

Memorandum

Florida Department of Environmental Protection

TO: Trina Vielhauer, Bureau of Air Regulation
THROUGH Jeff Koerner, New Source Review Section
FROM: Bruce Mitchell, New Source Review Section
DATE: November 23, 2009
SUBJECT: Authorization Letter for Excess Emissions During Full Speed No Load Testing
Project No. 1270009-021-AC
Florida Power & Light Company's (FPL) Sanford Power Plant
Combustion Turbine No. 4C

Attached for your review is a letter authorizing excess emissions to FPL while conducting tests at full speed no load operation on combustion turbine 4C at the FPL Sanford Power Plant. The tests are recommended by the manufacturer following a rotor/blade change out. FPL wants to conduct the tests from December 7 through December 23, 2009. 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

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

November 24, 2009

Electronically sent – Received Receipt requested.

Gary Kowalczyk, Plant General Manager
Florida Power & Light Company – Sanford Plant
950 South Highway 17-92
DeBary, Florida 32713

Re: FPL Sanford Plant Combustion Turbine 4C
Project No. 1270009-021-AC
Combined Cycle Combustion Turbine – Excess Emissions Authorization Following
Rotor/Blade Change-out

Dear Mr. Kowalczyk:

The Department has reviewed your request dated November 10, 2009, for excess emissions resulting from Full Speed No Load (FSNL) testing, which is recommended by the equipment manufacturer following a rotor/blade change-out. The FSNL testing is scheduled to occur between December 7 and December 23, 2009. Similar requests have previously been granted for other units at both the Florida Power & Light (FPL) Martin and Sanford Plants. The Department authorizes excess emissions due to FSNL testing provided:

- The operator adheres to best operational practices to minimize emissions;
- The operator minimizes the duration of excess emissions, which shall not exceed 15 hours for the entire period of FSNL testing;
- The operator notifies the Department's Central District Office for each day that FSNL testing is performed; and,
- The owner or operator submits a report summarizing the hourly nitrogen oxides (NO_x) emissions during the FSNL testing.

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, Florida Administrative Code (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

Mr. Gary Kowalczyk
November 24, 2009
FPL Sanford Unit 4C, Authorization for FSNL Testing
Page 3 of 3

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.


Trina L. Vielhauer, Chief
Bureau of Air Regulation

TLV/jk/rbm

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

11/24/09 to the persons listed below.

Mr. Gary Kowalczyk, Florida Power & Light Company: (gary_kowalczyk@fpl.com)

Ms. Mary Archer, Florida Power & Light Company: (mary_archer@fpl.com)

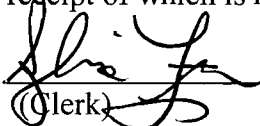
Mr. Randy Hopkins, Florida Power & Light Company: (randy_hopkins@fpl.com)

Ms. Caroline Shine, DEP Central District Office: (caroline.shine@dep.state.fl.us)

Ms. Vickie Gibson, DEP BAR Reading File: (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) _____ 11/24/09
(Date)

Livingston, Sylvia

From: Kowalczyk, Gary [Gary.Kowalczyk@fpl.com]
Sent: Tuesday, November 24, 2009 3:43 PM
To: Livingston, Sylvia
Subject: RE: Authorization: FPL - SANFORD POWER PLANT; 1270009-021-AC

Sylvia, I was able to open it this time. Thanks

Gary Kowalczyk, PE
FPL Power Generation Division
General Manager Sanford Plant
Office: 386-575-5211
Cell: 386-566-8757
Email: gary_kowalczyk@fpl.com

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Tuesday, November 24, 2009 3:39 PM
To: Kowalczyk, Gary
Subject: RE: Authorization: FPL - SANFORD POWER PLANT; 1270009-021-AC

I'm sorry no. Try opening this attachment. We are having email problems and this may be the reason you aren't able to open my attachment.

