft. Lauderdale, FL 33414

RECEIVED

MAR 17 2009

BUREAU OF AIR REGULATION

March 16, 2009

Scott Sheplak  
Florida Department of Environmental Protection  
Bureau of Air Regulation  
2600 Blair Stone Road, MS 5505  
Tallahassee, FL 32399-2400

**RE: Lauderdale Power Plant;  
Permit No. 0110037-006-AC for PSD Modification  
Proof of Publication**

Dear Scott,

Attached please find the original proof of publication for the Notice of Intent to Issue Permit #0110037-006-AC. The Public Notice of Intent was published on March 13, 2009 in the Sun-Sentinel.

If you have questions, please feel free to contact me at (954) 527-3607, or Kevin Washington at (561) 691-2877.

Sincerely yours,

A handwritten signature in black ink, appearing to read 'Idayna Stokes', enclosed in a circular scribble.

Idayna Stokes,  
Environmental Leader  
FPL Lauderdale Power Plant

Encl.

cc: Kevin Washington, JES/JB  
File

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FPL-PFL

MAR 13 2009

SUN SENTINEL  
PUBLISHED DAILY

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FORT LAUDERDALE, BROWARD COUNTY, FLORIDA  
BOCA RATON, PALM BEACH COUNTY, FLORIDA  
MIAMI, MIAMI-DADE COUNTY, FLORIDA

MAR 17 2009

STATE OF FLORIDA  
BUREAU OF AIR REGULATION BROWARD/PALM BEACH/MIAMI-DADE

BEFORE THE UNDERSIGNED AUTHORITY, PERSONALLY APPEARED LANA L. REED, WHO, ON OATH, SAYS THAT SHE IS A DULY AUTHORIZED REPRESENTATIVE OF THE CLASSIFIED DEPARTMENT OF THE SUN-SENTINEL, DAILY NEWSPAPER PUBLISHED IN BROWARD/PALM BEACH/MIAMI-DADE COUNTY, FLORIDA, THAT THE ATTACHED COPY OF ADVERTISEMENT, BEING A:

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT MODIFICATION

IN THE MATTER OF:

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION DIVISION OF AIR RESOURCE MANAGEMENT, BUREAU OF AIR REGULATION DRAFT PERMIT MODIFICATION NO. 0110037-006-AC, PSD-FL-145B FLORIDA POWER AND LIGHT COMPANY, LAUDERDALE PLANT BROWARD COUNTY, FLORIDA

MARCH 13, 2009

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AFFIANT FURTHER SAYS THAT THE SAID SUN-SENTINEL IS A PUBLISHED IN SAID BROWARD/PALM BEACH/MIAMI-DADE COUNTY AND THAT THE SAID NEWSPAPER HAS HERETOFORE BEEN PUBLISHED IN SAID BROWARD/PALM BEACH/MIAMI-DADE COUNTY EACH DAY, AND HAS BEEN ENTERED AS SECOND CLASS MAIL OFFICE IN FORT LAUDERDALE, IN SAID BROWARD COUNTY. PERIOD OF ONE YEAR NEXT PRECEDING THE FIRST PUBLIC COPY OF ADVERTISEMENT: AND AFFIANT FURTHER SAYS THAT PAID, NOR PROMISED, ANY PERSON, FIRM, OR CORPORATION REBATE, COMMISSION, OR REFUND, FOR THE PURPOSE OF ADVERTISEMENT FOR PUBLICATION IN SAID NEWSPAPER.

(SIGNATURE OF LANA L. REED, AFFIANT)

SWORN TO AND SUBSCRIBED BEFORE ME  
ON 13 MARCH 2009 A.D.

(SIGNATURE OF NOTARY PUBLIC)



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

PERSONALLY KNOWN ( X ) OR PRODUCED IDENTIFICATION

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT MODIFICATION  
Florida Department of Environmental Protection  
Division of Air Resource Management, Bureau of Air Regulation  
Draft Permit Modification No. 0110037-006-AC, PSD-FL-145B  
Florida Power and Light Company, Lauderdale Plant  
Broward County, Florida

Applicant: The applicant for this project is Florida Power and Light Company (FPL). The applicant's responsible official and mailing address are: Mr. Dwayne Harper, Plant General Manager, Florida Power and Light Company, Lauderdale Plant, 4300 SW 42nd Street, Fort Lauderdale, Florida 33414.

Facility Location: The applicant operates the existing Lauderdale Plant, which is located in Broward County, 2 miles West of Ravenswood Road, in Fort Lauderdale, Florida.

Project: The applicant applied on December 11, 2008, to the Department for an air construction permit modification. This permit modifies the language of Prevention of Significant Deterioration (PSD) air construction permit PSD-FL-145 as follows. This permit modification removes the annual testing requirement for volatile organic compound (VOC) emissions because these emissions have been historically near or below the minimum detectable for Environmental Protection Agency (EPA) Method 25A (approximately 1 part per million (ppm)). This permit modification also removes the requirement for continuous monitoring of the steam injection rate by an installed, operated and maintained system. The recently issued Title V air operation permit, 0110037-005-AV, identifies the continuous emissions monitoring system (CEMS) as the compliance method for nitrogen oxides (NOx), therefore, the requirement to operate and maintain a continuous steam injection system is no longer necessary. Thus, this air construction permit modification requires that a NOx CEMS shall be used to demonstrate compliance with the NOx limits. The NOx CEMS are subject to the monitoring requirements of 40 Code of Federal Regulations (CFR) 60.13. Finally, defined capacity for full load testing for the combined cycle gas turbine systems is adjusted to correspond with Department rules. This existing facility consists primarily of two combined-cycle generating units (Unit 4 and Unit 5), two banks of twelve simple-cycle gas turbine units, and eight fuel storage tanks. Each combined-cycle unit consists of two combustion turbines (CT) which each exhaust through a separate heat recovery steam generator (HRSG). Each HRSG converts the heat from the CT exhaust into steam. The steam produced from the two HRSG units drives one single-reheat turbine generator. Each combined-cycle unit has a net summer continuous capability of 430 megawatts (MW). Each bank of simple-cycle gas turbines has a net capability of 504 MW.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the address indicated above for the Permitting Authority. The complete project file includes the draft permit, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may view the draft permit by visiting the following website: <http://www.dep.state.fl.us/air/products/apds/default.asp> and entering the permit number shown above. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air construction permit modification to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a final permit in accordance with the conditions of the proposed draft permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the draft air construction permit modification for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the draft permit, the Permitting Authority shall revise the draft permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of the Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner; the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding.  
March 13, 2009