

DEP ROUTING AND TRANSMITTAL SLIP

TO: (NAME, OFFICE, LOCATION)

3. Syed

1. Class Facility DARR MS 5505

4. Clay F. To active or permanent Pinellas RRF file based on status

2. _____

5. _____

PLEASE PREPARE REPLY FOR:

COMMENTS:

- ____ SECRETARY'S SIGNATURE
- ____ DIV/DIST DIR SIGNATURE
- ____ MY SIGNATURE
- ____ YOUR SIGNATURE
- ____ DUE DATE _____

of permitting al
Final Order Modifying Conditions of Certification for the Pinellas County Resource Recovery Facility (Units 1-3) is attached.

ACTION/DISPOSITION

- ____ DISCUSS WITH ME
- ____ COMMENTS/ADVISE
- ____ REVIEW AND RETURN
- ____ SET UP MEETING
- ____ FOR YOUR INFORMATION
- ____ HANDLE APPROPRIATELY
- ____ INITIAL AND FORWARD
- ____ SHARE WITH STAFF
- ____ FOR YOUR FILES

SZA

FROM: Margaret Monahan for Scott Moorhead DATE: 5/26/98 PHONE: 1-9720

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

RECEIVED

MAY 27 1998

BUREAU OF
AIR REGULATION

In Re: Pinellas County Resource)
Recovery Facility (Units 1-3)) OGC CASE NO. 98-1335
Modification of Conditions) DEP FILE NOS. PA 78-11C
of Certification) and PA 83-18
Pinellas County, Florida)
_____)

**FINAL ORDER MODIFYING
CONDITIONS OF CERTIFICATION**

The Governor and Cabinet, sitting as the Siting Board, issued a final order on July 20, 1979, approving certification of Units 1 and 2, and then issued a final order on March 20, 1984, approving certification of Unit 3, of the Pinellas County Resource Recovery Facility. Those certification orders approved the construction and operation of a municipal solid waste-fired, resource recovery power plant and associated facilities located in Pinellas County, Florida. The certification has been previously modified by Department orders on July 28, 1986, and July 29, 1996.

On September 15 and December 1, 1997, Pinellas County filed requests to amend the conditions of certification pursuant to Section 403.516(1)(b), Florida Statutes. Pinellas County requested that the conditions be modified to: (1) allow replacement of the flyash storage silo with two flyash surge bins; (2) add EPA Method 26A for testing of hydrochloric acid emissions; (3) increase the allowable size of the auxiliary burners, increase the NO_x emission factor, and increase the permitted annual consumption of natural gas for the auxiliary burners; and (4) allow construction of ventilation fans in ash handling and storage areas.

Copies of Pinellas County's proposed modifications were made available for public review on October 3, 1997, on which date a Notice of Intent to Issue Proposed Modification of Power Plant Certification was also published in the Florida Administrative Weekly. On September 15 and December 8, 1997, all parties to the original proceeding were served by mail with copies of the intents to modify and supporting documentation. The notice specified that a hearing would be held if a party to the original certification hearing objected within 45 days from receipt of the

proposed modifications or if any other person whose interests would be substantially affected objected in writing within 30 days after issuance of the public notice. No written objection to the proposed modifications has been received by the Department. Accordingly, in the absence of any timely objection,

IT IS ORDERED:

The proposed changes to the Pinellas County Resource Recovery Facility as described in its September 15, and December 1, 1997, requests for modification are **APPROVED**. Pursuant to Section 403.516(1)(b), F.S., the conditions of certification for the Pinellas County Resource Recovery Facility are **MODIFIED** as follows:

XIV.A. Air

1. No change.

2. The emissions limitations and other requirements contained in this subsection shall apply after the electrostatic precipitators in the Resource Recovery Facility are replaced with new air pollution control (APC) systems and compliance testing is completed.

a. Emission limits for each boiler are as follows:

(1 through 6) No change.

(7) Nitrogen oxides emissions (measured as NO₂) shall not exceed ~~205~~ 200 ppmvd corrected to 7% O₂; or ~~0.450~~ 0.439 lb/MMBTU, ~~205.3~~ 200.3 lb/hr/unit, and ~~899.2~~ 877.3 tons/yr/unit. The permittee may request authorization from the Department to conduct nitrogen oxides emissions averaging pursuant to 40 CFR 60.33b.

(8) and (9) No change.

b. Emissions Limitations for Minor Sources, after the retrofit is complete, are as follows:

(1) No change.

