

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT

*In the Matter of an
Application for Air Permit by:*

Ms. Karen Sheffield, General Manager
Tampa Electric Company
P. O. Box 111
Tampa, Florida 33601-0111

DEP File No. 0570039-036-AC
Big Bend Station
Permit Re-Issuance
Hillsborough County

Enclosed is the Final Permit Number 0570039-036-AC for the Big Bend Station located at Big Bend Road in North Ruskin, Florida. This permitting action authorizes the re-issuance of air construction permit no. 0570039-031-AC with a new expiration date of December 31, 2008. Air construction permit no. 0570039-031-AC authorized the construction work for duct work separation as part of a scrubber tower separation initiative on Unit 4. As noted in the attached Final Determination, no changes were made to the permit as drafted. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; 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 of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.



Trina L. Vielhauer, Chief
Bureau of Air Regulation



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

June 6, 2008

Electronically Sent – Received Receipt Requested.

Tampa Electric Company
Post Office Box 111
Tampa, Florida 33601-0111

Big Bend Station
DEP File No. 0570039-031-AC
Facility ID No. 0570039
Hillsborough County, Florida

Authorized Representative:

Ms. Karen Sheffield, General Manager
kasheffield@tecoenergy.com

Permit Expires: December 31, 2008

Re: Air Construction Permit Modification -- Unit 4 SCR System
Permit Expiration Extension and Duct Work Separation for Scrubber Tower

Dear Ms. Sheffield:

The Florida Department of Environmental Protection (“the Department”) has reviewed your application to make some minor modifications to air construction Permit No. 0570039-020-AC that authorized the installation of a selective catalytic reduction (SCR) system for nitrogen oxides (NO_x) control on the facility’s Unit No. 4 coal-fired boiler. This Air Construction Permit Modification (0570039-031-AC): (1) extends the air construction permit expiration date from December 31, 2007 to ~~March 31, 2008~~, and (2) authorizes the construction work for duct work separation as part of a scrubber tower separation initiative. The current air construction permit for Unit No. 4 has not yet expired. Therefore, the changes requested will be addressed as an Air Construction Permit Modification.

MODIFICATIONS OF AIR CONSTRUCTION PERMIT NO. 0570039-020-AC

Double-underline denotes additions.

New Specific Conditions **A.14.1.** and **A.14.2.** are added as follows:

A.14.1. Currently, Units 3 and 4 of the facility share a common flue gas desulfurization scrubber and common stacks. During normal operation, flue gasses from both units are routed to this common scrubber. With this air construction permit, the permittee is authorized to perform the construction work for duct work separation as part of a scrubber tower separation initiative. This initiative (to split the common scrubber) is necessary in order for the plant management to perform maintenance on one of the units while the other unit is operating. As a consequence, the towers will also be split and the duct work configured, dedicating a stack to each unit. [Rule 62-4.070(3), F.A.C.]

A.14.2. Future Actual Emissions Reporting. The permittee shall maintain and submit to the Department on an annual basis for a period of 5 years from the date the duct work separation initiative is placed in operation, information demonstrating in accordance with Rule 62-212.300(1)(e), F.A.C., using the emissions computation and reporting procedures in Rule 62-210.370, F.A.C., that the implementation of the initiative did not result in an emissions increase of SO₂ that would equal or exceed the respective significant emission rate as defined in Rule 62-210.200, F.A.C. [Rule 62-212.300(1)(e), F.A.C.]

A copy of this letter shall be filed with the referenced permit and shall become part of the permit. Any party to this permitting decision (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 thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Joseph Kahn, Director
Division of Air Resource Management

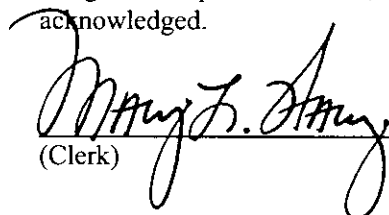
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this PERMIT MODIFICATION was sent electronically (with Received Receipt Requested) before the close of business on 6/6/08 to the person(s) listed below:

