

## MEMORANDUM

To: Trina L. Vielhauer  
Through: Russell A. Wider  
From: Tom Cascio  
Date: April 30, 2008  
Subject: Draft Air Construction Permit No. 0570039-035-AC  
Big Bend Plant

40M

The Tampa Electric Company currently holds an air construction permit to install a selective catalytic reduction (SCR) system for nitrogen oxides (NO<sub>x</sub>) control on the facility's Unit No. 3 coal-fired boiler. This air construction permit modification (0570039-035-AC) revises the language of the specific conditions of the previously issued permit. Specifically, this permit modification changes the date for NO<sub>x</sub> emissions compliance and reporting by extending the date by one month. The cause of the delay was unanticipated damage to the steam turbine rotor while in for repairs. This facility is an existing major PSD source. We have concluded that the proposed change will not result in a significant net emissions increase, and thus it is not necessary to perform a review for prevention of significant deterioration.

The application was received on April 4, 2008. Day 30 is May 4, 2008.

We recommend your signature and forwarding to Elizabeth for clerking.



# 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 30, 2008

*Electronically Sent – Received Receipt Requested.*

Ms. Karen Sheffield, General Manager: [kasheffield@tecoenergy.com](mailto:kasheffield@tecoenergy.com)  
Tampa Electric Company  
Post Office Box 111  
Tampa, Florida 33601-0111

Re: DEP File No. 0570039-035-AC  
Big Bend Plant

Dear Ms. Sheffield:

Enclosed is one copy of the Draft Air Construction Permit to change the date for nitrogen oxides emissions compliance and reporting for Unit 3 at the Big Bend Plant in North Ruskin, Hillsborough County. The cause of the delay was unanticipated damage to the steam turbine rotor while in for repairs. The Department's Intent to Issue Air Construction Permit and the Public Notice of Intent to Issue Air Construction Permit are also included.

The Public Notice must be published one time only as soon as possible in a newspaper of general circulation in the area affected, pursuant to the requirements of Chapter 50, Florida Statutes. Proof of publication, such as a newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in denial of the permit.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Russell A. Wider, P.E., Program Administrator, at the letterhead address. If you have any questions regarding this matter, please contact Tom Cascio at (850) 921-9526 or Mr. Wider at (850) 921-9527.

Sincerely,

Trina L. Vielhauer, Chief  
Bureau of Air Regulation

TLV/raw/tbc

Enclosures

**WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT**

---

In the Matter of an  
Application for Permit by:

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

Draft Air Permit No. 0570039-035-AC  
Big Bend Plant  
Compliance Date Change  
Hillsborough County, Florida

*Authorized Representative:*

Ms. Karen Sheffield, General Manager

**Facility Location:** Tampa Electric Company (TEC) operates the Big Bend Plant, located at Big Bend Road, North Ruskin, Hillsborough County.

**Project:** TEC currently holds an air construction permit to install a selective catalytic reduction (SCR) system for nitrogen oxides (NO<sub>x</sub>) control on the facility's Unit No. 3 coal-fired boiler. This air construction permit modification (0570039-035-AC) revises the language of the specific conditions of the previously issued permit. Specifically, this permit modification changes the date for NO<sub>x</sub> emissions compliance and reporting by extending the date by one month. The cause of the delay was unanticipated damage to the steam turbine rotor while in for repairs. The Department has concluded that the proposed change will not result in a significant net emissions increase, and thus it is not necessary to perform a review for prevention of significant deterioration.

**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 Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. 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.

**Project File:** A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

**Notice of Intent to Issue Permit:** The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

**Public Notice:** Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact

---

**WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT**

---

the Permitting Authority at above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

**Comments:** The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

**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. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. 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. If there are none, the petition must so state; (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 of Intent to Issue Air Permit. 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.

## PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

Florida Department of Environmental Protection  
Division of Air Resource Management, Bureau of Air Regulation  
Draft Permit No. 0570039-035-AC  
Tampa Electric Company  
Big Bend Plant  
Hillsborough County

**Applicant:** The applicant for this project is Tampa Electric Company (TEC). The applicant's authorized representative and mailing address are: Ms. Karen Sheffield, General Manager, TEC, Post Office Box 111, Tampa, Florida 33601-0111.

**Facility Location:** TEC operates the Big Bend Plant, located at Big Bend Road, North Ruskin, Hillsborough County.

**Project:** TEC currently holds an air construction permit to install a selective catalytic reduction (SCR) system for nitrogen oxides (NO<sub>x</sub>) control on the facility's Unit No. 3 coal-fired boiler. This air construction permit modification (0570039-035-AC) revises the language of the specific conditions of the previously issued permit. Specifically, this permit modification changes the date for NO<sub>x</sub> emissions compliance and reporting by extending the date by one month. The cause of the delay was unanticipated damage to the steam turbine rotor while in for repairs. The Department has concluded that the proposed change will not result in a significant net emissions increase, and thus it is not necessary to perform a review for prevention of significant deterioration.

**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 Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. 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.

**Project File:** A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site: <http://www.dep.state.fl.us/air/eproducts/apds/default.asp>.

