

Jeb Bush
Governor

Department of Environmental Protection

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

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

Big Bend Station
Air Permit No. **0570039-024-AC**

Enclosed is Final Air Construction Permit No. 0570039-024-AC. The air construction permit authorizes the installation of selective catalytic reduction systems for nitrogen oxides control on the solid fuel-fired Steam Generator Units No. 1 and 2.

An electronic version of this document has been posted on the Division of Air Resource Management's world wide web site for the United States Environmental Protection Agency (U.S. EPA) Region 4 office's review. The web site address is:

<http://www.dep.state.fl.us/air/eproducts/ards/default.asp>

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 thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.

Trina L. Vielhauer, Chief
Bureau of Air Regulation

"More Protection, Less Process"

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CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this permit was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 3/30/06 to the person(s) listed:

Karen Sheffield*

U.S. EPA, Region 4

Alice Harmon, Hillsborough County

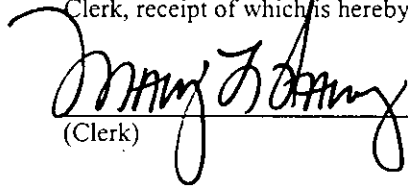
Shelly Castro, Tampa Electric Company

Thomas W. Davis, Environmental Consulting & Technology, Inc.

Clerk Stamp

FILED AND ACKNOWLEDGMENT

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


(Clerk) 3/30/06
(Date)

FINAL DETERMINATION

Tampa Electric Company
Big Bend Station

Air Construction Permit No. **0570039-024-AC**
Selective Catalytic Reduction

The Department distributed a public notice package on February 2, 2006, that included an Intent to Issue Air Construction Permit No. 0570039-024-AC to the Tampa Electric Company (TEC) for the Big Bend Station, located at Wyandotte Road, Apollo Beach, Hillsborough County. The air construction permit authorizes the applicant to install selective catalytic reduction systems for nitrogen oxides control on the solid fuel-fired Steam Generator Units No. 1 and 2.

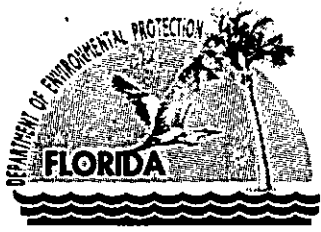
The Public Notice of Intent to Issue was published in the Tampa Tribune on February 23, 2006.

COMMENTS/CHANGES

- Comments from the applicant on the draft air construction permit were received via e-mail. The comments were primarily minor language changes and clarifications. These minor changes and clarifications were adopted in the final air construction permit document.
- No other comments were received by the Department from the public, U.S.EPA, Hillsborough County, or the applicant.

CONCLUSION

The final action of the Department is to issue the permit with the minor changes as indicated above.



Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

FINAL AIR CONSTRUCTION PERMIT NO. 0570039-024-AC

PERMITTEE

Tampa Electric Company (TEC)	File/Permit No.	0570039-024-AC
Big Bend Station	Facility ID:	0570039
Post Office Box 111	Project:	NO _x Reduction (SCR)
Tampa, Florida 33601-0111		Steam Generator Unit 1
		Steam Generator Unit 2
	SIC No.	4911
<i>Authorized Representative:</i>	Expires:	December 31, 2010
Karen Sheffield, General Manager	County	Hillsborough

PROJECT AND LOCATION

This is an Air Construction Permit for the installation of selective catalytic reduction systems for nitrogen oxides control on the solid fuel-fired Steam Generator Units No. 1 and 2. The reductions are part of an emissions reduction program required by a Consent Final Judgment with the Department and a Consent Decree with the United States Environmental Protection Agency. The air construction permit also establishes these specific projects as applicable Title V Operation Permit conditions.

The Tampa Electric Company (TEC) Big Bend Station is located at Wyandotte Road, Apollo Beach, Hillsborough County. UTM Coordinates are Zone 17, 361.9 km East and 3075.0 km North; Latitude: 27° 47' 36" North and Longitude: 82° 24' 11" West.

