

## Memorandum

# Florida Department of Environmental Protection

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TO: Trina Vielhauer, Bureau of Air Regulation  
FROM: Jon Holtom, Title V Section *JH*  
DATE: May 3, 2011  
SUBJECT: Authorization Letter for Excess Emissions During Dry Low-NO<sub>x</sub> (DLN) Tuning  
Project No. 0850001-025-AC  
Florida Power & Light Company's (FPL) Martin Power Plant  
Combustion Turbine Nos. 4A and 4B

Attached for your review is a letter authorizing excess emissions to FPL while conducting DLN tuning on combustion turbines 4A and 4B at the FPL Martin Power Plant. The tuning is recommended by the manufacturer following a major overhaul. Excess emissions will not exceed approximately 12 hours per unit for the duration of the DLN tuning. FPL wants to conduct the tuning beginning no sooner than May 16, 2011. Similar requests have been granted for other units at both the FPL Martin and Sanford Power Plants. I recommend your approval and signature of the attached authorization letter.

Attachments



# Florida Department of Environmental Protection

Bob Martinez Center  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard Jr.  
Secretary

May 3, 2011

*Electronically Sent – Received Receipt Requested*

Mr. Gary Kowalczyk, Plant General Manager  
Florida Power & Light Company – Martin Plant  
21900 S.W. Warfield Boulevard  
Indiantown, Florida 34956

Re: Florida Power & Light Company (FPL) Martin Plant  
Project No. 0850001-025-AC  
Combined Cycle Combustion Turbines 4A and 4B – Excess Emissions Authorization For Dry Low-  
NO<sub>x</sub> Tuning

Dear Mr. Kowalczyk:

The Department has reviewed your request received April 25<sup>th</sup>, for authorization of excess emissions while conducting Dry Low-NO<sub>x</sub> (DLN) tuning on combustion turbines 4A and 4B, which is recommended by the equipment manufacturer following a major overhaul. The DLN tuning is scheduled to occur no sooner than May 16, 2011. Similar requests have previously been granted for other units at both the FPL Martin and Sanford Plants. The Department authorizes excess emissions due to DLN tuning provided:

- The operator adheres to best operational practices to minimize emissions;
- The operator minimizes the duration of excess emissions for the duration of DLN tuning, which shall be completed in approximately 12 hours;
- The operator notifies the Department's Southeast District Office for each day that DLN tuning is performed; and,
- The owner or operator submits a report summarizing the hourly NO<sub>x</sub> emissions during the DLN tuning.

To avoid the need for future authorizations of this sort, it is recommended that FPL request a revision to the excess emissions provisions contained in the Title V and/or air construction permits for the Martin Plant, to include provisions for excess emissions due to DLN tuning, at the earliest opportunity.

Nothing in this action waves any federal requirements of the applicable New Source Performance Standards (NSPS) for this unit.

The Department will consider the above-noted action final unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, of the Florida Statutes (F.S.). Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed 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 (received) in the Department's Office of General Counsel, MS #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice. Petitions filed by any other person must be filed within 14 (fourteen) days of receipt of this proposed action. A petitioner must 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 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 Department'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 interests will be affected by the agency determination; (c) A statement of how and when each petitioner received notice of the agency action or proposed action; (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, as well as the rules and statutes which entitle the petitioner to relief; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and, (g) A statement of the relief sought by the petitioner, stating precisely the action 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 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 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.

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by the filing of a Notice of Appeal, under Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida, 32399-3000; and, by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within thirty days from the date this notice is filed with the Clerk of the permitting authority.

Executed in Tallahassee, Florida.

*for Jim Adlton* 5/3/11  
Mina Vielhauer, Deputy Director Date  
Division of Air Resource Management

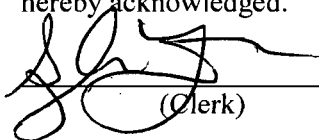
TLV/jkh

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this authorization was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on 5/3/11 to the persons listed below.