**Notice of Intent to Issue Air Permit:** The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

**Comments:** The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

**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 at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of this Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. 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 rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (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 Public Notice of Intent to Issue Air Permit. 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 for this proceeding.

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

**Mediation:** Mediation is not available in this proceeding.

Executed in Tallahassee, Florida.



Trina L. Vielhauer, Chief  
Bureau of Air Regulation

**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit package (including the Public Notice and the Draft permit) and were sent by electronic mail, with received receipt requested before the close of business on 4/30/08 to the persons listed below:

Karen Sheffield, General Manager, TEC: [kasheffield@tecoenergy.com](mailto:kasheffield@tecoenergy.com)

Bryon T. Burrows, P.E., TEC: [btburrows@tecoenergy.com](mailto:btburrows@tecoenergy.com)

Julie Ward: [jmward@tecoenergy.com](mailto:jmward@tecoenergy.com)

Mara Nasca, FDEP-SWD: [mara.nasca@dep.state.fl.us](mailto:mara.nasca@dep.state.fl.us)

Jerry Campbell, HCEPC: [Campbell@epchc.org](mailto:Campbell@epchc.org)

Katy Forney, EPA Region 4: [forney.kathleen@epa.gov](mailto:forney.kathleen@epa.gov)

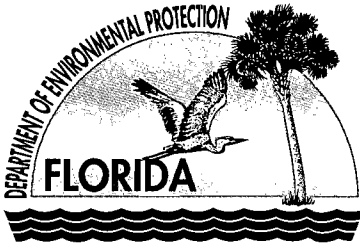
Clerk Stamp

**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)

4/30/08  
(Date)



# 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 30, 2008

*Electronically Sent – Received Receipt Requested.*

[kasheffield@tecoenergy.com](mailto:kasheffield@tecoenergy.com)

Ms. Karen Sheffield, General Manager  
Big Bend Station  
Post Office Box 111  
Tampa, Florida 33601-0111

Re: DEP File No. 0570039-035-AC  
Air Construction Permit Modification -- Unit 3 SCR System  
Compliance Date Change

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. 0570039-022-AC that authorized the installation of a selective catalytic reduction (SCR) system for nitrogen oxides (NO<sub>x</sub>) control on the facility’s Unit No. 3 coal-fired boiler. This Air Construction Permit Modification (0570039-035-AC) revises three specific conditions of the previously issued permit. Specifically, this permit modification changes the date for nitrogen oxides (NO<sub>x</sub>) emissions compliance and reporting by extending the date by one month. The current air construction permit for Unit No. 3 has not yet expired. Therefore, the change requested will be addressed as an Air Construction Permit Modification.

## MODIFICATIONS OF AIR CONSTRUCTION PERMIT NO. 0570039-022-AC

Double-underline denotes additions; ~~strikethrough~~ denotes deletions.

The following specific conditions are revised:

**A.16.** After ~~April 30~~ May 31, 2008, NO<sub>x</sub> emissions (reported as NO<sub>2</sub>) from Unit No. 3 when combusting solid fuel, shall not exceed 0.12 lb NO<sub>x</sub>/million Btu heat input on a heat input weighted 30-day rolling average basis. Based upon a maximum heat input of 4115 million Btu/hour, NO<sub>x</sub> emissions shall not exceed 494 lb/hr. These emission limits are based on the definition of “emission rate” so that an equation is used that divides total pounds of NO<sub>x</sub> by total heat input in each 30-day period to reach a 30-day rolling average.

[Applicant Request and EPA Consent Decree (U.S. vs. TEC) dated February 29, 2000, amended October 4, 2000, and FDEP Consent Final Judgment (DEP vs. TEC) dated December 6, 1999; ~~and~~ E-mail memorandum from EPA received on September 15, 2005; and Applicant Request and pending Consent Decree amendment.]

**A.20.** Compliance with the emission limiting standards specified in this Air Construction Permit shall be determined by ~~April 30~~ May 31, 2008, and annually thereafter, using the appropriate specific conditions of the facility’s existing Title V Air Operations Permit No. 0570039-017-AV, by using the appropriate EPA reference test methods, or Department test methods.

[0570039-017-AV; ~~and~~ Rules 62-204.220 and 62-4.070(3), F.A.C.; and Applicant Request and pending Consent Decree amendment.]



A.21. Compliance with the heat input weighted 30-day rolling average NO<sub>x</sub> emission limit of 0.12 lb NO<sub>x</sub>/mmBtu shall be demonstrated using CEMS data beginning ~~May 31~~ June 30, 2008 (or 30 boiler operating days after June 1, 2008), and every 30 boiler operating days thereafter.  
[Applicant Request and pending Consent Decree amendment.]

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 4/30/08 to the person(s) listed below:

Karen Sheffield, General Manager, TEC: [kasheffield@tecoenergy.com](mailto:kasheffield@tecoenergy.com)  
Bryon T. Burrows, P.E., TEC: [btburrows@tecoenergy.com](mailto:btburrows@tecoenergy.com)  
Julie Ward: [jmward@tecoenergy.com](mailto:jmward@tecoenergy.com)  
Mara Nasca, FDEP-SWD: [mara.nasca@dep.state.fl.us](mailto:mara.nasca@dep.state.fl.us)  
Jerry Campbell, HCEPC: [Campbell@epchc.org](mailto:Campbell@epchc.org)  
Katy Forney, EPA Region 4: [forney.kathleen@epa.gov](mailto:forney.kathleen@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.

