



# 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

July 30, 2009

*Electronic Mail – Received Receipt Requested*

Mr. Randall R. LaBauve, Vice President of Environmental Services  
Florida Power and Light (FPL)  
700 Universe Boulevard, P.O. Box 14000  
Juno Beach, FL 33408

Re: Supplemental Request for Additional Information-Modeling Information Item  
Project No. 0250003-013-AC (PSD-FL-409)  
Florida Power and Light, Turkey Point Plant  
Cooling Tower Project to Support Proposed Units 6 and 7

Dear Mr. LaBauve:

On June 30, 2009, we received your application and sufficient fee for an air construction permit to construct cooling towers to support proposed Nuclear Units 6 and 7 at the existing Turkey Point Plant. The facility is located in Miami-Dade County approximately 9.5 miles east of Homestead on SW 344<sup>th</sup> Street. The application indicates that the project is subject to preconstruction review for the Prevention of Significant Deterioration (PSD) of Air Quality pursuant to Rule 62-212.400 of the Florida Administrative Code (F.A.C.). The application is incomplete. This request for additional information supplements our request dated July 20, 2009. In order to continue processing your application, please provide the additional information requested below. Should your response to any of the requested items require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the application form.

11. Provide the potential emissions of particulate matter with a mean aerodynamic diameter of 2.5 microns or less (PM<sub>2.5</sub>) for the project.

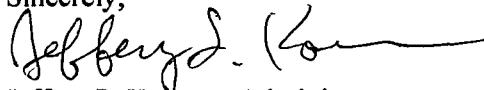
The above information is requested pursuant to the following F.A.C. regulations: Rule 62-4.050 (Procedures to Obtain Permits and Other Authorizations; Applications); 62-4.055 (Permit Processing); 62-4.070 (Standards for Issuing or Denying Permits; Issuance; Denial); 62-4.120 (Construction Permits); 62-204.800 (Federal Regulations Adopted by Reference); 62-212.300 (Permits Required); 62-210.370 (Emissions Computations and Reporting); 62-210.900 (Forms and Instructions); 62-212.300 (General Preconstruction Review); and 62-212.400 (Prevention of Significant Deterioration). All applications for a Department permit must be certified by a professional engineer registered in the State of Florida pursuant to Rule 62-4.050(3), F.A.C. This requirement also applies to responses to Department requests for additional information of an engineering nature. For any material changes to the application, please include a new certification statement by the authorized representative or responsible official.

## REQUEST FOR ADDITIONAL INFORMATION

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We will resume processing your application after receipt of the requested information. You are reminded that Rule 62-4.055(1), F.A.C. requires applicants to respond to requests for information within 90 days or to provide a written request for an additional period of time to submit the information. If you have any questions regarding this matter, please contact the project engineer, Tammy McWade (850/488-1906) or me (850/921-9536).

Sincerely,



Jeffery F. Koerner, Administrator  
New Source Review Section

This letter was sent to the following people by electronic mail with received receipt requested.

Mr. Randall R. LaBauve, FPL (randall\_r\_labauve@fpl.com)  
Mr. Matthew J Raffenberg, FPL (Matthew.Raffenberg@fpl.com)  
Mr. Kennard F. Kosky, Golder Associates Inc. (kkosky@golder.com)  
Mr. Lennon Anderson, SED Office (lennon.anderson@dep.state.fl.us)  
Mr. Patrick Wong, Miami-Dade DERM (wongp@miamidade.gov)  
Ms. Mallika Muthias, Miami-Dade DERM (muthim@miamidade.gov)  
Mr. Mike Halpin, DEP Siting Office (mike.halpin@dep.state.fl.us)  
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)  
Ms. Heather Abrams, EPA Region 4 (abrams.heather@epa.gov)  
Ms. Ana M. Oquendo, EPA Region 4 (oquendo.ana@epa.gov)  
Mr. Dee Morse, NPS (dee\_morse@nps.gov)  
Ms. Vickie Gibson, DEP BAR Reading File (victoria.gibson@dep.state.fl.us)

JFK/ch

## Walker, Elizabeth (AIR)

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**From:** Livingston, Sylvia  
**Sent:** Thursday, July 30, 2009 4:11 PM  
**To:** 'randall\_r\_labauve@fpl.com'  
**Cc:** 'matthew.raffenberg@fpl.com'; 'kkosky@golder.com'; Anderson, Lennon; 'wongp@miamidade.gov'; 'muthim@miamidade.gov'; Halpin, Mike; forney.kathleen@epa.gov; 'abrams.heather@epamail.epa.gov'; 'oquendo.ana@epa.gov'; 'dee\_morse@nps.gov'; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR); Holladay, Cleve  
**Subject:** RAI - 0250003-013-AC/PSD-FL-409 (FPL - Turkey Point Plant)

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); 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". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The 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 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. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

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



RAI0250003-013-A  
C.pdf

## Livingston, Sylvia

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**From:** Sivia, Lois [Lois.Sivia@fpl.com] on behalf of LaBauve, Randall R [Randall.R.LaBauve@fpl.com]  
**Sent:** Thursday, July 30, 2009 4:16 PM  
**To:** Livingston, Sylvia  
**Subject:** RE: RAI - 0250003-013-AC/PSD-FL-409 (FPL - Turkey Point Plant)

received

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**From:** Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]  
**Sent:** Thursday, July 30, 2009 4:11 PM  
**To:** LaBauve, Randall R  
**Cc:** Raffenberg, Matthew; kkosky@golder.com; Anderson, Lennon; wongp@miamidade.gov; muthim@miamidade.gov; Halpin, Mike; forney.kathleen@epa.gov; abrams.heather@epamail.epa.gov; oquendo.ana@epa.gov; dee\_morse@nps.gov; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR); Holladay, Cleve  
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Thank you,

Sylvia Livingston

Bureau of Air Regulation

Division of Air Resource Management (DARM)

850/921-9506

[sylvia.livingston@dep.state.fl.us](mailto:sylvia.livingston@dep.state.fl.us)

## Livingston, Sylvia

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**From:** Anderson, Lennon  
**Sent:** Tuesday, August 11, 2009 12:19 PM  
**To:** Livingston, Sylvia  
**Subject:** RE: RAI - 0250003-013-AC/PSD-FL-409 (FPL - Turkey Point Plant)

Thanks!

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**From:** Livingston, Sylvia  
**Sent:** Thursday, July 30, 2009 4:11 PM  
**To:** 'randall\_r\_labauve@fpl.com'  
**Cc:** 'matthew.raffenberg@fpl.com'; 'kkosky@golder.com'; Anderson, Lennon; 'wongp@miamidade.gov'; 'muthim@miamidade.gov'; Halpin, Mike; forney.kathleen@epa.gov; 'abrams.heather@epamail.epa.gov'; 'oquendo.ana@epa.gov'; 'dee\_morse@nps.gov'; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR); Holladay, Cleve  
**Subject:** RAI - 0250003-013-AC/PSD-FL-409 (FPL - Turkey Point Plant)

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Thank you,

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

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