

Jeb Bush
Governor

Department of Environmental Protection

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

Colleen M. Castille
Secretary

September 7, 2005

Mr Benjamin M. H. Borsch, P.E.
Manager, Safety Health & Environment
Calpine Corporation
2701 N. Rocky Point, Suite 1200
Tampa, Florida 33607

Re. PSD-FL-253 Permit Modification, Annual Testing Requirements
DEP File Number 1130168-006-AC
Santa Rosa Energy Center / Santa Rosa County

The applicant, Calpine Corporation, applied on July 19, 2005, to the Department for a change to the annual testing requirements. The request was to void annual testing requirements in the event that the facility operates for less than 400 hours per year. Natural gas is the sole fuel permitted for use at this facility.

The Department has reviewed the modification request. The referenced PSD permit is hereby modified as follows:

III. Emissions Unit(s) Specific Conditions
Compliance Determination:

31. Initial (I) performance tests shall be performed by the deadlines in condition 30. Initial tests shall also be conducted after any modifications (and shake down period not to exceed 100 days after re-starting the CT) of air pollution control equipment including installation of SCR or SNCR (if required). Annual (A) compliance tests shall be performed during every federal fiscal year (October 1 - September 30) pursuant to Rule 62-297.310(7), F.A.C., on these units as indicated. In the event that the facility does not combust natural gas for greater than 400 hours during the fiscal year, the requirement for annual compliance tests shall be waived. The following reference methods shall be used. No other test methods may be used for compliance testing unless prior DEP approval is received in writing.

- EPA Reference Method 5 or Method 17, "Determination of Particulate Emissions From Stationary Sources" (I, at stack only)
- EPA Reference Method 9, "Visual Determination of the Opacity of Emissions from Stationary Sources" (I, A)
- EPA Reference Method 10, "Determination of Carbon Monoxide Emissions from Stationary Sources" (I, A)
- EPA Reference Method 20, "Determination of Oxides of Nitrogen Oxide, Sulfur Dioxide and Diluent Emissions from Stationary Gas Turbines." Initial test only for compliance with 40CFR60 Subpart GG, Da NO_x BACT limits compliance by CEMs (24-hr average or 3-hr average if SCR/SNCR is required)

EPA Reference Method 18, and/or 25A, "Determination of Volatile Organic Concentrations" Initial test only.

All other terms and conditions of this permit remain unchanged. A copy of this letter shall be filed with the referenced permit and shall become part of the permit. This permit modification is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit modification) has the right to seek judicial review of it under Section 120.68, F.S., 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

"More Protection, Less Process"

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.

Michael G. Cooke
Michael G. Cooke, Director
Division of Air Resource
Management

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this PSD Permit Modification was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 9/8/05 to the person(s) listed:

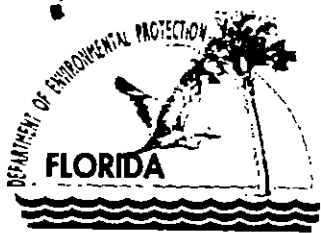
Benjamin M. H. Borsch, P.E. *
Heidi M. Whidden, Calpine Corporation
Sandra Veazey, FDEP NWD
Gregg Worley, EPA
John Bunyak, NPS

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 L. Army
(Clerk)

9/8/05
(Date)



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Governor

Department of Environmental Protection

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

Colleen M. Castille
Secretary

September 7, 2005

Mr. Benjamin M. H. Borsch, P.E.
Manager, Safety Health & Environment
Calpine Corporation
2701 N. Rocky Point, Suite 1200
Tampa, Florida 33607

Re. PSD-FL-255 Permit Modification, Annual Testing Requirements
DEP File Number 1130168-006-AC
Santa Rosa Energy Center / Santa Rosa County

The applicant, Calpine Corporation, applied on July 19, 2005, to the Department for a change to the annual testing requirements. The request was to void annual testing requirements in the event that the facility operates for less than 400 hours per year. Natural gas is the sole fuel permitted for use at this facility.