*Mary J. Army* 4/30/08  
(Clerk) (Date)

**Harvey, Mary**

**From:** Harvey, Mary  
**Sent:** Wednesday, April 30, 2008 5:17 PM  
**To:** 'Karen Sheffield, General Manager, TEC:'; 'Bryon T. Burrows, P.E., TEC:'; 'Julie Ward:': Nasca, Mara; 'Jerry Campbell, HCEPC:': 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Wider, Russell; Gibson, Victoria; Walker, Elizabeth (AIR)  
**Subject:** FW: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT  
**Attachments:** 0570039.035.AC.D\_.pdf.zip; Document.pdf

Tracking:	Recipient	Delivery	Read
	'Karen Sheffield, General Manager, TEC:'		
	'Bryon T. Burrows, P.E., TEC:'		
	'Julie Ward:'		
	Nasca, Mara	Delivered: 4/30/2008 5:17 PM	Read: 4/30/2008 6:03 PM
	'Jerry Campbell, HCEPC:'		
	'Katy Forney, EPA Region 4:'		
	Cascio, Tom	Delivered: 4/30/2008 5:17 PM	Read: 5/1/2008 7:41 AM
	Wider, Russell	Delivered: 4/30/2008 5:17 PM	Read: 4/30/2008 5:19 PM
	Gibson, Victoria	Delivered: 4/30/2008 5:17 PM	
	Walker, Elizabeth (AIR)	Delivered: 4/30/2008 5:17 PM	

Good Afternoon All:

Please disregard the document page that is in the zip file. The correct document page should have Trina's signature. Thanks.

---

**From:** Harvey, Mary  
**Sent:** Wednesday, April 30, 2008 4:51 PM  
**To:** 'Karen Sheffield, General Manager, TEC:': 'Bryon T. Burrows, P.E., TEC:': 'Julie Ward:': Nasca, Mara; 'Jerry Campbell, HCEPC:': 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Wider, Russell; Walker, Elizabeth (AIR); Gibson, Victoria  
**Subject:** Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

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>.

5/2/2008

**Harvey, Mary**

---

**From:** Cascio, Tom  
**Sent:** Thursday, May 01, 2008 7:46 AM  
**To:** Harvey, Mary  
**Cc:** Walker, Elizabeth (AIR); Wider, Russell  
**Subject:** RE: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

Thanks, Mary. We appreciate the fast service.

Tom

---

**From:** Harvey, Mary  
**Sent:** Wednesday, April 30, 2008 5:17 PM  
**To:** 'Karen Sheffield, General Manager, TEC:; 'Bryon T. Burrows, P.E., TEC:; 'Julie Ward:; Nasca, Mara; 'Jerry Campbell, HCEPC:; 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Wider, Russell; Gibson, Victoria; Walker, Elizabeth (AIR)  
**Subject:** FW: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

Good Afternoon All:

Please disregard the document page that is in the zip file. The correct document page should have Trina's signature. Thanks.

---

**From:** Harvey, Mary  
**Sent:** Wednesday, April 30, 2008 4:51 PM  
**To:** 'Karen Sheffield, General Manager, TEC:; 'Bryon T. Burrows, P.E., TEC:; 'Julie Ward:; Nasca, Mara; 'Jerry Campbell, HCEPC:; 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Wider, Russell; Walker, Elizabeth (AIR); Gibson, Victoria  
**Subject:** Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

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

## Harvey, Mary

---

**From:** Cascio, Tom  
**To:** Harvey, Mary  
**Sent:** Thursday, May 01, 2008 7:41 AM  
**Subject:** Read: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

Your message

**To:** 'Karen Sheffield, General Manager, TEC:'; 'Bryon T. Burrows, P.E., TEC:'; 'Julie Ward:'; Nasca, Mara; 'Jerry Campbell, HCEPC:'; 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Wider, Russell; Walker, Elizabeth (AIR); Gibson, Victoria  
**Subject:** Tampa Electric Company - DEP File #0570039-035-AC-DRAFT  
**Sent:** 4/30/2008 4:51 PM

was read on 5/1/2008 7:41 AM.

## Harvey, Mary

---

**From:** Nasca, Mara  
**Sent:** Wednesday, April 30, 2008 6:04 PM  
**To:** Prickett, Patricia  
**Cc:** Zhang-Torres; Harvey, Mary  
**Subject:** Fw: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

**Attachments:** 0570039.035.AC.D\_.pdf.zip; Document.pdf



0570039.035.AC.D Document.pdf (31  
\_pdf.zip (219 ... KB)

-----  
Sent from my BlackBerry Wireless Handheld

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

**From:** Harvey, Mary  
**To:** 'Karen Sheffield, General Manager, TEC:' <kasheffield@tecoenergy.com>; 'Bryon T. Burrows, P.E., TEC:' <btburrows@tecoenergy.com>; 'Julie Ward:' <jmward@tecoenergy.com>; Nasca, Mara; 'Jerry Campbell, HCEPC:' <Campbell@epchc.org>; 'Katy Forney, EPA Region 4:' <forney.kathleen@epa.gov>  
**Cc:** Cascio, Tom; Wider, Russell; Gibson, Victoria; Walker, Elizabeth (AIR)  
**Sent:** Wed Apr 30 17:16:42 2008  
**Subject:** FW: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

Good Afternoon All:

Please disregard the document page that is in the zip file. The correct document page should have Trina's signature. Thanks.