STATEMENT OF BASIS

This Air Construction Permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.). The above named permittee is authorized to install the SCR system at the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

THE ATTACHED APPENDIX IS MADE A PART OF THIS PERMIT:

Appendix GC

Construction Permit General Conditions

Michael G. Cooke, Director
Division of Air Resource Management

MGC/TLV/SMS/tbc

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FACILITY DESCRIPTION

This facility consists primarily of four existing fossil fuel steam generators (boilers) and three simple-cycle combustion turbines. Emissions from all steam generators are controlled by electrostatic precipitators (ESPs), and flue gas desulfurization (FGD) systems. There are ongoing nitrogen oxides (NO_x) control projects pursuant to a Consent Final Judgment (CFJ) between TEC and the Department and a Consent Decree (CD) between TEC and the United States Environmental Protection Agency (EPA).

EMISSIONS UNITS

This permit addresses the installation of an ammonia injection system and catalyst at the following Units:

Emission Unit No.	System	Emission Unit Description
001	Power Generation	445 MW Fossil Fuel Steam Generator
002	Power Generation	445 MW Fossil Fuel Steam Generator

The proposed project is called selective catalytic reduction (SCR). Recent NO_x control projects on Units 1 and 2 include installation of new coal burners suitable for low NO_x operation.

REGULATORY CLASSIFICATION

The facility is classified as a Major or Title V Source of air pollution because emissions of at least one regulated air pollutant, such as particulate matter (PM/PM₁₀), sulfur dioxide (SO₂), nitrogen oxides (NO_x), carbon monoxide (CO), or volatile organic compounds (VOC), exceed 100 tons per year (TPY).

The addition of SCR to Units No. 1 and 2 reduces NO_x emissions. The proposed project constitutes work that the Tampa Electric Company is expressly directed to undertake by a consent decree and a consent final judgment with the U.S. Environmental Protection Agency and the Florida Department of Environmental Protection.

PERMIT SCHEDULE

- February 23, 2006 Notice of Intent to Issue Permit published.
- February 2, 2006 Intent to Issue Permit distributed.
- December 29, 2005 Application deemed complete.
- December 29, 2005 Application received.

RELEVANT DOCUMENTS

The documents listed below are the basis of the permit. They are specifically related to this permitting action, but not all are incorporated into this permit. These documents are on file with the Department.

- Application received on December 29, 2005.
- The Department's Technical Evaluation and Preliminary Determination, issued concurrently with the draft air construction permit.
- EPA Consent Decree (U.S. vs. TEC) dated February 29, 2000, amended October 4, 2000.
- FDEP Consent Final Judgment (DEP vs. TEC) dated December 6, 1999.
- Title V Air Operation Permit Renewal No. 0570039-017-AV.
- Tampa Electric Submittals for PSC Docket 040750-EI.
- E-mail memorandum from EPA received on September 15, 2005.

PROJECT DESCRIPTION

TEC will install SCR systems for NO_x control on the facility's Units No. 1 and 2 coal-fired boilers. These emissions units are Riley Stoker Corporation "wet" bottom utility boilers, with a generator nameplate rating of 445 megawatts (MW). The basic boiler startup and shutdown procedures will not need to be altered with the addition of the SCR (i.e., the existing Units' boiler ramp rate is adequate for the SCR catalyst). The project consists of:

- Installation of a "three plus one" SCR reactor downstream of the economizer and upstream of the air preheater.
- Installation of an ammonia storage, supply, and injection system, the details of which are still under development.
- SCR tuning (i.e., adjustment of the ammonia injection grid) during the initial commissioning of the system and periodically thereafter.
- Installation of an ammonia injection sulfur trioxide (SO₃) control system downstream of the Units' air preheaters.
- Assessment of combined effects of SCR and previous NO_x and SO₃ control system projects upon fly ash marketability, and development of treatment, reuse, or disposal options for the fly ash.

