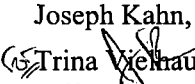



Memorandum

Florida Department of Environmental Protection

To: Joseph Kahn, Division of Air Resource Management
Through:  Trina Viehauer, Bureau of Air Regulation
Jeff Koerner, New Source Review Section
From:  Bruce Thomas, New Source Review Section
Date: April 3, 2009
Subject: Final Air Permit No. 1070025-012-AC
Seminole Electric Cooperative, Inc., Seminole Generating Station
Lower Nitrogen Oxides Emissions Limit

The final permit for this project is attached for your approval and signature, which revises original Permit No. 1070025-004-AC to reduce the combined nitrogen oxides (NO_x) emissions limit for Units 1 and 2 from 0.33 to 0.07 pounds per million British thermal unit based on a 12-month rolling average. The lower emissions rate will allow the plant to meet its obligations to the Department's Division of Water Resource Management with regard to the Total Maximum Daily Load (TMDL) and the related Basin Management Action Plan (BMAP) for the Lower St. Johns River. The work will be performed in Putnam County, 7 miles north of Palatka at 890 North U.S. Highway 17. The project results in a minor source air construction permit and is not subject to PSD preconstruction review.

The attached Final Determination summarizes the publication and comment process. There are no pending petitions for administrative hearings or extensions of time in which to file a petition for an administrative hearing. I recommend your approval of the attached final permit for this project.

Attachments

TLV/jfk/bxt

FINAL DETERMINATION

PERMITTEE

Seminole Electric Cooperative, Inc.
16313 North Dale Mabry Highway
Tampa, Florida 33618

PERMITTING AUTHORITY

Florida Department of Environmental Protection (Department)
Division of Air Resource Management
Bureau of Air Regulation, New Source Review Section
2600 Blair Stone Road, MS #5505
Tallahassee, Florida 32399-2400

PROJECT

Air Permit No. 1070025-012-AC
Minor Air Construction Permit
Seminole Generating Station

This project revises original Permit No. 1070025-004-AC to reduce the combined nitrogen oxides (NO_x) emissions limit for Units 1 and 2 from 0.33 to 0.07 pounds per million British thermal unit based on a 12-month rolling average. The lower emissions rate will allow the plant to meet its obligations to the Department's Division of Water Resource Management with regard to the Total Maximum Daily Load (TMDL) and the related Basin Management Action Plan (BMAP) for the Lower St. Johns River.

NOTICE AND PUBLICATION

The Department distributed a draft minor air construction permit package on March 10, 2009. The applicant published the Public Notice in the Palatka Daily News on March 13, 2009. The Department received the proof of publication on April 2, 2009. No requests for administrative hearings or requests for extensions of time to file a petition for administrative hearing were received.

COMMENTS

No comments on the Draft Permit were received from the public, the Department's Northeast District Office, the EPA Region 4 Office or the applicant.

CONCLUSION

The final action of the Department is to issue the permit.



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

NOTICE OF PERMIT REVISION

In the Matter of an
Application for Permit by:

Seminole Electric Cooperative, Inc.
16313 North Dale Mabry Highway
Tampa, Florida 33618

Permit No. 1070025-012-AC
Seminole Generating Station
Units 1 and 2
Lower Nitrogen Oxides Emissions Limit
Putnam County, Florida

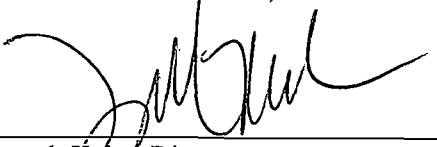
Authorized Representative:

Mr. Michael Opalinski
Senior Vice President of Strategic Services

Seminole Electric Cooperative, Inc. operates the Seminole Generating Station, which is an existing coal-fired steam electric generating plant categorized under Standard Industrial Classification Code No. 4911. The existing facility is located in Putnam County, 7 miles north of Palatka at 890 North U.S. Highway 17. This project revises original Permit No. 1070025-004-AC to reduce the combined nitrogen oxides (NO_x) emissions limit for Units 1 and 2 from 0.33 to 0.07 pounds per million British thermal unit based on a 12-month rolling average. The lower emissions rate will allow the plant to meet its obligations to the Department's Division of Water Resource Management with regard to the Total Maximum Daily Load (TMDL) and the related Basin Management Action Plan (BMAP) for the Lower St. Johns River. The project is not subject to the preconstruction review requirements of Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality. A copy of this letter shall be filed with the referenced permit and shall become part of the permit. This permit modification is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, 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 must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida



Joseph Kahn, Director
Division of Air Resource Management

4/6/09

(Date)

TLV/jfk/bxt

PERMIT REVISION

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that either this Notice of Permit Revision package (including the final Permit Revision) 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 4/7/09 to the persons listed below.

Mr. Michael Opalinski, Seminole Electric Cooperative, Inc. (mopalinski@seminole-electric.com)

Mr. Mike Roddy, Seminole Electric Cooperative, Inc. (wmroddy@seminole-electric.com)

Mr. Juan Ramirez, Seminole Electric Cooperative, Inc. (jramirez@seminole-electric.com)

Mr. Chris Kirts, NED Office (kirts_c@dep.state.fl.us)

Mr. Mike Halpin, DEP Siting Office (mike.halpin@dep.state.fl.us)

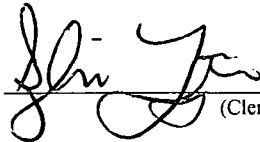
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epa.gov)

Ms. Heather Abrams, EPA Region 4 (abrams.heather@epamail.epa.gov)

Ms. Vickie Gibson, DEP BAR Reading File (victoria.gibson@dep.state.fl.us)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.


(Clerk)

4/7/09
(Date)

PERMIT REVISION

This permit action revises original Permit No. 1070025-004-AC.

The following permit conditions are revised as follows. Deleted text is marked by ~~strike through~~ and new text is marked with double underline. All other conditions are unchanged and the affected emissions units remain subject to the applicable requirements.

The following note and specific condition 8 in Section 3 of the air construction permit is modified as shown.

EMISSIONS STANDARDS

Note: A concurrent application is being processed for a new SGS Unit 3. Where affected, the below emission standards are shown for this project (Pollution Control Upgrades) as "interim" limits. As of the first monitoring period following the establishment of initial coal fires in SGS Unit 3, the latter "permanent" emission limits will become effective. This note does not apply to specific condition 8.

8. Nitrogen Oxides (NO_x):

- a. Once all upgrades are complete or by January 1, 2010, whichever is earlier, the combined ~~The interim Nitrogen Oxide~~ emissions from Units 1 and 2 shall not exceed ~~0.46~~ 0.07 lb/MMBtu, based upon a 12-month rolling average. Compliance shall be determined by data collected from the certified continuous emissions monitor (CEM).
- ~~b. The permanent limits shall be 0.33 lb/MMBtu (combined for Units 1 and 2), based upon a 12-month rolling average via CEMS.~~
- eb. The combined emissions rate shall be computed by adding the total pounds emitted for both Units 1 and 2, divided by the total MMBtu heat input for both Units 1 and 2 for each 12-month rolling period.
- dc. When operating the CBO fluidized bed combustor, the affected Steam Electric Generating Unit shall not exceed 0.20 lb/MMBtu NO_x emissions based on a 30-day rolling average via CEMS.