Mr. Gary Kowalczyk, Florida Power & Light Company: ([gary.kowalczyk@fpl.com](mailto:gary.kowalczyk@fpl.com))  
Mr. John Hampp, Florida Power & Light Company: ([john.hampp@fpl.com](mailto:john.hampp@fpl.com))  
Mr. Lennon Anderson, DEP Southeast Office: ([lennon.anderson@dep.state.fl.us](mailto:lennon.anderson@dep.state.fl.us))  
Ms. Vickie Gibson, DEP BAR Reading File: ([victoria.gibson@dep.state.fl.us](mailto:victoria.gibson@dep.state.fl.us))

Clerk Stamp  
**FILING AND ACKNOWLEDGMENT FILED**, on  
this date, pursuant to §120.52(7), Florida Statutes, with  
the designated Department Clerk, receipt of which is  
hereby acknowledged.

  
\_\_\_\_\_  
(Clerk)

5/3/11  
\_\_\_\_\_  
(Date)

## Livingston, Sylvia

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**From:** Livingston, Sylvia  
**Sent:** Tuesday, May 03, 2011 12:25 PM  
**To:** 'Kowalczyk, Gary'  
**Cc:** 'john.hampp@fpl.com'; Anderson, Lennon; Gibson, Victoria; Holtom, Jonathan; Walker, Elizabeth (AIR)  
**Subject:** Florida Power & Light Company - Martin Power Plant; 0850001-025-AC  
**Attachments:** 0850001-025-AC\_Authorization.pdf

Tracking:	Recipient	Delivery	Read
	'Kowalczyk, Gary' 'john.hampp@fpl.com'		
	Anderson, Lennon	Delivered: 5/3/2011 12:26 PM	Read: 5/3/2011 12:48 PM
	Gibson, Victoria	Delivered: 5/3/2011 12:26 PM	
	Holtom, Jonathan	Delivered: 5/3/2011 12:26 PM	Read: 5/3/2011 12:57 PM
	Walker, Elizabeth (AIR)	Delivered: 5/3/2011 12:25 PM	

Dear Sir/ Madam:

Attached is the official **Authorization** for the request referenced below. Click on the link displayed below to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

*Note: We must receive verification that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).*

**Click on the following link to access the documents:**

[http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf\\_permit\\_zip\\_files/0850001.025.AC.F\\_pdf.zip](http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0850001.025.AC.F_pdf.zip)

**Owner/Company Name:** FLORIDA POWER and LIGHT (PMR)

**Facility Name:** MARTIN POWER PLANT

**Project Number:** 0850001-025-AC

**Permit Status:** FINAL

**Permit Activity:** CONSTRUCTION

**Facility County:** MARTIN

**Processor:** Jonathan Holtom

Any questions or comments regarding this project should be directed to the processor reviewing the project. Jonathan Holtom at 850-717-9079 and [Jonathan.Holtom@dep.state.fl.us](mailto:Jonathan.Holtom@dep.state.fl.us).

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at <http://appprod.dep.state.fl.us/air/emission/apds/default.asp>.

Project documents that are addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record. If you have any problems

## Livingston, Sylvia

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**From:** Kowalczyk, Gary [Gary.Kowalczyk@fpl.com]  
**Sent:** Tuesday, May 03, 2011 12:41 PM  
**To:** Livingston, Sylvia  
**Cc:** Hampp, John; Anderson, Lennon; Gibson, Victoria; Holtom, Jonathan; Walker, Elizabeth (AIR); Welch, Willie; Ervolino, Nora J  
**Subject:** RE: Florida Power & Light Company - Martin Power Plant; 0850001-025-AC

I have received and can view the document. Thank you.

Gary Kowalczyk, PE  
FPL Power Generation Division  
General Manager Martin Plant  
Office: 772-597-7106  
Cell: 386-566-8757  
Email: [gary\\_kowalczyk@fpl.com](mailto:gary_kowalczyk@fpl.com)

**From:** Livingston, Sylvia [<mailto:Sylvia.Livingston@dep.state.fl.us>]  
**Sent:** Tuesday, May 03, 2011 12:25 PM  
**To:** Kowalczyk, Gary  
**Cc:** Hampp, John; Anderson, Lennon; Gibson, Victoria; Holtom, Jonathan; Walker, Elizabeth (AIR)  
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