The project is much more involved than suggested by the brief description above. Following are additional details of the work likely to occur in association with the SCR installation:

- Demolition of existing flue gas ductwork as necessary to tie-in the SCR system
- Demolition of existing structural steel, modification and reinforcement of existing steel supports for a new duct from the existing steel
- Economizer gas temperature control
- Gas ductwork from economizer outlet to the SCR inlet (includes hoppers, mixers and turning vanes)
- SCR reactor (includes equipment for catalyst management) and catalyst
- Gas ductwork between the SCR & air heater
- Foundations for ductwork and structural steel
- Structural modifications for construction cranes
- Ammonia or Urea to ammonia conversion system
- Air heater modifications
- Electrical modifications
- Relocation of existing equipment and utilities
- Mobilization/demobilization
- Equipment rental
- Engineering construction management
- Asbestos removal
- Boiler and ESP reinforcement
- New Induced Draft ("ID") fans and motors
- ID fan foundations and electrical
- New and modified ductwork
- Auxiliary power and controls modifications

PROJECT SCHEDULE

Emissions Unit ID Number	Estimated start date	Estimated completion date
001	August 1, 2006	May 1, 2010
002	August 1, 2006	May 1, 2009

ADMINISTRATIVE REQUIREMENTS

A.1. Regulating Agencies. All documents related to applications for permits to construct, operate or modify an emissions unit should be submitted to the Bureau of Air Regulation, Florida Department of Environmental Protection, at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, and phone number (850) 488-0114. All documents related to reports, tests, and notifications should be submitted to the Environmental Protection Commission of Hillsborough County, and copies of those submittals shall be sent to the Department of Environmental Protection, Southwest District Office.

Addresses and telephone numbers are:

Environmental Protection Commission of Hillsborough County
Roger P. Stewart Center
3629 Queen Palm Drive
Tampa, Florida 33619
Telephone: 813/627-2600; Fax: 813/627-2660

Department of Environmental Protection
Southwest District Office, Air Resources Section
13051 N Telecom Parkway
Temple Terrace, FL 33637-0926
Telephone: 813/632-7600; Fax: 813/632-7665

A.2. General Conditions. The owner and operator is subject to, and shall operate under the attached General Permit Conditions **G.1.** through **G.15.** listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes.
[Rule 62-4.160, F.A.C.]

A.3. Terminology. The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code (F.A.C.).

A.4. Forms and Application Procedures. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C., and follow the application procedures in Chapter 62-4, F.A.C.
[Rule 62-210.900, F.A.C.]

A.5. Modifications. The permittee shall give written notification to the Department when there is any modification to this facility. This notice shall be submitted sufficiently in advance of any critical date involved to allow sufficient time for review, discussion, and revision of plans, if necessary. Such notice shall include, but not be limited to, information describing the precise nature of the change; modifications to any emission control system; production capacity of the facility before and after the change; and the anticipated completion date of the change.
[Chapters 62-210 and 62-212, F.A.C.]

A.6. New or Additional Conditions. For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]

A.7. Permit Extension. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. [Rule 62-4.080, F.A.C.]

APPLICABLE STANDARDS AND REGULATIONS

A.8. Unless otherwise indicated in this permit, the construction and operation of the subject emission unit(s) shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S., and Florida Administrative Code Chapters 62-4, 62-103, 62-204, 62-210, 62-212, 62-213, 62-214, 62-296, and 62-297.

A.9. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]

A.10. The facility is subject to all of the requirements specified in Title V Air Operation Permit Renewal No. 0570039-017-AV.

A.10.1. An application for a Title V Air Operation Permit Revision, pursuant to Chapter 62-213, F.A.C., must be submitted to the Department's Bureau of Air Regulation to incorporate the specific conditions of this Air Construction Permit. [Chapter 62-213, F.A.C.]

GENERAL OPERATION REQUIREMENTS

A.11. Unconfined Particulate Emissions. During the construction period, unconfined particulate matter emissions shall be minimized by dust suppressing techniques such as covering and/or application of water or chemicals to the affected areas, as necessary. [Rule 62-296.320(4)(c), F.A.C.]