-----  
**From:** Harvey, Mary  
**Sent:** Wednesday, April 30, 2008 4:51 PM  
**To:** 'Karen Sheffield, General Manager, TEC: '; 'Bryon T. Burrows, P.E., TEC: '; 'Julie Ward: '; Nasca, Mara; 'Jerry Campbell, HCEPC: '; 'Katy Forney, EPA Region 4: '  
**Cc:** Cascio, Tom; Wider, Russell; Walker, Elizabeth (AIR); Gibson, Victoria  
**Subject:** Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

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>.

## Harvey, Mary

---

**From:** Nasca, Mara  
**To:** Harvey, Mary  
**Sent:** Wednesday, April 30, 2008 6:03 PM  
**Subject:** Read: FW: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

### Your message

**To:** 'Karen Sheffield, General Manager, TEC:'; 'Bryon T. Burrows, P.E., TEC:'; 'Julie Ward:'; Nasca, Mara; 'Jerry Campbell, HCEPC:'; 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Wider, Russell; Gibson, Victoria; Walker, Elizabeth (AIR)  
**Subject:** FW: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT  
**Sent:** 4/30/2008 5:17 PM

was read on 4/30/2008 6:03 PM.

## Harvey, Mary

---

**From:** Nasca, Mara  
**To:** Harvey, Mary  
**Sent:** Wednesday, April 30, 2008 6:02 PM  
**Subject:** Read: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

Your message

**To:** 'Karen Sheffield, General Manager, TEC:; 'Bryon T. Burrows, P.E., TEC:; 'Julie Ward:; Nasca, Mara; 'Jerry Campbell, HCEPC:; 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Wider, Russell; Walker, Elizabeth (AIR); Gibson, Victoria  
**Subject:** Tampa Electric Company - DEP File #0570039-035-AC-DRAFT  
**Sent:** 4/30/2008 4:51 PM

was read on 4/30/2008 6:02 PM.

## Harvey, Mary

---

**From:** Byron Burrows [btburrows@tecoenergy.com]  
**Sent:** Wednesday, April 30, 2008 5:57 PM  
**To:** Harvey, Mary  
**Subject:** Re: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

Received.

From BlackBerry  
Byron Burrows  
Mob: 813.230.3445

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

From: "Harvey, Mary" <Mary.Harvey@dep.state.fl.us>  
Cc: Elizabeth (AIR) Walker <Elizabeth.Walker@dep.state.fl.us>  
To: Mara Nasca <Mara.Nasca@dep.state.fl.us>  
Cc: Russell Wider <Russell.Wider@dep.state.fl.us>  
Cc: Tom Cascio <Tom.Cascio@dep.state.fl.us>  
Cc: Victoria Gibson <Victoria.Gibson@dep.state.fl.us>  
To: EPA Region 4: Katy Forney <forney.kathleen@epa.gov>  
To: HCEPC: Jerry Campbell <Campbell@epchc.org>  
To: Karen Sheffield <kasheffield@tecoenergy.com>  
To: Byron Burrows <btburrows@tecoenergy.com>  
To: Julie Ward <jmward@tecoenergy.com>

Sent: 4/30/2008 4:51:17 PM  
Subject: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

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

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. Copy the url below to a web browser to complete the DEP



## Harvey, Mary

---

**From:** Nasca, Mara  
**Sent:** Wednesday, April 30, 2008 6:02 PM  
**To:** Prickett, Patricia  
**Cc:** Zhang-Torres; Harvey, Mary  
**Subject:** Fw: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

**Attachments:** 0570039.035.AC.D\_pdf.zip



0570039.035.AC.D  
\_pdf.zip (219 ...)

-----  
Sent from my BlackBerry Wireless Handheld

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

**From:** Harvey, Mary  
**To:** 'Karen Sheffield, General Manager, TEC:' <kasheffield@tecoenergy.com>; 'Bryon T. Burrows, P.E., TEC:' <btburrows@tecoenergy.com>; 'Julie Ward:' <jmward@tecoenergy.com>; Nasca, Mara; 'Jerry Campbell, HCEPC:' <Campbell@epchc.org>; 'Katy Forney, EPA Region 4:' <forney.kathleen@epa.gov>  
**Cc:** Cascio, Tom; Wider, Russell; Walker, Elizabeth (AIR); Gibson, Victoria  
**Sent:** Wed Apr 30 16:51:17 2008  
**Subject:** Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

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:** Wider, Russell  
**To:** Harvey, Mary  
**Sent:** Wednesday, April 30, 2008 5:08 PM  
**Subject:** Read: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

Your message

**To:** 'Karen Sheffield, General Manager, TEC:'; 'Bryon T. Burrows, P.E., TEC:'; 'Julie Ward:'; Nasca, Mara; 'Jerry Campbell, HCEPC:'; 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Wider, Russell; Walker, Elizabeth (AIR); Gibson, Victoria  
**Subject:** Tampa Electric Company - DEP File #0570039-035-AC-DRAFT  
**Sent:** 4/30/2008 4:51 PM

was read on 4/30/2008 5:06 PM.