The Department has reviewed the modification request. The referenced PSD permit is hereby modified as follows:

III Emissions Unit(s) Specific Conditions Compliance Determination:

31 Initial (I) performance tests shall be performed by the deadlines in condition 30. Initial tests shall also be conducted after any modifications (and shake down period not to exceed 100 days after re-starting the CT) of air pollution control equipment, including installation of SCR or SNCR (if required). Annual (A) compliance tests shall be performed during every federal fiscal year (October 1 - September 30) pursuant to Rule 62-297.310(7), F.A.C., on these units as indicated. In the event that the facility does not combust natural gas for greater than 400 hours during the fiscal year, the requirement for annual compliance tests shall be waived. The following reference methods shall be used. No other test methods may be used for compliance testing unless prior DEP approval is received in writing.

- EPA Reference Method 5 or Method 17, "Determination of Particulate Emissions From Stationary Sources" (I, at stack only)
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- EPA Reference Method 10, "Determination of Carbon Monoxide Emissions from Stationary Sources" (I, A)
- EPA Reference Method 20, "Determination of Oxides of Nitrogen Oxide, Sulfur Dioxide and Diluent Emissions from Stationary Gas Turbines" Initial test only for compliance with 40CFR60 Subpart GG, Da NO_x BACT limits compliance by CEMs (24-hr average or 3-hr average if SCR/SNCR is required)

EPA Reference Method 18, and/or 25.A, "Determination of Volatile Organic Concentrations" Initial test only

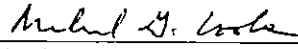
All other terms and conditions of this permit remain unchanged. A copy of this letter shall be filed with the referenced permit and shall become part of the permit. This permit modification is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permit modification) has the right to seek judicial review of it under Section 120.68, F.S., 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

"Clean Protection, Less Process"

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.


Michael G. Cooke, Director
Division of Air Resource
Management

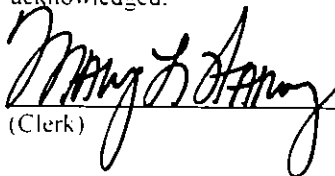
CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this PSD Permit Modification was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 9/8/05 to the person(s) listed:

Benjamin M. H. Borsch, P.E. *
Heidi M. Whidden, Calpine Corporation
Sandra Veazey, FDEP NWD
Gregg Worley, EPA
John Bunyak, NPS

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) 9/8/05
(Date)

Florida Department of
Environmental Protection

Memorandum

TO: Michael G. Cooke

THRU: Trina Vielhauer *TV*
Jeff Koerner *JK*

FROM: Michael P. Halpin *MH*

DATE: September 6, 2005

SUBJECT: Calpine – Santa Rosa Energy Center
PSD Permit Modification – Annual Testing Requirements
DEP File No. 1130168-006-AC, PSD-FL-253

Attached is the final permit modification relative to the Santa Rosa Energy Center. The modification allows for a change to the annual testing requirement, as a result of some anticipated periods of de minimus operation. The change waives the annual compliance test requirements in the event that the facility operation is such that natural gas is combusted for less than 400 hours per fiscal year. Natural gas is the sole fuel permitted for use at this facility, and the Department routinely waives annual compliance tests when fuel oil is burned for less than 400 hours per year.

Since there are no increases to emissions as a result of these changes, neither a Determination of Best Available Control Technology (BACT) nor an air quality analysis was required.

A public notice was made on August 17, 2005 in the Pensacola News Journal and no comments were received.

Accordingly, I recommend your approval.

Attachments

/mph

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> 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. 	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><i>X</i> <i>Michael J. Kelly</i></p> <p>B. Received by (<i>Printed Name</i>) <input type="checkbox"/> Date of Delivery <i>9/12</i></p>
<p>1. Article Addressed to:</p> <p>Mr. Benjamin B. H. Borsch, P.E., Manager Safety Health & Environment Calpine Corporation 2701 Rocky Point, Suite 1200 Tampa, Florida 33607</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type</p> <p><input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (<i>Extra Fee</i>) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p><i>7001 0320 0001 3692 2312</i></p>

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

7001 0320 0001 3692 2312

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		

To: Mr. Benjamin B. H. Borsch, P.E., Manager
 Sent: Safety Health & Environment
 Calpine Corporation
 Street or P.O. #: 2701 Rocky Point, Suite 1200
 City: Tampa, Florida 33607

PS Form 3800, January 2001 See Reverse for Instructions