A.12. Plant Operation – Problems. If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the owner or operator shall notify the Environmental Protection Commission of Hillsborough County as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]

A.13. Operating Procedures. Operating procedures shall include good operating practices and proper training of all operators and supervisors. The good operating practices shall meet the guidelines and procedures as established by the equipment manufacturers. All operators (including supervisors) of air pollution control devices shall be properly trained in plant specific equipment. [Rule 62-4.070(3), F.A.C.]

A.14. Circumvention. The owner or operator shall not circumvent the air pollution control equipment nor operate the SCR equipment in such a manner which would violate allowable emission rates stated herein, notwithstanding the conditions provided in **A.15.1**.
[Rule 62-210.650, F.A.C.]

CONTROL TECHNOLOGY

A.15. The permittee shall install selective catalytic reduction (SCR) systems for nitrogen oxides (NO_x) control on the facility's Units No. 1 and 2 solid fuel-fired boilers.
[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.]

SCR OPERATION

A.15.1 The permittee shall operate the SCR system in accordance with the SCR system supplier's recommendations, including operating the SCR between minimum and maximum operating temperatures.
[Rule 62-4.070(3), F.A.C.]

A.15.2. The partial SCR maintenance bypass duct is normally closed except during maintenance periods.
[Rule 62-4.070(3), F.A.C.]

A.15.3. Abnormal events: "Abnormal events" are defined as an unanticipated interruption, malfunction, or failure of the pipeline or associated equipment utilized to supply ammonia to the Big Bend Station for use in the operation of the selective catalytic reduction control system. Excess emissions occurring from operation of the boilers during an abnormal event are authorized provided that best operational practices are employed to minimize the amount and duration of the emissions during an abnormal event. Emissions data collected during "abnormal events" may be excluded from the 30-day rolling compliance averages in accordance with this condition.
[Rule 62-4.070(3), F.A.C.]

EMISSION LIMITS AND STANDARDS

A.16. After April 30, 2010, NO_x emissions (reported as NO₂) from Unit No. 1 when combusting solid fuel, shall not exceed 0.12 lb NO_x/million Btu heat input on a heat input weighted 30 boiler operating day rolling average basis. After April 30, 2009, NO_x emissions (reported as NO₂) from Unit No. 2 when combusting solid fuel, shall not exceed 0.12 lb NO_x/million Btu heat input on a heat input weighted 30 boiler operating day rolling average basis. These emission limits are based on the definition of "emission rate" so that an equation is used that divides total pounds of NO_x 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; E-mail memorandum from EPA received on September 15, 2005.; and Rule 62-4.070(3), F.A.C.]

{Permitting Note: Limits in this condition are sufficient to also comply with requirements of: Rule 62-204.800(7)(b)2., F.A.C.; 40 CFR 60.44a(a); 40 CFR 60.4a(c); and PSD-FL-040}

A.17. Ammonia slip, measured at the stack downstream of all emissions control systems, shall not exceed 10 parts per million by volume (ppmv). Annual testing of ammonia slip shall be conducted, and corrective measures taken if measured values exceed 5 ppmv.
[Applicant request; and Rule 62-4.070(3), F.A.C.]

COMPLIANCE DETERMINATION

A.18. Nitrogen oxides emissions shall be continuously monitored to confirm compliance, using the Unit's existing continuous emissions monitoring system (CEMS). Compliance is determined by calculating the heat input weighted average of all hourly emission rates for NO_x for the 30 successive boiler operating days, except for data obtained during startup, shutdown, malfunction, or abnormal events. [Rule 62-204.800(7)(b)2., F.A.C.; 40 CFR 60.46a(g); 0570039-017-AV; and Rule 62-4.070(3), F.A.C.]

A.19. Compliance with the ammonia (NH₃) slip limit shall be determined using EPA conditional test method (CTM-027), EPA method 320, or other methods approved by the Department. [Rule 62-4.070(3), F.A.C.]