## Harvey, Mary

---

**From:** Karen Sheffield [kasheffield@tecoenergy.com]  
**Sent:** Thursday, May 01, 2008 10:11 AM  
**To:** Harvey, Mary  
**Cc:** Byron Burrows  
**Subject:** Re: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

I received the attached documents.

>>> "Harvey, Mary" <Mary.Harvey@dep.state.fl.us> 04/30/2008 4:51 PM >>>

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

*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.*

## Harvey, Mary

---

**From:** Campbell, Jerry [Campbell@epchc.org]  
**To:** Harvey, Mary  
**Sent:** Thursday, May 01, 2008 2:16 PM  
**Subject:** Read: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

Your message

**To:** Campbell@epchc.org  
**Subject:**

was read on 5/1/2008 2:16 PM.

## Harvey, Mary

---

**From:** Campbell, Jerry [Campbell@epchc.org]  
**To:** Harvey, Mary  
**Sent:** Thursday, May 01, 2008 2:06 PM  
**Subject:** Read: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

Your message

To: Campbell@epchc.org  
Subject:

was read on 5/1/2008 2:06 PM.

## Harvey, Mary

---

**From:** Forney.Kathleen@epamail.epa.gov  
**Sent:** Sunday, May 04, 2008 5:50 PM  
**To:** Harvey, Mary  
**Subject:** Re: FW: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

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>

04/30/2008 05:18  
PM

To  
Kathleen Forney/R4/USEPA/US@EPA  
cc  
Subject  
FW: Tampa Electric Company - DEP  
File #0570039-035-AC-DRAFT

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: Wednesday, April 30, 2008 5:17 PM  
To: 'Karen Sheffield, General Manager, TEC: '; 'Bryon T. Burrows, P.E., TEC: '; 'Julie Ward: '; Nasca, Mara; 'Jerry Campbell, HCEPC: '; 'Katy Forney, EPA Region 4: '  
Cc: Cascio, Tom; Wider, Russell; Gibson, Victoria; Walker, Elizabeth  
(AIR)  
Subject: FW: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

Good Afternoon All:

Please disregard the document page that is in the zip file. The correct document page should have Trina's signature. Thanks.

## Harvey, Mary

---

**From:** Forney.Kathleen@epamail.epa.gov  
**Sent:** Sunday, May 04, 2008 5:51 PM  
**To:** Harvey, Mary  
**Subject:** Re: FW: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

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>

04/30/2008 04:52  
PM

To  
Kathleen Forney/R4/USEPA/US@EPA  
cc  
Subject  
FW: Tampa Electric Company - DEP  
File #0570039-035-AC-DRAFT

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: Wednesday, April 30, 2008 4:51 PM  
To: 'Karen Sheffield, General Manager, TEC: '; 'Bryon T. Burrows, P.E., TEC: '; 'Julie Ward: '; Nasca, Mara; 'Jerry Campbell, HCEPC: '; 'Katy Forney, EPA Region 4: '  
Cc: Cascio, Tom; Wider, Russell; Walker, Elizabeth (AIR); Gibson, Victoria  
Subject: Tampa Electric Company - DEP File #0570039-035-AC-DRAFT

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



TAMPA ELECTRIC

RECEIVED

MAY 12 2008

BUREAU OF AIR REGULATION

May 7, 2008

Ms. Trina L. Vielhauer  
Florida Department of Environmental Protection  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301

Via FedEx  
Airbill No. 7926 9568 3330

**Re: Tampa Electric Company  
Air Construction Permit Modification -- Unit 3 SCR  
Proof of Publication of the Intent to Issue  
DEP File No. 0570039-035-AC**

Dear Ms. Vielhauer:

Pursuant to Rule 62-110.106(5), F.A.C., enclosed is the proof of publication of the Notice of Intent to Issue the Tampa Electric Company Big Bend Station Air Construction Permit concerning Big Bend 3 SCR AC Permit Modification. This notice was published in the legal section of the Tampa Tribune on May 4, 2008.

Thank you for your attention to this matter. If you have any concerns or questions feel free to contact me or Julie Ward at (813) 228-4740

Sincerely,

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

EHS\rik\JM\W144

Enclosure

c/enc: Ms. Mara Nasca-FDEP SW District

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

(813) 228-4111

AN EQUAL OPPORTUNITY COMPANY  
TAMPAELECTRIC.COM

CUSTOMER SERVICE:  
HILLSBOROUGH COUNTY (813) 223-0800  
POLK COUNTY (863) 299-0800  
ALL OTHER COUNTIES 1 (888) 223-0800



**PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT**

Florida Department of Environmental Protection  
Division of Air  
Resource Management, Bureau of Air Regulation  
Draft Permit  
No. 0570039-035-AC Tampa Electric Company, Big Bend Plant  
Hillsborough County

# The Tampa Tribune

Published Daily

Tampa, Hillsborough County, Florida

State of Florida }  
County of Hillsborough } SS.

