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BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL REGULATION

IN RE:

PINELLAS COUNTY RESOURCE  
RECOVERY FACILITY  
MODIFICATION OF TERMS AND  
CONDITIONS OF CERTIFICATION  
NO. PA 83-18  
PINELLAS COUNTY, FLORIDA

OGC FILE NO: 85-0470

FINAL ORDER MODIFYING  
CONDITIONS OF CERTIFICATION

The Florida Department of Environmental Regulation, after notice and opportunity for hearing, modifies the conditions of certification for the Pinellas County Resource Recovery Facility pursuant to Section 403.516(1), Florida Statutes, and Section VII of the Conditions of Certification, which delegated modifications of emission limitation conditions to the Department.

1. On August 17, 1984, and May 8, 1985, Pinellas County submitted letters to the Department requesting modification of the existing Conditions of Certification for its Resource Recovery Facility to amend emission limitations and compliance monitoring.

2. After review of the request and existing data, the Department proposed to grant relief to Pinellas County by making the following modifications to the conditions of certification.

A. Condition XIV.A.1. shall be changed to read:

1. Emission Limitations upon Operation of Unit 3

a. Stack emissions from each-unit Units 1 or 2 shall not exceed the following:

(1) Particulate matter: in grains per standard cubic foot dry gas corrected to 12% CO<sub>2</sub> - 0.08.

(2) SO<sub>2</sub>-170 lbs/hr each unit

(3) Odor: there shall be no objectionable odor

(4) Visible emissions: stack opacity shall be no greater than 20% except as provided for during start-up, shutdown, or malfunctions when the provisions of 17-2.250, FAC, shall apply

b. Emissions from Unit 3 shall not exceed the following:

(1) Particulate matter: in grains per standard cubic foot dry gas corrected to 12% CO<sub>2</sub> - 0.03.

(2) SO<sub>2</sub>-170 lbs/hr

(3) Nitrogen oxides - 254 lbs/hr

(4) Carbon monoxide - 66 lbs/hr

(5) Lead - 4.4 lbs/hr

(6) Mercury - 3200 grams/day when more than 2205 lbs/day of municipal sludge is fired. Compliance shall be determined in accordance with 40 CFR 6.1, Method 101, Appendix B

(7) Odor - there shall be no objectionable odor

(8) Visible emissions - stack opacity shall be no greater than 20% except as provided for during start-up, shutdown or malfunctions when the provisions of 17-2.250, FAC, shall apply.

b- c. The height of the boiler exhaust stack shall be less than 161 feet above grade.

e- d. The incinerator boilers shall not be loaded in excess of their rated capacity of 87,500 pounds of municipal solid waste per hour each.

- d- e. The incinerator boilers shall have a metal name plate affixed in a conspicuous place on the shell showing manufacturer, model number, type waste, rated capacity and certification number.
- e- f. Compliance with the limitations for particulates, opacity, sulfur oxides, nitrogen oxides, carbon monoxide, and lead shall be determined in accordance with Florida Administrative Code Rule 17-2.700, DER Methods 1, 2, 3, 5, 6, 9, or 40 CFR Part 60, Appendix A, Methods 1-7, 9, 10, and 12. ~~Method-7-~~ The stack test shall be performed at  $\pm 10\%$  of the maximum steam rate of 250,000 pounds per hour.

Any party to this Order has the right to seek judicial review of this 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 in the Office of the General Counsel, 2600 Blair Stone Road, Tallahassee, Florida, 32301; 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 30 days from the date the Final Order is filed with the clerk of the Department.

DONE AND ORDERED the 28 day of July, 1986, in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL REGULATION

FILING AND ACKNOWLEDGEMENT

FILED, on this date, pursuant to S120.52 (9), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Patricia Lee for Peggy Brown 7/30/86  
Clerk Date

Victoria J. Tschinkel  
VICTORIA J. TSCHINKEL  
Secretary

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301  
Telephone: 904/488-9730

Copies furnished:

Van B. Cook, Esquire  
County Attorney  
315 Court Street  
Clearwater, Florida 33516

Julia Cobb, Esquire  
Department of Environmental  
Regulation  
Twin Towers Building  
2600 Blair Stone Road  
Tallahassee, Florida 32301

C. Laurence Keesey, Esquire  
Department of Community Affairs  
Howard Building  
2571 Executive Center Circle East  
Tallahassee, Florida 32301

Kent Zaiser, Esquire  
Southwest Florida Water  
Management District  
2379 Broad Street  
Brooksville, Florida 33512-9712

Michael Twomey  
Public Service Commission  
G-22 Fletcher Building  
101 East Gaines Street  
Tallahassee, Florida 32301