A.20. Compliance with the emission limiting standards specified in this Air Construction Permit shall be determined by April 30, 2010, for Unit No. 1, and by April 30, 2009, for Unit No. 2, 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.]

A.21. Compliance with the heat input weighted 30-day rolling average NO_x emission limit of 0.12 lb NO_x/mmBtu shall be demonstrated using CEMS data beginning May 31, 2010 (or 30 boiler operating days after May 1, 2010), for Unit No. 1, and beginning May 31, 2009 (or 30 boiler operating days after May 1, 2009), for Unit No. 2, and every 30 boiler operating days thereafter. [Rule 62-4.070(3), F.A.C.]

A.22. Test Results. Compliance test results shall be submitted to the Environmental Protection Commission of Hillsborough County and the Department no later than 45 days after completion of the last test run. [Rule 62-297.310(8), F.A.C.]

NOTIFICATION, REPORTING, AND RECORDKEEPING

A.23. Emission Compliance Stack Test Reports. A test report indicating the results of the required compliance tests shall be filed as per Specific Condition A.22. The test report shall provide sufficient detail on the tested emission unit and the procedures used to allow the compliance authority to determine if the test was properly conducted and if the test results were properly computed. [Rule 62-297.310(8), F.A.C.]

COMPLIANCE ASSURANCE

A.24. Compliance Assurance Monitoring (CAM). The permittee shall evaluate the applicability of CAM to Units No. 1 and 2, and, if applicable, submit a CAM plan as a revision to the facility's current Title V air operation permit. [40 CFR 64; and Rule 62-204.800, F.A.C.]

APPENDIX GC – GENERAL CONDITIONS

The permittee shall comply with the following general conditions from Rule 62-4.160, F.A.C.

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
 - a. Have access to and copy and records that must be kept under the conditions of the permit;
 - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
 - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
 - a. A description of and cause of non-compliance; and
 - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

APPENDIX GC – GENERAL CONDITIONS

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. This permit also constitutes:
 - a. Determination of Best Available Control Technology (NA);
 - b. Determination of Prevention of Significant Deterioration (NA); and
 - c. Compliance with New Source Performance Standards (NA).
14. The permittee shall comply with the following:
 - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
 - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
 - c. Records of monitoring information shall include:
 - 1) The date, exact place, and time of sampling or measurements;
 - 2) The person responsible for performing the sampling or measurements;
 - 3) The dates analyses were performed;
 - 4) The person responsible for performing the analyses;
 - 5) The analytical techniques or methods used; and
 - 6) The results of such analyses.
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

MEMORANDUM

To: Michael G. Cooke
From: *aaf* Trina L. Vielhauer
Date: March 14, 2006
Subject: Final Air Construction Permit No. 0570039-024-AC
Big Bend Station

This is an Air Construction Permit for the installation of selective catalytic reduction (SCR) systems for nitrogen oxides (NO_x) control on the facility's Units No. 1 and No. 2 coal-fired boilers. The bases for this permit are agreements entered into by Tampa Electric Company with the Environmental Protection Agency, and the Department, concerning the installation of additional pollution control systems at the facility. *Implementing this project will result in a significant decrease in nitrogen oxides potential emissions from the boilers.*

I recommend your signature.

Mike,
This is the last 2 SCR units (3&4 already permitted). Carbon Burnout (CBO) is still on hold as TECO & EPA discuss PSD & NO_x limits.
Trina

7000 1670 0013 3110 1687

Postage		Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Ms. Karen Sheffield, General Manager Big Bend Station Tampa Electric Company Post Office Box 111 Tampa, Florida 33601-0111		

PS Form 3800, May 2000 See reverse for instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

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

2. Article Number
 (Transfer from service label)

7000 1670 0013 3110 1687

COMPLETE THIS SECTION ON DELIVERY

A. Signature Addressee Agent

B. Received by (Printed Name) C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes