

Memorandum

Florida Department of Environmental Protection

TO: Trina Vielhauer, Chief, Bureau of Air Regulation
THROUGH: Jeff Koerner, New Source Review Section *JK*
FROM: Bruce Mitchell, New Source Review Section *BM*
DATE: April 15, 2009
SUBJECT: Project No. 1050233-025-AC/PSD-FL-194I
Tampa Electric Company, Polk Power Station Unit 1
Modification to Increase the Petroleum Coke Blend Ratio for Gasification and the
Efficiency of Sulfur Removal from the Syngas Prior to Combustion in the Combustion
Turbine
Extension of the Expiration Date of Permit No. 1050233-021-AC/PSD-FL-194H

The applicant submitted a request to extend Permit No. 1050233-021-AC/PSD-FL-194H to troubleshoot the system, conduct performance tests, submit the performance test reports and apply for incorporation of the applicable requirements into a Title V air operation permit. The attached letter extends the expiration date from June 1, 2009 to June 30, 2010.

Attachment



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 15, 2009

Sent Electronically - Return Receipt Requested

Mr. Mark J. Hornick, General Manager
Tampa Electric Company
Polk Power Station
P.O. Box 111
Tampa, Florida 33601

RE: Project No. 1050233-025-AC/PSD-FL-194I
Expiration Date Extension of Air Construction Permit No. 1050233-021-AC/PSD-FL-194H
Polk Power Station Unit 1 Modification

Dear Mr. Hornick:

On April 2, 2009, the Department of Environmental Protection (Department) received your application for an extension of the expiration date of air construction permit, No. 1050233-021-AC/PSD-FL-194H, which expires on June 1, 2009. The permit authorized an increase in the petroleum coke blend ratio allowed to be gasified at the Tampa Electric Company's (TECO's) Polk Power Station Unit 1 integrated gasification combined cycle facility. Unit 1 is now returning from a scheduled major outage, which may allow for an increase in the efficiency of sulfur removal from the syngas prior to combustion in the turbine. Since the authorized work has been completed, all that is left to be done to Unit 1 is to troubleshoot the system, conduct performance tests, submit the performance test reports and apply for incorporation of the applicable requirements into a Title V air operation permit. The request is being made because there isn't sufficient time to complete this work.

Based on the circumstances and information provided, the Department approves the request to extend the expiration date.

Determination: The expiration date of air construction permit No. 1050233-021-AC/PSD-FL-194H is hereby extended from **June 1, 2009 to June 30, 2010**, to provide the necessary time to troubleshoot the system, conduct performance tests, submit the performance test reports and apply for incorporation of the applicable requirements into a Title V air operation permit. A copy of this letter shall be filed with the referenced permit and shall become part of the permit. This permitting decision is issued pursuant to Chapter 403, Florida Statutes (F.S.).

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, F.S., and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The Permitting Authority responsible for making a permit determination for this project is the Bureau of Air Regulation in the Department's Division of Air Resource Management. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida. The Permitting Authority's mailing address is: 2600 Blair Stone Road, MS #5505, Tallahassee, Florida 32399-2400. The Permitting Authority's telephone number is 850/488-0114.

Petitions: A person whose substantial interests are affected by the proposed permitting 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 with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). Petitions must be filed within 14 days of receipt of this permit extension. A petitioner shall 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 (in a proceeding initiated by another party) 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 Permitting Authority'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 when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the 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 Permitting Authority's final action may be different from the position taken by it in this written 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.

Mediation: Mediation is not available in this proceeding.

Effective Date: This permitting decision is final and effective on the date filed with the clerk of the Department unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition pursuant to Rule 62-110.106, F.A.C., and the petition conforms to the content requirements of Rules 28-106.201 and 28-106.301, F.A.C. Upon timely filing of a petition or a request for extension of time, this action will not be effective until further order of the Department.

Judicial Review: Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., by filing 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, 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.



Trina Vielhauer, Chief
Bureau of Air Regulation

TLV/jfk/bm


CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Extension of Air Construction Permit Expiration Date 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 4/16/09 to the persons listed below.

Mr. Mark Hornick, TECO (mjhornick@tecoenergy.com)
Mr. Joshua Ellwein, P.E., TECO (jdellwein@tecoenergy.com)
Mr. Byron Burrows, TECO (btburrows@tecoenergy.com)
Ms. Mara Nasca, Southwest District Office (mara.nasca@dep.state.fl.us)
Ms. Heather Abrams, EPA Region 4 (abrams.heather@epamail.epa.gov)
Ms. Kathleen Forney, EPA Region 4 (forney.kathleen@epamail.epa.gov)
Ms. Catherine Collins, Fish and Wildlife Service (catherine_collins@fws.gov)
Ms. Vickie Gibson, 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) 4/16/09 (Date)

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Thursday, April 16, 2009 12:51 PM
To: 'mjhornick@tecoenergy.com'
Cc: 'jdellwein@tecoenergy.com'; 'btburrows@tecoenergy.com'; Nasca, Mara; 'abrams.heather@epamail.epa.gov'; 'forney.kathleen@epamail.epa.gov'; 'catherine_collins@fws.gov'; Gibson, Victoria; Mitchell, Bruce; Walker, Elizabeth (AIR); Zhang-Torres
Subject: TECO - POLK POWER STATION; 1050233-025-AC/PSD-FL-194H
Attachments: 1050233-025-AC_Signature.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". **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 permit project documents:

http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/1050233.025.AC.F_pdf.zip

Owner/Company Name: TAMPA ELECTRIC COMPANY

Facility Name: POLK POWER STATION

Project Number: 1050233-025-AC /PSD-FL-194H

Permit Status: FINAL

Permit Activity: CONSTRUCTION

Facility County: POLK

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>.

Permit project documents 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

Livingston, Sylvia

From: Ellwein, Joshua D. [jdelwein@tecoenergy.com]
Sent: Thursday, April 16, 2009 1:38 PM
To: Livingston, Sylvia; Hornick, Mark J.
Cc: Burrows, Byron T.; Nasca, Mara; 'abrams.heather@epamail.epa.gov'; 'forney.kathleen@epamail.epa.gov'; 'catherine_collins@fws.gov'; Gibson, Victoria; Mitchell, Bruce; Walker, Elizabeth (AIR); Zhang-Torres
Subject: Re: TECO - POLK POWER STATION; 1050233-025-AC/PSD-FL-194H

Please receive this message verifying receipt of the document(s) provided in the link.

Joshua Ellwein
Blackberry - 813.695.1692

From: Livingston, Sylvia
To: Hornick, Mark J.
Cc: Ellwein, Joshua D.; Burrows, Byron T.; Nasca, Mara ; abrams.heather@epamail.epa.gov ; forney.kathleen@epamail.epa.gov ; catherine_collins@fws.gov ; Gibson, Victoria ; Mitchell, Bruce ; Walker, Elizabeth (AIR) ; Zhang-Torres
Sent: Thu Apr 16 12:50:51 2009
Subject: TECO - POLK POWER STATION; 1050233-025-AC/PSD-FL-194H

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Livingston, Sylvia

From: Hornick, Mark J. [mjhornick@tecoenergy.com]
To: Livingston, Sylvia
Sent: Wednesday, April 29, 2009 10:33 AM
Subject: Read: FW: TECO - POLK POWER STATION; 1050233-025-AC/PSD-FL-194H

Your message

To: mjhornick@tecoenergy.com
Subject:

was read on 4/29/2009 10:33 AM.