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/921-9506
sylvia.livingston@dep.state.fl.us

From: Kowalczyk, Gary [mailto:Gary.Kowalczyk@fpl.com]
Sent: Tuesday, November 24, 2009 3:35 PM
To: Livingston, Sylvia
Subject: RE: Authorization: FPL - SANFORD POWER PLANT; 1270009-021-AC

Sylvia, was there supposed to be a document attached to the e-mail you just sent?

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Tuesday, November 24, 2009 3:33 PM
To: Kowalczyk, Gary
Cc: Archer, Mary
Subject: RE: Authorization: FPL - SANFORD POWER PLANT; 1270009-021-AC

The attached document is the exact same document as the link.

Mary – Were you able to open the attachment?

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/921-9506
sylvia.livingston@dep.state.fl.us

From: Kowalczyk, Gary [mailto:Gary.Kowalczyk@fpl.com]
Sent: Tuesday, November 24, 2009 3:32 PM
To: Livingston, Sylvia
Cc: Archer, Mary
Subject: RE: Authorization: FPL - SANFORD POWER PLANT; 1270009-021-AC

No. The zip folder opened but the pdf file did not for some reason. Thank you and advise.

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Tuesday, November 24, 2009 3:28 PM
To: Kowalczyk, Gary
Subject: RE: Authorization: FPL - SANFORD POWER PLANT; 1270009-021-AC

Gary,

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Division of Air Resource Management (DARM)
Department of Environmental Protection
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sylvia.livingston@dep.state.fl.us

From: Kowalczyk, Gary [mailto:Gary.Kowalczyk@fpl.com]
Sent: Tuesday, November 24, 2009 3:24 PM
To: Livingston, Sylvia
Cc: Archer, Mary; Hopkins, Randy; Shine, Caroline; Gibson, Victoria; Mitchell, Bruce; Walker, Elizabeth (AIR); Kowalczyk, Gary
Subject: RE: Authorization: FPL - SANFORD POWER PLANT; 1270009-021-AC

I have received the zip folder but was unable to open the enclosed pdf attachment. Please resend. Thank you.

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Tuesday, November 24, 2009 3:21 PM
To: Kowalczyk, Gary
Cc: Archer, Mary; Hopkins, Randy; Shine, Caroline; Gibson, Victoria; Mitchell, Bruce; Walker, Elizabeth (AIR)
Subject: Authorization: FPL - SANFORD POWER PLANT; 1270009-021-AC

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/1270009.021.AC.F_pdf.zip

Owner/Company Name: FLORIDA POWER and LIGHT
Facility Name: SANFORD POWER PLANT
Project Number: 1270009-021-AC
Permit Status: FINAL
Permit Activity: CONSTRUCTION
Facility County: VOLUSIA
Processor: Bruce Mitchell

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://www.dep.state.fl.us/air/eproducts/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 opening the documents or would like further information, please contact the Florida Department of Environmental Protection, Bureau of Air Regulation at (850)488-0114.

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
850/921-9506
sylvia.livingston@dep.state.fl.us

Note: The attached document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.html>> .

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Michael W. Sole is committed to continuously assessing and improving the level and quality of services provided to you. Please take a few minutes to comment on the quality of service you received. Simply click on [this link to the DEP Customer Survey](#). Thank you in advance for completing the survey.

Livingston, Sylvia

From: Archer, Mary [Mary.Archer@fpl.com]
Sent: Tuesday, November 24, 2009 3:40 PM
To: Livingston, Sylvia
Subject: Re: Authorization: FPL - SANFORD POWER PLANT; 1270009-021-AC

I can open it on my blackberry. _Mary

From: Livingston, Sylvia <Sylvia.Livingston@dep.state.fl.us>
To: Kowalczyk, Gary
Cc: Archer, Mary
Sent: Tue Nov 24 15:33:23 2009
Subject: RE: Authorization: FPL - SANFORD POWER PLANT; 1270009-021-AC

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