



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Mimi A. Drew
Secretary

December 20, 2010

Electronically Sent – Received Receipt Requested

Mr. Ronald D. Bishop, Director
Tampa Electric Company (TECO) - Big Bend Station
P.O. Box 111
Tampa, Florida 33601-0111

Re: Tampa Electric Company (TECO) - Big Bend Station
Simple Cycle Combustion Turbines SCCT 4A and 4B – Excess Emissions Authorization For
Combustor Tuning

Dear Mr. Bishop:

On December 16, 2010, the Department received a telephone call from Ms. Julie Ward requesting authorization for excess emissions while conducting tuning on the new simple cycle combustion turbines SCCT 4A and 4B, which is necessary to optimize operations and to reduce overall actual emissions. The preliminary schedule is to conduct the DLN tuning between now and the end of the year. Similar requests have previously been granted for units at other Plants. We believe it is reasonable to allow short periods of excess emissions during a tuning activity rather than experiencing long periods of higher emissions from a poorly tuned unit. The Department authorizes excess emissions due to tuning provided:

- The operator notifies the Hillsborough County Environmental Protection Commission's office at least one day prior to beginning the tuning session with a schedule for conducting the tuning;
- Tuning is conducted in accordance with the recommendations of the manufacturer or other similar industry procedures;
- The operator adheres to best operational practices to minimize emissions during the DLN tuning sessions; and
- Within 30 days of completing the tuning session, the owner or operator submits a report summarizing the hourly pollutant emissions during the tuning period.

Nothing in this action waves any federal requirements of the applicable New Source Performance Standards (NSPS) for this unit.

The Department will consider the above-noted action final unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, of the Florida Statutes (F.S.). Mediation under Section 120.573, F.S., will not be available for this proposed action.

A person whose substantial interests are affected by the proposed 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 (received) in the Department's Office of General Counsel, MS #35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000. Petitions filed by the applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice. Petitions filed by any other person must be filed within 14 (fourteen) days of receipt of this

Mr. Ronald D. Bishop, Director

December 20, 2010

Simple Cycle Combustion Turbines SCCT 4A and 4B, Authorization for Tuning

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proposed action. A petitioner must 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 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 Department'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 how and when each petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and, (g) A statement of the relief sought by the petitioner, stating precisely the action 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 Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by the filing of a Notice of Appeal, under Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, 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 of Appeal must be filed within thirty days from the date this notice is filed with the Clerk of the permitting authority.

Executed in Tallahassee, Florida.


fa Trina L. Vielhauer, Chief
Bureau of Air Regulation

TLV/jh

Mr. Ronald D. Bishop, Director

December 20, 2010

Simple Cycle Combustion Turbines SCCT 4A and 4B, Authorization for Tuning

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CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this authorization was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on 12/20/10 to the persons listed below.

Mr. Ronald D. Bishop, Director, TECO Big Bend Station: rdbishop@tecoenergy.com

Mr. Byron T. Burrows, P.E., Manager-Air Programs EHS, TECO: btburrows@tecoenergy.com

Ms. Julie Ward, Engineer-Air Programs EHS, TECO: jmward@tecoenergy.com

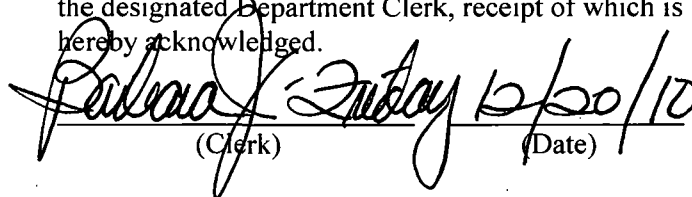
Mr. Jason Waters, P.E., EPCHC: watersj@epchc.org

Ms. Diana M. Lee, P.E., EPCHC: lee@epchc.org

Ms. Vickie Gibson, DEP BAR Reading File: (victoria.gibson@dep.state.fl.us)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.


(Clerk) 12/20/10 (Date)

Friday, Barbara

To: 'rdbishop@tecoenergy.com'
Cc: 'Byron Burrows'; 'jmward@tecoenergy.com'; watersj@epchc.org; 'lee@epchc.org'; Gibson, Victoria; Holtom, Jonathan
Subject: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning
Attachments: RonaldBishopTECOBigBendStationSCTT 4A and 4B.pdf

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software, *noting that you can view the documents*, and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.html>> .

The Bureau of Air Regulation is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

Thank you,

Barbara Friday
Division of Air Resource Management (DARM)
Department of Environmental Protection
850/921-9524
Barbara.Friday@dep.state.fl.us

Friday, Barbara

From: Microsoft Exchange
To: watersj@epchc.org; lee@epchc.org
Sent: Monday, December 20, 2010 1:28 PM
Subject: Relayed: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning

Delivery to these recipients or distribution lists is complete, but delivery notification was not sent by the destination:

watersj@epchc.org

lee@epchc.org

Subject: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning

Sent by Microsoft Exchange Server 2007

Friday, Barbara

From: Waters, Jason [watersj@epchc.org]
To: Friday, Barbara
Sent: Monday, December 20, 2010 3:36 PM
Subject: Read: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning

Your message was read on Monday, December 20, 2010 3:36:06 PM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Lee, Diana [Lee@epchc.org]
To: Friday, Barbara
Sent: Tuesday, December 21, 2010 4:49 PM
Subject: Read: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning

Your message was read on Tuesday, December 21, 2010 4:48:36 PM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara


From: Ward, Julie M. [jmward@tecoenergy.com]
Sent: Monday, December 20, 2010 1:39 PM
To: Friday, Barbara; Bishop, Ron D.
Cc: Burrows, Byron T.
Subject: RE: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning

We have received and can view the attached documents.

Thank you.

Julie Ward
Engineer
EH&S Air Programs
Tampa Electric Company

Office: (813) 228-4740
Cell: (813) 476-3237
Fax: (813) 228-1308
Email: jmward@tecoenergy.com

 Please consider the environmental impact before printing this e-mail

From: Friday, Barbara [<mailto:Barbara.Friday@dep.state.fl.us>]
Sent: Monday, December 20, 2010 1:30 PM
To: Bishop, Ron D.
Cc: Burrows, Byron T.; Ward, Julie M.; watersj@epchc.org; lee@epchc.org; Gibson, Victoria; Holtom, Jonathan
Subject: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning

Dear Sir/Madam:

Please send a "reply" message verifying receipt of the attached document(s); this may be done by selecting "Reply" on the menu bar of your e-mail software, *noting that you can view the documents*, and then selecting "Send". We must receive verification of receipt and your reply will preclude subsequent e-mail transmissions to verify receipt of the document(s).

The document(s) may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible.

The document is in Adobe Portable Document Format (pdf). Adobe Acrobat Reader can be downloaded for free at the following internet site: <<http://www.adobe.com/products/acrobat/readstep.htm>> .

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,

Barbara Friday
Division of Air Resource Management (DARM)
Department of Environmental Protection

850/921-9524

Barbara.Friday@dep.state.fl.us

The Department of Environmental Protection values your feedback as a customer. DEP Secretary Mimi Drew 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.

NOTICE: This email is intended only for the individual(s) to whom it is addressed and may contain confidential information. If you have received this email by mistake, please notify the sender immediately, delete this email from your system and do not copy or disclose it to anyone else. Although we take precautions to protect against viruses, we advise you to take your own precautions to protect against viruses as we accept no liability for any which remain.

Friday, Barbara

From: Holtom, Jonathan
Sent: Monday, December 20, 2010 1:30 PM
To: Friday, Barbara
Subject: Out of Office: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle
Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor
Tuning

I currently out of the office and will return on Monday 1/3/11. Please contact Tom Cascio at (850) 921-9526, or the main switchboard at (850) 488-0114, if you need help before I return.

Friday, Barbara

From: Microsoft Exchange
To: Holtom, Jonathan; Gibson, Victoria
Sent: Monday, December 20, 2010 1:28 PM
Subject: Delivered: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning

Your message has been delivered to the following recipients:

Holtom, Jonathan

Gibson, Victoria

Subject: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning

Sent by Microsoft Exchange Server 2007

Friday, Barbara

From: Holtom, Jonathan
To: Friday, Barbara
Sent: Monday, December 20, 2010 1:31 PM
Subject: Read: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning

Your message was read on Monday, December 20, 2010 1:31:15 PM (GMT-05:00) Eastern Time (US & Canada).

Friday, Barbara

From: Gibson, Victoria
To: Friday, Barbara
Sent: Monday, December 20, 2010 1:33 PM
Subject: Read: Tampa Electric Company (TECO) - Big Bend Station - Simple Cycle Combustion Turbines SCCT 4A and 4B - Excess Emissions Authorization for Combustor Tuning

Your message was read on Monday, December 20, 2010 1:33:04 PM (GMT-05:00) Eastern Time (US & Canada).