

Livingston, Sylvia

From: Bishop, Ron D. [rdbishop@tecoenergy.com]
Sent: Tuesday, November 11, 2008 2:04 PM
To: Sheffield, Karen A.; Livingston, Sylvia
Cc: Burrows, Byron T.; Zwolak, Karen O.
Subject: RE: TECO - Big Bend Station/Project No. 0570039-042-AC/PSD-FL-390A - Extension of Air Permit 0570039-027-AC

I have received this permit. Thanks, Ron

From: Sheffield, Karen A.
Sent: Tuesday, November 11, 2008 9:56 AM
To: 'Livingston, Sylvia'
Cc: Bishop, Ron D.; Burrows, Byron T.; Zwolak, Karen O.
Subject: RE: TECO - Big Bend Station/Project No. 0570039-042-AC/PSD-FL-390A - Extension of Air Permit 0570039-027-AC

I received this correspondence. I am no longer the Responsible Official for Big Bend Power Station.

From: Livingston, Sylvia [mailto:Sylvia.Livingston@dep.state.fl.us]
Sent: Monday, November 10, 2008 4:59 PM
To: Burrows, Byron T.; Sheffield, Karen A.
Cc: campbell@epchc.org; Nasca, Mara; Lee@epchc.org; Gibson, Victoria; Walker, Elizabeth (AIR); Holladay, Cleve
Subject: TECO - Big Bend Station/Project No. 0570039-042-AC/PSD-FL-390A - Extension of Air Permit 0570039-027-AC

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

<<0570039-042-AC-F.pdf>>

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.

11/19/2008

Livingston, Sylvia

From: Sheffield, Karen A. [kashffield@tecoenergy.com]
Sent: Tuesday, November 11, 2008 9:56 AM
To: Livingston, Sylvia
Cc: Bishop, Ron D.; Burrows, Byron T.; Zwolak, Karen O.
Subject: RE: TECO - Big Bend Station/Project No. 0570039-042-AC/PSD-FL-390A - Extension of Air Permit 0570039-027-AC

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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

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11/19/2008

Florida Department of Environmental Protection

Memorandum

TO: Trina Vielhauer, Bureau of Air Regulation
FROM: Cleve ^{CH}Holladay and Syed ^{SA}Arif, New Source Review Section
DATE: November 10, 2008
SUBJECT: Extension of time to complete requirements for Unit 4
Tampa Bay Electric Company Big Bend Station Unit 4 Carbon Monoxide Emission
Limit
Project No. 0570039-042-AC/PSD-FL-390A
Modification of Air Permit 0570039-027-AC

Attached for your approval and signature is a permit modification to extend the expiration date for the above referenced air permit. On January 15, 2008, the Department issued Air Permit No. 0570039-027-AC to increase CO emissions pursuant to a determination of BACT and requires the installation of a continuous emissions monitoring system (CO-CEMS) following the recently completed installation and operation of required NOx control systems on the Unit No. 4 steam generator. The permit included a requirement in Specific Condition 15 that upon completing collection of 6 months of operating CO-CEMS data, an Optimization Study Report (Report) was to be submitted followed by an application for a Title V air operation permit. The Department received a request to extend the date by which the permit would expire to March 31, 2009 to accommodate the time for Unit 4 to collect the CO-CEMS data, and prepare and submit the Report. The Report was not completed for the following reason.

- Unit 4 does not have a full 6 months of operating CO-CEMS data due to Unit 4 unscheduled outages.

Based on the circumstances and information provided, I recommend your approval and signature.

Attachment

*Amendment
11/10/08*



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 10, 2008

Sent by Electronic Mail – Received Receipt Requested

Byron T. Burrows, P.E., Manager-Air Programs
Environmental Health & Safety
Tampa Electric Company (TECO)
P.O. Box 111
Tampa, Florida 33601-0111

Re: Extension of Air Construction Permit Expiration Date
Tampa Electric Company (TECO)-Big Bend Station
Project No. 0570039-042-AC/PSD-FL-390A
Extension of Air Permit No. 0570039-027-AC

Dear Mr. Burrows:

On September 25, 2008, Tampa Electric Company (TECO) requested an extension of the expiration date of air construction Permit No. 0570039-027-AC for the Big Bend Station located in Hillsborough County at 13031 Wyandotte Road in Apollo Beach, Florida. TECO requests the additional time to complete collection of six months of operating carbon monoxide continuous emissions monitoring system (CO-CEMS) data, to submit the required Optimization Study Report (Report), and to submit a timely Title V operating permit application. Based on the circumstances and information provided, the Department approves this request.

Determination: The expiration date is hereby extended from **December 31, 2008** to **March 31, 2009** to provide the necessary time to complete collection of 6 months of operating CO-CEMS data, to submit the Report, and submit a complete application for a Title V air operation permit. This permitting action does not authorize any new construction. 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.

