



Jeb Bush
Governor

Department of Environmental Protection

DEP06-0250

Twin Towers Building
2600 Blainstone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

March 15, 2006

- CERTIFIED MAIL - RETURN RECEIPT REQUESTED -

Gwen L. Shofner, P.E.
Tampa Electric Company
Post Office Box 111
Tampa, Florida 33601-0111

**RE: Tampa Electric Company Big Bend Unit 4
Modification to Conditions of Certification
DEP Case Number PA 79-12N
OGC Case Number 06-0103**

ORDER MODIFYING CONDITIONS OF CERTIFICATION

Dear Ms Shofner:

The Florida Department of Environmental Protection ("Department") gives notice of its intent to modify the Conditions of Certification of the Tampa Electric Company Big Bend Unit 4 power plant. The Department has prepared a proposed Order modifying the conditions of Certification. That proposed Order is attached.

On May 6, 2005, the Department issued an Air Construction Permit No. 0570039-020-AC for the Tampa Electric Company Big Bend Unit 4 Power Plant to install a selective catalytic reduction system for nitrogen oxides control. Also on Feb 28, 2005 the Department issued and administrative correction (Title V Permit 0570039-021-AV) to correct the calendar year dates listed in the Acid Rain Part within Final Title V Permit No.0580039-017-AV. Pursuant to Rule 62-17.211(4), Florida Administrative Code (F.A.C.) the Department proposes to modify the Conditions of Certification for this facility to conform them to these Permits.

On or before January 26, 2006, all parties to the certification proceeding were provided with notice by certified mail of the Department's intent to modify the Conditions of Certification for this facility, along with a copy of the proposed Order Modifying Conditions of Certification. Additionally, on or before January 30, 2006, notice of the Department's intent to modify the Conditions of Certification for this facility was published on the Department's internet home page at <http://www.dep.state.fl.us/> under the link or button titled "Official Notices." That notice specified that pursuant to Section 403.516, Florida Statutes ("F.S."), and Rule 62-17.211, F.A.C., all parties to the certification proceeding have 45 days from the issuance of the notice by mail to

such party's last address of record in which file a written objection to the modification; that any person who is not already a party to the certification proceeding and whose substantial interests will be affected by the requested modification has 30 days from the date of publication of the public notice in the FAW to object in writing; that failure to act within the time frame constitutes a waiver of the right to become a party; and that the Department will issue a Final Order Modifying the Conditions of Certification for this facility if no written objections are received by the Department.

No objections to the modification have been received by the Department. The Conditions of Certification for the Tampa Electric Company Big Bend Unit 4 are hereby modified as follows:

All reference to 'permittee' is changed to 'licensee'.

I. Air

The construction and operation of Big Bend Unit 4 at the Tampa Electric Company steam electric power plant site shall be in accordance with all applicable provisions of Chapters 62-4, 62-210, 62-212, 62-213, 62-214, 62-256, 62-257, 62-296, 62-297, 62-302, and 62-701, Florida Administrative Code, Air Construction Permit No. 0570039-020-AC and Title V permits 0570039-017-AV, 0570039-021-AV and any subsequent renewals, revisions or corrections to these permits. In addition to the foregoing, the permittee shall comply with the following conditions of certification:

A. Emission Limitations

1. Based on a maximum heat input of 4,330 million BTU per hour, stack emissions from Big Bend Unit 4 (Emission Unit 004) shall not exceed the following when burning coal or a coal/petroleum coke blend:

a. SO₂ - Sulfur dioxide emissions from Unit No. 4 when combusting solid fuel shall not exceed 0.82 lb/million Btu heat input and 10 percent of the potential combustion concentration (90 percent reduction). Based upon a heat input of 4330 million Btu/hour, SO₂ emissions shall not exceed 3551 lb/hr. Compliance with sulfur dioxide emission limitations and percent reduction requirements is determined on a 30-day rolling average basis. The sulfur dioxide emission standards apply at all times except during periods of startup, shutdown, or when both emergency conditions exist and the following procedures in specific condition I.A.15. are implemented.

b. NO_x – Nitrogen dioxide

1. Existing limitations through May 31, 2007. Nitrogen dioxide emissions from Unit No. 4 when combusting bituminous or anthracite coal, or a coal/petroleum coke blend, shall not exceed 0.60 lb/million Btu heat input. Based upon

a heat input of 4330 million Btu/hour, NO_x emissions shall not exceed 2598 lb/hr. These emission limits are based on a 30-day rolling average. These standards apply at all times except during periods of startup, shutdown, or malfunction.

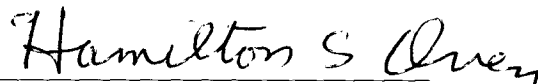
2. Limitations after May 31, 2007. Nitrogen dioxide emissions from Unit No. 4 when combusting bituminous or anthracite coal, or a coal/petroleum coke blend, shall not exceed 0.10 lb per million Btu heat input. Based upon a heat input limit of 4330 million Btu/hour, NO_x emissions shall not exceed 433 lb/hour. These emission limits are based on a 30-day rolling average.

2.-15. No Change.

16. The permittee shall install a selective catalytic reduction (SCR) system for nitrogen oxides (NO_x) control on the facility's Unit No. 4 solid fuel-fired boiler.

Any party to the this Order has a right to seek judicial review of it pursuant to Section 120.68, Florida Statutes by filing a Notice of Appeal, pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection in the Office of General Counsel, 3900 Commonwealth Boulevard, M.S. 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 Order is filed with the Clerk of the Department of Environmental Protection.

Executed in Tallahassee, Florida.



Hamilton S. Oven, P.E.
Administrator, Siting Coordination Office

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

 3-15-06
Clerk Date

TECO Big Bend Unit 4
Order Modifying Conditions of Certification
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CC:

Frank K. Anderson, Esquire
Cathy Bedell, Esquire
Lawrence N. Curtin, Esquire
Sara Fotopulos, Esquire
Stephanie G. Kruer, Esquire