[40 CFR Parts 72 and 76; NSPS Subpart Db; ~~and PSD Avoidance;~~ and Permit No. 1070025-012-AC]

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Tuesday, April 07, 2009 10:47 AM
To: 'mopalinski@seminole-electric.com'
Cc: 'wmroddy@seminole-electric.com'; 'jramirez@seminole-electric.com'; Kirts, Christopher; Halpin, Mike; 'forney.kathleen@epa.gov'; 'abrams.heather@epamail.epa.gov'; Gibson, Victoria; Thomas, Bruce X.; Walker, Elizabeth (AIR)
Subject: Seminole Electric Cooperative, Inc. - SEMINOLE GENERATING STATION; 1070025-012-AC
Attachments: 1070025-012-AC_Signatures.pdf

Dear Sir/ Madam:

Attached is the official **Notice of Final Permit** for the project 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".

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Owner/Company Name: SEMINOLE ELECTRIC COOPERATIVE, INC.

Facility Name: SEMINOLE GENERATING STATION

Project Number: 1070025-012-AC

Permit Status: FINAL

Permit Activity: CONSTRUCTION

Facility County: PUTNAM

Processor: Bruce Thomas

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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>.

Livingston, Sylvia

From: Mike Roddy [WMRoddy@seminole-electric.com]
Sent: Tuesday, April 07, 2009 12:51 PM
To: Livingston, Sylvia
Subject: Re: Seminole Electric Cooperative, Inc. - SEMINOLE GENERATINGSTATION;
1070025-012-AC

Got it. Mike Roddy

>>> "Livingston, Sylvia" <Sylvia.Livingston@dep.state.fl.us> 4/7/2009 10:47 AM >>>

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Sylvia Livingston

Bureau of Air Regulation

Division of Air Resource Management (DARM)

850/921-9506

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Wednesday, April 29, 2009 12:05 PM
To: 'mopalinski@seminole-electric.com'
Subject: FW: Seminole Electric Cooperative, Inc. - SEMINOLE GENERATING STATION; 1070025-012-AC
Attachments: 1070025-012-AC_Signatures.pdf

Dear Mr. Opalinski,

We have not received confirmation that you were able to access the documents attached to this April 7th e-mail, as well as the documents provided in the link (http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1070025.012.AC.F_pdf.zip) referenced in the email. Please confirm receipt by opening the attachment and clicking on the link to the permit documents, and sending a reply to me.

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

From: Livingston, Sylvia
Sent: Tuesday, April 07, 2009 10:47 AM
To: 'mopalinski@seminole-electric.com'
Cc: 'wmroddy@seminole-electric.com'; 'jramirez@seminole-electric.com'; Kirts, Christopher; Halpin, Mike; 'forney.kathleen@epa.gov'; 'abrams.heather@epamail.epa.gov'; Gibson, Victoria; Thomas, Bruce X.; Walker, Elizabeth (AIR)
Subject: Seminole Electric Cooperative, Inc. - SEMINOLE GENERATING STATION; 1070025-012-AC

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Facility Name: SEMINOLE GENERATING STATION
Project Number: 1070025-012-AC
Permit Status: FINAL
Permit Activity: CONSTRUCTION
Facility County: PUTNAM
Processor: Bruce Thomas

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Livingston, Sylvia

From: Mike Opalinski [MOpalinski@seminole-electric.com]
Sent: Wednesday, April 29, 2009 1:18 PM
To: Livingston, Sylvia
Cc: Mike Roddy
Subject: Re: FW: Seminole Electric Cooperative, Inc. - SEMINOLEGENERATING STATION; 1070025-012-AC

This is to acknowledge my receipt.

>>> "Livingston, Sylvia" <Sylvia.Livingston@dep.state.fl.us> 4/29/2009 12:04 PM >>>

Dear Mr. Opalinski,

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

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.

From: Livingston, Sylvia
Sent: Tuesday, April 07, 2009 10:47 AM
To: 'mopalinski@seminole-electric.com'
Cc: 'wmroddy@seminole-electric.com'; 'jramirez@seminole-electric.com'; Kirts, Christopher; Halpin, Mike; 'forney.kathleen@epa.gov'; 'abrams.heather@epamail.epa.gov'; Gibson, Victoria; Thomas, Bruce X.; Walker, Elizabeth (AIR)
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