Permitting Authority: Applications for air construction permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Department of Environmental Protection's Bureau of Air Regulation is the Permitting Authority responsible for making a determination for this project. The Permitting Authority's physical address is: 111 South Magnolia Drive, Suite #4, Tallahassee, Florida 32301. 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 / Facsimile: 850/245-2303). 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.

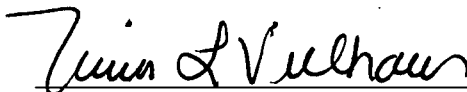
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this written notice. Persons whose substantial interests will be affected by any such 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 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.



Trina Vielhauer, Bureau Chief
Bureau of Air Regulation

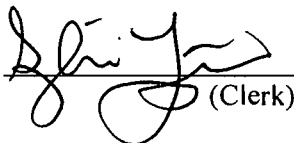
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this written notice of permit extension 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 4/10/08 to the persons listed below.

- Mr. Byron Burrows, Tampa Electric Company (btburrows@tecoenergy.com)
- Ms. Karen Sheffield, Tampa Electric Company (kasheffield@tecoenergy.com)
- Mr. Jerry Campbell, Hillsborough County (campbell@epchc.org)
- Ms. Mara Nasca, DEP-SWD (mara.nasca@dep.state.fl.us)
- Ms. Diana Lee (lee@epchc.org)
- Ms. Vickie Gibson, DEP-BAR (victoria.gibson@dep.state.fl.us) (for read file)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



(Clerk)

4/10/08

(Date)

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Monday, November 10, 2008 4:59 PM
To: 'btburrows@tecoenergy.com'; 'Karen Sheffield'
Cc: 'campbell@epchc.org'; Nasca, Mara; 'Lee@epchc.org'; Gibson, Victoria; Walker, Elizabeth (AIR); Holladay, Cleve
Subject: TECO - Big Bend Station/Project No. 0570039-042-AC/PSD-FL-390A - Extension of Air Permit 0570039-027-AC

Attachments: 0570039-042-AC-F.pdf

Dear Sir/Madam:

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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



0570039-042-AC-F.
pdf (924 KB)

Tracking:

Recipient

'btburrows@tecoenergy.com'
'Karen Sheffield'
'campbell@epchc.org'
Nasca, Mara
'Lee@epchc.org'
Gibson, Victoria
Walker, Elizabeth (AIR)
Holladay, Cleve

Delivery

Delivered: 11/10/2008 4:59 PM
Delivered: 11/10/2008 4:59 PM
Delivered: 11/10/2008 4:59 PM

Livingston, Sylvia

From: Burrows, Byron T. [BTBurrows@tecoenergy.com]
Sent: Monday, November 10, 2008 5:10 PM
To: Livingston, Sylvia
Cc: Ward, Julie M.
Subject: RE: TECO - Big Bend Station/Project No. 0570039-042-AC/PSD-FL-390A - Extension of Air Permit 0570039-027-AC

Hello Sylvia:
I have received and can view the documents attached to your email.
Thanks,

Byron

From: Livingston, Sylvia [Sylvia.Livingston@dep.state.fl.us]
Sent: Monday, November 10, 2008 4:58 PM
To: Burrows, Byron T.; Sheffield, Karen A.
Cc: campbell@epchc.org; Nasca, Mara; Lee@epchc.org; Gibson, Victoria; Walker, Elizabeth (AIR); Holladay, Cleve
Subject: TECO - Big Bend Station/Project No. 0570039-042-AC/PSD-FL-390A - Extension of Air Permit 0570039-027-AC

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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

<<0570039-042-AC-F.pdf>>

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LIST FOR NEW APPLICATIONS

Application Facility/Site Name: Teco BB

- Find out which section/Processor: Cleve Holladay
- EPSAP Application: Application Number/Version: _____

Box already selected to display on APDS

- Received Date:
 - Stamped date 9/25/2008
 - Special Instructions:

PSD-FL- 390A

Log Project: Project Number: 0570039-042 AC

Have project scanned (return to: Sylvia / Barbara / Elizabeth)

Document Date: 9 / 25 / 08

- Document Type:
 - Application
 - Correspondence

Notes for Scanning Staff:

Scanned 9/29/08 by [signature]

SEP 29 2008

*1K
9-29-08*

Already Scanned (look for it in APDS under air permit/project number)

Make Folder

Send Notification e-mail 9/29/08 by [signature]

EPA (Katy gets all EPA emailed notifications)

- Impact Area:
 - NPS
 - FWS
 - GEORGIA
 - Forest Service

District/Local (look in ARMS for Facility Office)

Permit Processor

Final Document Destination - File Sylvia Barbara Elizabeth



TAMPA ELECTRIC

September 24, 2008

Mr. Jonathan Holtom
Bureau of Air Regulation
Florida Department of Environmental Protection
Division of Air Resource Management
111 South Magnolia Drive, Suite 4
Tallahassee, FL 32301