Karen Sheffield, General Manager, TEC kasheffield@tecoenergy.com
Byron Burrows, TEC btburrows@tecoenergy.com
Tom Davis, ETC tdavis@ectinc.com
Mara Nasca, FDEP-SWD mara.nasca@dep.state.fl.us
Jerry Campbell, HCEPC Campbell@epchc.org
James Little, EPA Region 4 little.james@epa.gov

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) 6/6/08
(Date)

FINAL DETERMINATION

PERMITTEE

Tampa Electric Company
Big Bend Station
P. O. Box 111
Tampa, Florida 33601-0111

PERMITTING AUTHORITY

Florida Department of Environmental Protection
Division of Air Resource Management
Bureau of Air Regulation
2600 Blair Stone Road, MS# 5505
Tallahassee, Florida 32399-2400

PROJECT

Air Construction Permit No. 0570039-036-AC
Big Bend Station

This project authorizes the re-issuance of Air construction permit no. 0570039-031-AC and an extension of the expiration date to December 31, 2008. Air construction permit no. 0570039-031-AC has expired and a timely and complete application for a revision to the Title V air operation permit was not received. Construction of the duct work separation for the scrubber tower, which was authorized by permit no. 0570039-031-AC, is complete and no new construction for this project is authorized by this permitting action.

I. Public Notice.

An Intent to Issue Air Permit to Tampa Electric Company, for the Big Bend Station, located at Big Bend Road, North Ruskin, in Hillsborough County, was clerked on April 30, 2008. The Public Notice of Intent to Issue Air Permit was published in the Tampa Tribune on May 14, 2008. The Draft Permit was available for public inspection at the Department of Environmental Protection's Southwest District Office in Tampa and the permitting authority's office in Tallahassee. Proof of publication of the Public Notice of Intent to Issue Air Permit was received on May 20, 2008.

II. Public Comments.

No comments were received during the 14-day public comment period. Since no comments were received, the Draft Permit becomes the Final Permit.

III. Conclusion.

Since there were no comments received during the Public Notice period, no changes were made to the Draft Permit and the permitting authority hereby issues the Final Permit.

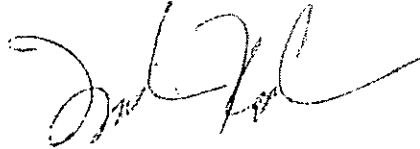
Tracking Page

Tampa Electric Company
Big Bend Station Unit 4

Air Construction Permit No. 0570039-031-AC
Selective Catalytic Reduction

A copy of this letter shall be filed with the referenced permit and shall become part of the permit. Any party to this permitting decision (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 thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Joseph Kahn, Director
Division of Air Resource Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this PERMIT MODIFICATION was sent electronically (with Received Receipt Requested) before the close of business on 6/6/08 to the person(s) listed below:

- Karen Sheffield, General Manager, TEC kasheffield@tecoenergy.com
- Byron Burrows, TEC btburrows@tecoenergy.com
- Tom Davis, ETC tdavis@ectinc.com
- Mara Nasca, FDEP-SWD mara.nasca@dep.state.fl.us
- Jerry Campbell, HCEPC Campbell@epchc.org
- James Little, EPA Region 4 little.james@epa.gov

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.

 6/6/08
(Clerk) (Date)

Harvey, Mary

From: Forney.Kathleen@epamail.epa.gov
Sent: Monday, June 09, 2008 8:44 AM
To: Harvey, Mary
Subject: Re: FW: Final Air Permit #0570039-036-AC - Tampa Electric Company

thanks

Katy R. Forney
Air Permits Section
EPA - Region 4
61 Forsyth St., SW
Atlanta, GA 30303

Phone: 404-562-9130
Fax: 404-562-9019

"Harvey, Mary"
<Mary.Harvey@dep
.state.fl.us>

06/06/2008 04:47
PM

To
Kathleen Forney/R4/USEPA/US@EPA
cc
Subject
FW: Final Air Permit
#0570039-036-AC - Tampa Electric
Company

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: Harvey, Mary
Sent: Friday, June 06, 2008 4:47 PM
To: 'Karen Sheffield, General Manager, TEC'; 'Byron Burrows, TEC'; 'Tom Davis, ETC'; Nasca, Mara; 'Jerry Campbell, HCEPC'
Cc: Walker, Elizabeth (AIR); Gibson, Victoria; Holtom, Jonathan
Subject: Final Air Permit #0570039-036-AC - Tampa Electric Company

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be

Harvey, Mary

From: Nasca, Mara
Sent: Friday, June 06, 2008 6:45 PM
To: Harvey, Mary
Subject: Re: Final Air Permit #0570039-036-AC - Tampa Electric Company

Thanks Mary

Sent from my BlackBerry Wireless Handheld

----- Original Message -----

From: Harvey, Mary
To: 'Karen Sheffield, General Manager, TEC' <kasheffield@tecoenergy.com>; 'Byron Burrows, TEC' <btburrows@tecoenergy.com>; 'Tom Davis, ETC' <tdavis@ectinc.com>; Nasca, Mara; 'Jerry Campbell, HCEPC' <Campbell@epchc.org>
Cc: Walker, Elizabeth (AIR); Gibson, Victoria; Holtom, Jonathan
Sent: Fri Jun 06 16:46:57 2008
Subject: Final Air Permit #0570039-036-AC - Tampa Electric Company

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 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,

DEP, Bureau of Air Regulation

Harvey, Mary

From: Tom Davis [tdavis@ectinc.com]
Sent: Friday, June 06, 2008 5:18 PM
To: Harvey, Mary
Subject: RE: Final Air Permit #0570039-036-AC - Tampa Electric Company

From: Harvey, Mary [mailto:Mary.Harvey@dep.state.fl.us]
Sent: Friday, June 06, 2008 4:47 PM
To: Karen Sheffield, General Manager, TEC; Byron Burrows, TEC; Tom Davis, ETC; Nasca, Mara; Jerry Campbell, HCEPC
Cc: Walker, Elizabeth \ (AIR\); Gibson, Victoria; Holtom, Jonathan
Subject: Final Air Permit #0570039-036-AC - Tampa Electric Company

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Harvey, Mary

From: Byron Burrows [btburrows@tecoenergy.com]
Sent: Friday, June 06, 2008 5:04 PM
To: Harvey, Mary
Subject: Re: Final Air Permit #0570039-036-AC - Tampa Electric Company

Received. Thanks!

Byron T. Burrows, P.E. BCEE
Manager, Air Programs
Tampa Electric Company
P.O. Box 111
Tampa, FL 33601-0111
Ph - 813.228.1282
Mob - 813.230.3445
Fax - 813.228.1308
btburrows@tecoenergy.com

>>> "Harvey, Mary" <Mary.Harvey@dep.state.fl.us> 06/06/08 4:46:57 PM >>>

Dear Sir/Madam:

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6/9/2008

Harvey, Mary

From: Byron Burrows [btburrows@tecoenergy.com]
Sent: Friday, June 06, 2008 5:04 PM
To: Harvey, Mary
Subject: Re: Final Air Permit #0570039-036-AC - Tampa Electric Company

Received. Thanks!

Byron T. Burrows, P.E. BCEE
Manager, Air Programs
Tampa Electric Company
P.O. Box 111
Tampa, FL 33601-0111
Ph - 813.228.1282
Mob - 813.230.3445
Fax - 813.228.1308
btburrows@tecoenergy.com

>>> "Harvey, Mary" <Mary.Harvey@dep.state.fl.us> 06/06/08 4:46:57 PM >>>

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6/9/2008

Harvey, Mary

From: Karen Sheffield [kashffield@tecoenergy.com]
Sent: Monday, June 09, 2008 12:33 PM
To: Harvey, Mary
Cc: Byron Burrows
Subject: Re: Final Air Permit #0570039-036-AC - Tampa Electric Company

Ms. Harvey, I received the attached documents. I am unsure if I already acknowledged receipt so I beg your pardon if I have already responded. Karen Sheffield

>>> "Harvey, Mary" <Mary.Harvey@dep.state.fl.us> 06/06/2008 4:46 PM >>>

Dear Sir/Madam:

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