



Florida Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

October 29, 1993

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Thomas M. Moses
District Administrator
Reedy Creek Improvement District
P. O. Box 10170
Lake Buena Vista, Florida 32830-0170

Dear Mr. Moses:

RE: Reedy Creek Improvement District (RCID)
Gas Turbine Generator and Heat Recovery Steam Generator with
Duct Burner
Orange County - Permit No. AC48-137740 (AO48-170280)
PSD-FL-123

The Department is in receipt of your letter dated September 29, 1993, on behalf of the above mentioned facility, requesting a permit amendment to change the continuous opacity monitoring requirement for the Heat Recovery Steam Generator (HRSG). RCID proposes to disconnect the fuel oil lines from the HRSG, thereby rendering it incapable of firing fuel oil and eliminating the requirement for a continuous opacity monitor system. The Department has considered your request and has agreed to amend the permit as proposed in your letter. This permit will be amended to include the following:

SPECIFIC CONDITION NO. 2:

FROM:

Only natural gas shall be fired in the turbine and duct burner. No. 2 oil shall be used in periods of curtailed natural gas supply. The duration of oil firing shall not exceed 14 days annually.

TO:

Natural gas shall be the **primary** fuel fired in the turbines and duct burner system. No. 2 fuel oil **can be used as a backup fuel in the turbine only for up to 14 days per year.**

Mr. Thomas M. Moses
October 29, 1993
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SPECIFIC CONDITION NO. 5:

FROM:

The duct burner NO_x emissions shall not exceed (corresponding to 0.2 lb/MMBtu) 4.6 lb/hr for gas or oil at 23 MMBtu input or 40 lbs/hr for gas or oil at 198 Btu/hr.

TO:

The duct burner NO_x emissions shall not exceed (corresponding to 0.2 lb/MMBtu) 4.6 lb/hr for gas at 23 MMBtu heat input or 40 lbs/hr for gas at 198 MMBtu/hr.

SPECIFIC CONDITION NO. 10(c)

FROM:

The project shall comply with all the applicable requirements of:

- a. Chapter 17-2, FAC.
- b. 40 CFR 60, Subpart GG, Gas Turbines.
- c. 40 CFR 60, Subpart Db, Industrial Steam Generating Units.

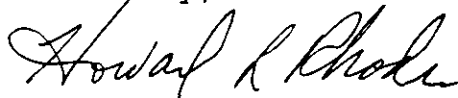
TO:

The project shall comply with all the applicable requirements of:

- a. Chapter 17-2, FAC.
- b. 40 CFR 60, Subpart GG, Gas Turbines.

If you have any questions, please contact Teresa Heron at (904) 488-1344 or write to me at the above address.

Sincerely,



Howard L. Rhodes
Director
Division of Air Resources
Management

HLR/TH/bjb

cc: Alex Alexander

Memorandum

Florida Department of
Environmental Protection

TO: Howard Rhodes
FROM: *John Brund*
fw Clair Fancy
DATE: October 29, 1993
SUBJ: Reedy Creek Improvement District (RCID)
AC 48-137740, PSD-FL123

Attached for your approval and signature is a permit amendment to the construction permit for the Reedy Creek Improvement District (RCID). The amendment will eliminate the continuous opacity monitoring requirement for the (HRSG) Heat Recovery Steam Generator. RCID is proposing to disconnect the fuel oil lines from the HRSG. The amendment is consistent with 40 CFR 60 NSPS Subpart Db, Industrial Steam Generating units.

I recommend your approval and signature.

CF/TH/bb

Attachment

BAK
OK
EPL
10/27
OK JA 10/28