RECEIVED

SEP 25 2008

BUREAU OF AIR REGULATION

Via FedEx
Airbill No. 7911 4517 7554

Re: Tampa Electric Company (TEC) Big Bend Station
Unit 4 Carbon Monoxide (CO) Emission Limit
Request for Permit Extension

DEP File No. ~~0570039-027-AC~~ 057039-042-AC / PSD-FL-390A
EU ID No. 004

Dear Mr. Holtom:

The purpose of this letter is to request an extension regarding the reference Air Construction permit. The Florida Department of Environmental Protection ("the Department") issued an air construction permit to Tampa Electric Company (TEC) authorizing the increase of carbon monoxide (CO) emissions pursuant to a determination of best available control technology (BACT) and requires the installation of a continuous emissions monitoring system (CO-CEMS) following the completion of installation and operation of required nitrogen oxides (NO_x) control systems on Unit 4 steam generator (Unit 4); reference Air Construction Permit 0570039-027-AC dated January 16, 2008 with an expiration date of December 31, 2008.

Big Bend Station is currently authorized by Title V Air Operation Permit No. 0570039-028-AV effective January 1, 2005 with an expiration date of December 31, 2009. A renewal application was submitted to the Department on June 5, 2008. The Unit 4 CO-CEMS installation project was completed and certified on March 24, 2008.

Specific Condition 15 states "Optimization Study Report: Upon completion of the 6-month evaluation period discussed in Specific Condition 14., above, the permittee shall submit to the Department a report summarizing the results of the various operational scenarios researched with the goal of overall control optimization of CO and NO_x. The report shall include a recommended final BACT determination."

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P. O. BOX 111 TAMPA, FL 33601-0111

(813) 228-4111

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POLK COUNTY (863) 299-0800
ALL OTHER COUNTIES 1 (888) 223-0800

Mr. Jonathan Holtom
September 24, 2008
Page 2 of 2

At the current date of this request, Unit 4 does not have a full 6-month of operating CO-CEMS data due to Unit unscheduled outages. In accordance with discussions between yourself and TEC staff, it was agreed that the Department would extend the reference permit expiration date to March 31, 2009, in order to accommodate the time for Unit 4 to collect the CO-CEMS data, prepare, and submit the Optimization Study Report (Report). TEC plans to submit the Report as soon as possible. TEC will submit an application for a Title V operating permit prior to December 31, 2008 to accommodate this Title V permit renewal application schedule.

I appreciate your consideration regarding this matter. If you have any questions regarding this request, please feel free to contact Thuy Nguyen at (813) 228-4654.

Sincerely,

A handwritten signature in black ink, appearing to read 'Byron T. Burrows', with a long horizontal line extending to the right.

Byron T. Burrows, P.E. BCEE
Manager - Air Programs
Environmental, Health & Safety

EHS/rk/ATN104

cc Ms. Mara Grace Nasca, FDEP-SW
Mr. Jerry Campbell, EPCHC

Livingston, Sylvia

From: Livingston, Sylvia
Sent: Monday, September 29, 2008 3:35 PM
To: 'Forney.Kathleen@epamail.epa.gov'; Nasca, Mara; 'woodard@epchc.org'; 'catherine_collins@fws.gov'
Cc: 'holladay_c@dep.state.fl.us'; Walker, Elizabeth (AIR)
Subject: **TECO - Big Bend Station Extension Request 0570039-042-AC/ PSD-FL-390A**

A new **Permit Application** has been received in Florida and is currently under review.

| | |
|----------------------------|----------------|
| ARMS PA Project ID: | 0570039-040-AC |
| | PSD-FL-390A |

| | |
|--------------------------------------|---|
| Facility Name: | TECO - Big Bend Station |
| Florida County: | Hillsborough |
| Project Description: | Request Permit Extension - Unit 4 CO Emission Limit |
| Permit Application Processor: | Cleve Holladay |
| Processor Phone: | (850)921-8986 |
| Processor Email Address: | Cleve.Holladay@dep.state.fl.us |

Or, Search for other Air Permit Documents on [Florida's Air Permit Documents Search](#).

Please direct any questions regarding this permit application to the permit application processor. If you have any problems accessing these documents please let me know.

Thanks,

Sylvia Livingston
Bureau of Air Regulation
Division of Air Resource Management (DARM)
850/921-0771

| Tracking: | Recipient | Delivery |
|------------------|-----------------------------------|------------------------------|
| | 'Forney.Kathleen@epamail.epa.gov' | |
| | Nasca, Mara | Delivered: 9/29/2008 3:35 PM |
| | 'woodard@epchc.org' | |
| | 'catherine_collins@fws.gov' | |
| | 'holladay_c@dep.state.fl.us' | Failed: 9/29/2008 3:35 PM |
| | Walker, Elizabeth (AIR) | Delivered: 9/29/2008 3:35 PM |