Before the undersigned authority personally appeared C. Pugh, who on oath says that she is the Advertising Billing Supervisor of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of the

Legal Ads IN THE Tampa Tribune

In the matter of Legal Notices

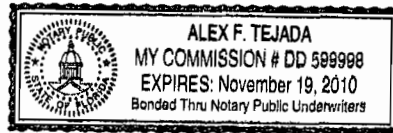
was published in said newspaper in the issues of

05/03/2008

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that she has neither paid nor promised any person, this advertisement for publication in the said newspaper.

Sworn to and subscribed by me, this 5 day of May, A.D. 2008

Personally Known  or Produced Identification \_\_\_\_\_  
Type of Identification Produced \_\_\_\_\_



**Applicant:** The applicant for this project is Tampa Electric Company (TEC). The applicant's authorized representative and mailing address are: Ms. Karen Sheffield, General Manager, TEC, Post Office Box 111, Tampa, Florida 33601-0111.

**Facility Location:** TEC operates the Big Bend Plant, located at Big Bend Road, North Ruskin, Hillsborough County.

**Project:** TEC currently holds an air construction permit to install a selective catalytic reduction (SCR) system for nitrogen oxides (NOx) control on the facility's Unit No. 1 coal-fired boiler. This air construction permit modification (0570039-035-AC) revises the language of the specific conditions of the previously issued permit. Specifically, this permit modification changes the date for NOx emissions compliance and reporting by extending the date by one month. The cause of the delay was unanticipated damage to the steam turbine rotor while in for repairs. The Department has concluded that the proposed change will not result in a significant net emissions increase, and thus it is not necessary to perform a review for prevention of significant deterioration.

**Permitting Authority:** Applications for air construction permits are subject to review in accordance with the provisions of Chapter 409, 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 Bureau of Air Regulation is the Permitting Authority responsible for making a permit determination for this project. 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 850/486-0114.

**Project File:** A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address and phone number listed above. In addition, electronic copies of these documents are available on the following web site: <http://www.dep.state.fl.us/air/products/apds/default.asp>.

**Notice of Intent to Issue Air Permit:** The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

**Comments:** The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of the Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of this 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

**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 at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of this Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition for notice of receipt of notice, regardless of the date of publication. 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 28.105 of the 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 rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (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 Public Notice of Intent to Issue Air Permit. 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 for this proceeding.

**NOTICE OF FINAL PERMIT**

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

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

Air Permit No. 0570039-035-AC  
Big Bend Station  
Compliance Date Change  
Hillsborough County

Authorized Representative:  
Ms. Karen Sheffield, General Manager

Enclosed is the final air construction permit, which changes the date for nitrogen oxides (NO<sub>x</sub>) emissions compliance and reporting by extending the date by one month. The permit affects work conducted at the Big Bend Station, which is located in Hillsborough County at Big Bend Road in North Ruskin, Florida. 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 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.



Trina L. Vielhauer, Chief  
Bureau of Air Regulation

TLV/raw/tbc

# Florida Department of Environmental Protection

## Memorandum

TO: Joseph Kahn, Division of Air Resource Management  
THROUGH: Trina L. Vielhauer, Bureau of Air Regulation  
Russell A. Wider, Title V Section  
FROM: Tom Cascio, Title V Section *TCM*  
DATE: May 29, 2008  
SUBJECT: Air Permit No. 0570039-035-AC  
Tampa Electric Company  
Big Bend Station  
Compliance Date Change

The Final Permit for this project is attached for your approval and signature, which changes the date for nitrogen oxides (NO<sub>x</sub>) emissions compliance and reporting by extending the date by one month. The change affects equipment installed at the Big Bend Station in Hillsborough County, Florida. The project results in a minor source air construction permit and is not subject to PSD preconstruction review. The applicant specifically asked that the Bureau of Air Regulation process this application.

The attached Final Determination identifies issuance of the draft permit, summarizes the publication process, and indicates that the Department received no comments on the Draft Permit.

I recommend your approval of the attached Final Permit for this project.

### Attachments

*Joe -*  
This extension was due to ~~the~~ damage to steam turbine rotor & further damage to it when it was sent to mfg. for repairs.  
*Trina*

## FINAL DETERMINATION

---

### PERMITTEE

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

### PERMITTING AUTHORITY

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

### PROJECT

Air Permit No. 0570039-035-AC  
Big Bend Station

This permit modification changes the date for nitrogen oxides (NO<sub>x</sub>) emissions compliance and reporting by extending the date by one month.

### NOTICE AND PUBLICATION

The Department distributed an Intent to Issue Permit package on April 30, 2008. The applicant published the Public Notice of Intent to Issue in the Tampa Tribune on May 3, 2008. The Department received the proof of publication on May 12, 2008.

### COMMENTS

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

### CONCLUSION

The final action of the Department is to issue the permit with no changes.



# 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

May 30, 2008

*Electronically Sent – Received Receipt Requested.*

[kasheffield@tecoenergy.com](mailto:kasheffield@tecoenergy.com)

Ms. Karen Sheffield, General Manager

Big Bend Station

Post Office Box 111

Tampa, Florida 33601-0111

Re: DEP File No. 0570039-035-AC  
Air Construction Permit Modification -- Unit 3 SCR System  
Compliance Date Change

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. 0570039-022-AC that authorized the installation of a selective catalytic reduction (SCR) system for nitrogen oxides (NO<sub>x</sub>) control on the facility’s Unit No. 3 coal-fired boiler. This Air Construction Permit Modification (0570039-035-AC) revises three specific conditions of the previously issued permit. Specifically, this permit modification changes the date for nitrogen oxides (NO<sub>x</sub>) emissions compliance and reporting by extending the date by one month. The current air construction permit for Unit No. 3 has not yet expired. Therefore, the change requested will be addressed as an Air Construction Permit Modification.

## MODIFICATIONS OF AIR CONSTRUCTION PERMIT NO. 0570039-022-AC

Double-underline denotes additions; ~~strikethrough~~ denotes deletions.

The following specific conditions are revised:

**A.16.** After ~~April 30~~ May 31, 2008, NO<sub>x</sub> emissions (reported as NO<sub>2</sub>) from Unit No. 3 when combusting solid fuel, shall not exceed 0.12 lb NO<sub>x</sub>/million Btu heat input on a heat input weighted 30-day rolling average basis. Based upon a maximum heat input of 4115 million Btu/hour, NO<sub>x</sub> emissions shall not exceed 494 lb/hr. These emission limits are based on the definition of “emission rate” so that an equation is used that divides total pounds of NO<sub>x</sub> by total heat input in each 30-day period to reach a 30-day rolling average.

[Applicant Request and EPA Consent Decree (U.S. vs. TEC) dated February 29, 2000, amended October 4, 2000, and FDEP Consent Final Judgment (DEP vs. TEC) dated December 6, 1999; ~~and~~ E-mail memorandum from EPA received on September 15, 2005; and Applicant Request and pending Consent Decree amendment.]

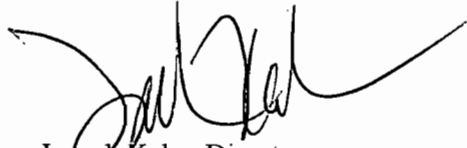
**A.20.** Compliance with the emission limiting standards specified in this Air Construction Permit shall be determined by ~~April 30~~ May 31, 2008, and annually thereafter, using the appropriate specific conditions of the facility’s existing Title V Air Operations Permit No. 0570039-017-AV, by using the appropriate EPA reference test methods, or Department test methods.

[0570039-017-AV; ~~and~~ Rules 62-204.220 and 62-4.070(3), F.A.C.; and Applicant Request and pending Consent Decree amendment.]

A.21. Compliance with the heat input weighted 30-day rolling average NO<sub>x</sub> emission limit of 0.12 lb NO<sub>x</sub>/mmBtu shall be demonstrated using CEMS data beginning ~~May 31~~ June 30, 2008 (or 30 boiler operating days after ~~May June~~ June 1, 2008), and every 30 boiler operating days thereafter.  
[Applicant Request and pending Consent Decree amendment.]

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.



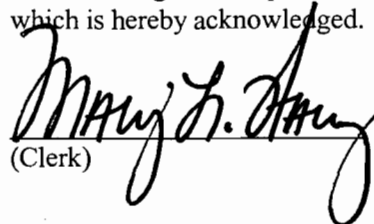
Joseph Kahn, Director  
Division of Air Resource Management

**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 6/3/08 to the person(s) listed below:

Karen Sheffield, General Manager, TEC: [kasheffield@tecoenergy.com](mailto:kasheffield@tecoenergy.com)  
Bryon T. Burrows, P.E., TEC: [btburrows@tecoenergy.com](mailto:btburrows@tecoenergy.com)  
Julie Ward: [jmward@tecoenergy.com](mailto:jmward@tecoenergy.com)  
Mara Nasca, FDEP-SWD: [mara.nasca@dep.state.fl.us](mailto:mara.nasca@dep.state.fl.us)  
Jerry Campbell, HCEPC: [Campbell@epchc.org](mailto:Campbell@epchc.org)  
Katy Forney, EPA Region 4: [forney.kathleen@epa.gov](mailto:forney.kathleen@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.

 6/3/08  
(Clerk) (Date)

**Harvey, Mary**

**From:** Harvey, Mary  
**Sent:** Tuesday, June 03, 2008 3:11 PM  
**To:** 'Karen Sheffield, General Manager, TEC:; 'Bryon T. Burrows, P.E., TEC:; 'Julie Ward:; Nasca, Mara; 'Jerry Campbell, HCEPC:; 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Walker, Elizabeth (AIR); Gibson, Victoria  
**Subject:** Air Permit #0570039-035-AC-FINAL - Tampa Electric Company - Big Bend Station  
**Attachments:** Document.pdf

Tracking:	Recipient	Delivery	Read
	'Karen Sheffield, General Manager, TEC:'		
	'Bryon T. Burrows, P.E., TEC:'		
	'Julie Ward:'		
	Nasca, Mara	Delivered: 6/3/2008 3:11 PM	
	'Jerry Campbell, HCEPC:'		
	'Katy Forney, EPA Region 4:'		
	Cascio, Tom	Delivered: 6/3/2008 3:11 PM	Read: 6/3/2008 3:27 PM
	Walker, Elizabeth (AIR)	Delivered: 6/3/2008 3:11 PM	
	Gibson, Victoria	Delivered: 6/3/2008 3:11 PM	Read: 6/3/2008 3:11 PM

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:** Gibson, Victoria  
**To:** Harvey, Mary  
**Sent:** Tuesday, June 03, 2008 3:11 PM  
**Subject:** Read: Air Permit #0570039-035-AC-FINAL - Tampa Electric Company - Big Bend Station

### Your message

**To:** 'Karen Sheffield, General Manager, TEC:; 'Bryon T. Burrows, P.E., TEC:; 'Julie Ward:; Nasca, Mara; 'Jerry Campbell, HCEPC:; 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Walker, Elizabeth (AIR); Gibson, Victoria  
**Subject:** Air Permit #0570039-035-AC-FINAL - Tampa Electric Company - Big Bend Station  
**Sent:** 6/3/2008 3:11 PM

was read on 6/3/2008 3:11 PM.

**Harvey, Mary**

---

**From:** Nasca, Mara  
**Sent:** Tuesday, June 03, 2008 4:34 PM  
**To:** Harvey, Mary  
**Cc:** Prickett, Patricia  
**Subject:** RE: Air Permit #0570039-035-AC-FINAL - Tampa Electric Company - Big Bend Station

Thanks Mary

---

**From:** Harvey, Mary  
**Sent:** Tuesday, June 03, 2008 3:11 PM  
**To:** 'Karen Sheffield, General Manager, TEC:;' 'Bryon T. Burrows, P.E., TEC:;' 'Julie Ward:;' Nasca, Mara; 'Jerry Campbell, HCEPC:;' 'Katy Forney, EPA Region 4:.'  
**Cc:** Cascio, Tom; Walker, Elizabeth (AIR); Gibson, Victoria  
**Subject:** Air Permit #0570039-035-AC-FINAL - Tampa Electric Company - Big Bend Station

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

6/3/2008

## Harvey, Mary

---

**From:** Byron Burrows [btburrows@tecoenergy.com]  
**Sent:** Tuesday, June 03, 2008 4:47 PM  
**To:** Harvey, Mary  
**Subject:** Re: Air Permit #0570039-035-AC-FINAL - Tampa Electric Company- Big Bend Station

Document Received. Thanks!

>>> "Harvey, Mary" <Mary.Harvey@dep.state.fl.us> 06/03/08 3:11:08 PM >>>

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

*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.*

6/3/2008

## Harvey, Mary

---

**From:** Campbell, Jerry [Campbell@epchc.org]  
**To:** Harvey, Mary  
**Sent:** Tuesday, June 03, 2008 10:41 PM  
**Subject:** Read: Air Permit #0570039-035-AC-FINAL - Tampa Electric Company - Big Bend Station

Your message

To: Campbell@epchc.org  
Subject:

was read on 6/3/2008 10:41 PM.

**Harvey, Mary**

---

**From:** Karen Sheffield [kasheffield@tecoenergy.com]  
**Sent:** Tuesday, June 03, 2008 6:23 PM  
**To:** Harvey, Mary  
**Subject:** Re: Air Permit #0570039-035-AC-FINAL - Tampa Electric Company- Big Bend Station

I received the attached document.

>>> "Harvey, Mary" <Mary.Harvey@dep.state.fl.us> 06/03/2008 3:11:08 PM >>>

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

*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.*

**Harvey, Mary**

---

**From:** Cascio, Tom  
**Sent:** Thursday, June 05, 2008 2:21 PM  
**To:** Harvey, Mary  
**Subject:** RE: Air Permit #0570039-035-AC-FINAL - Tampa Electric Company - Big Bend Station

Thanks, Mary.

---

**From:** Harvey, Mary  
**Sent:** Thursday, June 05, 2008 2:20 PM  
**To:** Cascio, Tom  
**Cc:** Friday, Barbara  
**Subject:** FW: Air Permit #0570039-035-AC-FINAL - Tampa Electric Company - Big Bend Station

Tom this permit was sent out on Tuesday.

Thanks,  
Mary

---

**From:** Harvey, Mary  
**Sent:** Tuesday, June 03, 2008 3:11 PM  
**To:** 'Karen Sheffield, General Manager, TEC:; 'Bryon T. Burrows, P.E., TEC:; 'Julie Ward:; Nasca, Mara; 'Jerry Campbell, HCEPC:; 'Katy Forney, EPA Region 4:'  
**Cc:** Cascio, Tom; Walker, Elizabeth (AIR); Gibson, Victoria  
**Subject:** Air Permit #0570039-035-AC-FINAL - Tampa Electric Company - Big Bend Station

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

6/5/2008