(2) The particulate matter emissions shall not exceed 0.005 gr/dscf from the outlets of the baghouses at the lime storage silo; and two activated carbon storage silos and the flyash storage silo. Pursuant to Section 62-297.620(4), FAC, the particulate

matter compliance test requirements are waived for these minor sources and an alternate standard of 5% opacity shall apply. A visible emission reading greater than 5% opacity does not create a presumption that the emission limit (i.e., in gr/dscf) is being violated, but would require the permittee to perform a particulate stack test in accordance with EPA Methods contained in 40 CFR 60, Appendix A.

(3) No change.

(4) The particulate matter emissions shall not exceed 0.03 gr/dscf from the outlet of the wet scrubber system at the ash conditioning building. Pursuant to Section 62-297.620(4), F.A.C., the particulate matter compliance test requirements are waived for this minor source and an alternative standard of 5% opacity shall apply. A visible emission reading greater than 5% does not create a presumption that the emission limit (i.e., in gr/dscf) is being violated, but would require the permittee to perform a stack test in accordance with EPA Methods contained in 40 CFR 60, Appendix A.

c. Operating Standards - No change.

d. Compliance Requirements

(1 through 6) No change.

(7) Hydrogen Chloride


Compliance with the hydrogen chloride (HCL) emission limits shall be determined by USEPA Method 26 or 26A. The minimum sampling time shall be one hour. A minimum of three test runs shall be conducted under representative full load operating conditions. The average of these test runs shall be used to determine compliance. Oxygen measurement shall be obtained simultaneously with each test run. Initial compliance tests shall be conducted within 60 days after achieving maximum operating capacity, but no later than 180 days after start-up. Thereafter, annual performance tests shall be conducted to verify compliance.

(8) and (9) No change.

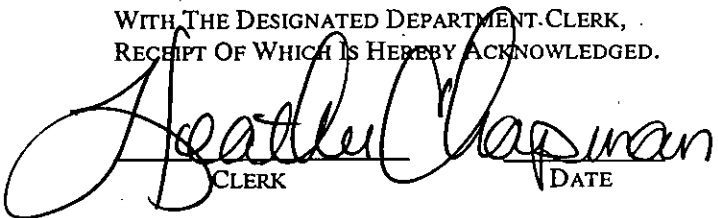
Any party to this Notice has the right to seek judicial review of the Order pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection, M.S.35, Office of General Counsel, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, and by filing a copy of the Notice of Appeal accompanied by the applicable filing fee with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date that this Final Order is filed with the Department of Environmental Protection.

DONE AND ORDERED this 19th day of ~~April~~^{May} 1998, in Tallahassee, Florida.

STATE OF FLORIDA, DEPARTMENT
OF ENVIRONMENTAL PROTECTION


6/ VIRGINIA B. WETHERELL
SECRETARY
3900 Commonwealth Boulevard
Tallahassee, FL 32399-3000
(850) 488-1554

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 DATE 5/20/98

CERTIFICATE OF SERVICE

I HEREBY CERTIFY this 26 day of May 1998, that a true and correct copy of the foregoing has been sent by mail to the following listed persons:

David S. Dee, Esq.
Landers & Parsons
P.O. Box 271
Tallahassee, Fl 32302

Richard T. Tschantz, Esq.
SWFWMD
2379 Broad Street
Brooksville, FL 34609-6899

Andrew Grayson, Esq.
Department of Community Affairs
2470 Centerview Drive
Tallahassee, Fl 32399-2100

Pinellas County Building
Trades Council
c/o G. Wallace
2165 Country Club Court North
St. Petersburg, FL 33710

Plumbers and Pipe Fitters
Local No. 111
c/o Fred Stiles
4020 80th Avenue North
Pinellas Park, FL 33565

Pinellas County Department of
Environmental Management
315 Court Street
Clearwater, FL 34616


City of Pinellas Park
Edward Foreman & Associates
City Attorney
100 Second Avenue North
Suite 300
St. Petersburg, FL 33701

Bob Elias, Esq.
Office of General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Mayor Cecil Bradbury
City of Pinellas Park
Post Office Box 1100
Pinellas Park, FL 34664-1100

Roger Tucker, Esq.
Tampa Bay Regional Planning Council
9455 Koger Boulevard
St. Petersburg, FL 33702-2491

James Antista, Esq.
Florida Game & Fresh Water
Fish Commission
620 South Meridian Street
Tallahassee, Florida 32399-1600


SCOTT A. GOORLAND
Assistant General Counsel
Florida Bar No. 0066834

Florida Department of Environmental
Protection
3900 Commonwealth Blvd., MS 35
Tallahassee, Florida 32399-3000