



# 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

April 2, 2009

*Electronic Mail – Received Receipt Requested*

Mr. Terry Woodard, Power Plant Manager  
Central Power and Lime, Inc.  
10311 Cement Plant Road  
Brooksville, Florida 34601

**Re: Request for Additional Information**  
Project No. 0530021-019-AC  
South Brooksville Cement and Power Plants  
Installation of Low-NO<sub>x</sub> Burners

Dear Mr. Woodard:

On March 10, 2009 we received your application and sufficient fee for an air construction permit to install low-NO<sub>x</sub> burners with overfire air on the 150 megawatt (MW) power plant boiler at the South Brooksville Cement and Power Plants. The facility is located in Hernando County at 10311 Cement Plant Road in Brooksville, Florida. The application indicates that the project is subject to general preconstruction review pursuant to rule 62-212.300 of the Florida Administrative Code (F.A.C.). The application is incomplete. 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.

1. Please estimate the emissions increases expected from the new burner installation. Compare the projected actual emissions to baseline actual emissions as defined in Rules 62-210.200, 62-210.370, and 62-212.300, F.A.C. Baseline actual emissions must be calculated following the hierarchy and methods in Rule 62-210.370, F.A.C. Will the predicted increases exceed the significant emissions rates and subject the project to Rule 62-212.400, F.A.C for the Prevention of Significant Deterioration (PSD) of Air Quality?
2. Provide the manufacturer's guaranteed nitrogen oxides (NO<sub>x</sub>) and carbon monoxide (CO) emissions for coal firing.
3. Submit corrected emissions unit pollutant detail information forms for each PSD pollutant. The completed forms must include baseline actual emissions, projected actual emissions, the baseline 24-month period and the projected monitoring period.

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 (Preventions 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

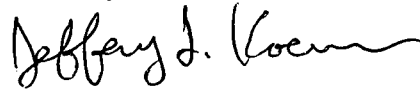
## REQUEST FOR ADDITIONAL INFORMATION

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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.

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, Bruce Thomas, at 850/488-0114.

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. Terry Woodard, Central Power and Lime, Inc. ([wwoodard@deltapowerservices.com](mailto:wwoodard@deltapowerservices.com))  
Mr. Max Lee, Koogler and Associates, Inc. ([mlee@kooglerassociates.com](mailto:mlee@kooglerassociates.com))  
Ms. Cindy Zhang-Torres, Southwest District Office ([Cindy.Zhang-Torres@dep.state.fl.us](mailto:Cindy.Zhang-Torres@dep.state.fl.us))  
Mr. Mike Halpin, DEP Siting Office ([mike.halpin@dep.state.fl.us](mailto:mike.halpin@dep.state.fl.us))  
Ms. Kathleen Forney, EPA Region 4 ([forney.kathleen@epa.gov](mailto:forney.kathleen@epa.gov))  
Ms. Heather Abrams, EPA Region 4 ([abrams.heather@epa.gov](mailto:abrams.heather@epa.gov))  
Ms. Vickie Gibson, DEP BAR Reading File ([victoria.gibson@dep.state.fl.us](mailto:victoria.gibson@dep.state.fl.us))

JFK/bxt

## Livingston, Sylvia

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**From:** Livingston, Sylvia  
**Sent:** Thursday, April 02, 2009 1:05 PM  
**To:** 'wwoodard@deltapowerservices.com'  
**Cc:** 'mlee@kooglerassociates.com'; Zhang-Torres; Halpin, Mike; 'forney.kathleen@epa.gov'; 'abrams.heather@epa.gov'; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR); Thomas, Bruce X.  
**Subject:** RAI - 0530021-019-AC (Central Power & Lime - South Brooksville Cement & Power Plants)

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)



RAI  
0530021-019-AC.pdf

Tracking:

## Livingston, Sylvia

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**From:** Woodard, Willis T [WWoodard@deltapowerservices.com]  
**Sent:** Thursday, April 02, 2009 1:50 PM  
**To:** Livingston, Sylvia  
**Subject:** RE: RAI - 0530021-019-AC (Central Power & Lime - South Brooksville Cement & Power Plants)

I can review the document.

Terry Woodard  
[wwoodard@deltapowerservices.com](mailto:wwoodard@deltapowerservices.com)  
Power Plant Manager  
DPS Florida  
352-799-7881  
Fax 352-799-3508

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**From:** Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]  
**Sent:** Thursday, April 02, 2009 1:05 PM  
**To:** Woodard, Willis T  
**Cc:** mlee@kooglerassociates.com; Zhang-Torres; Halpin, Mike; forney.kathleen@epa.gov; abrams.heather@epa.gov; Gibson, Victoria; Koerner, Jeff; Walker, Elizabeth (AIR); Thomas, Bruce X.  
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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)