

DER

APR 19 1985

BAQM

Resource Recovery Office

Room 521, 115 South Andrews Avenue
Fort Lauderdale, Florida 33301
(305) 357-6458

April 16, 1985

Mr. C. H. Fancy
Deputy Bureau Chief
Bureau of Air Quality Management
State of Florida
Department of Environmental Regulation
Twin Towers Building
2600 Blair Stone Road
Tallahassee, Florida 32301

Re: Application No. AC06-83003 - Broward County Route 441 Resource Recovery Facility

Dear Mr. Fancy:

Please be advised that Broward County filed a Power Plant Siting Certification Application with Mr. Hamilton S. Oven, Jr., Administrator, Siting Coordination Section, State of Florida Department of Environmental Regulation, in Tallahassee on April 8, 1985 on behalf of the South Broward County Resource Recovery Project, Inc. Therefore, I am requesting that the above referenced permit application be withdrawn. Should you have any questions regarding the above, please contact us at your convenience.

We sincerely appreciate the assistance and cooperation you and your staff have given us on this matter in the past. We are looking forward to working with you during the Power Plant Siting Certification process.

Very truly yours,

Phyllis A. Korab

PAK/bd

cc: R. J. Schneider
S. F. Delegal
V. F. Minard
N. M. Pfeffer
C. A. Schulman
T. A. Smith
P. Robinson

BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS

Marcia Beach Scott I. Cowan Howard Craft Howard Forman Nicki Englander Grossman Ed Kennedy Gerald Thompson

An Equal Opportunity Employer

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

April 18, 1985

Mr. James T. Wilburn, Chief
Air Management Branch
Air & Waste Management Division
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

Dear Mr. Wilburn:

RE: South Broward County Resource Recovery Project
PSD-FL-105

The Bureau of Air Quality Management has received the above referenced application, and we are sending you a complete copy under separate cover. If you have any questions or comments, please contact either Ed Svec or Tom Rogers at the above address or at (904)488-1344 by June 1, 1985.

Sincerely,

Patty Adams
Bureau of Air Quality
Management

/pa

The original card is in the supplementary Documents file.

CAROLYN Hitchcock

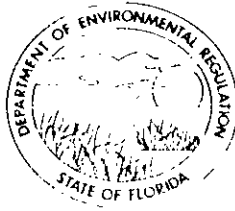
on Aug 5th the Fort Lauderdale News wrote an article on the high cadmium sulfide spill in our area + the EPA wants to clean up our air. Why would you issue a permit that will raise the pollution in

our area more?

See newspaper article.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301-8241



BOB GRAHAM
GOVERNOR

VICTORIA J. TSCHINKEL
SECRETARY

June 14, 1985

DER
JUN 18 1985
BAQM

Mr. Thomas M. Henderson
Broward County Resource Recovery Office
Room 521
115 South Andrews Avenue
Fort Lauderdale, FL 33301

RE: South Broward County Resource Recovery Project
PA 85-21, DOAH Case No. 85-1166

Dear Mr. Henderson:

Please have your staff respond to the following sufficiency comments about the power plant siting application for the South Broward County Resource Recovery Project. The Bureau of Air Quality Management has indicated that the following items need to be addressed for sufficiency:

1. Submit a complete application to construct an air pollution source which includes all calculations, assumptions, guarantee of control device efficiency, control device design parameters, etc.
2. Submit Table 3.4-4, "BACT Emission Limits for Other Pollutants".
3. Specify limits and compliance tests for pollutants in addition to particulate matter.
4. Will your facility accept pathological wastes for incineration?
5. Identify and quantify the use of any sewage sludge or industrial sludge.
6. Provide calculations on any auxillary fuels used during startup, shutdown, or periods of insufficient available Btus.
7. Submit information on the particulate emissions from ash handling. Will there be a dust control device on the ash storage hopper or silo?

DEPARTMENT OF ENVIRONMENTAL REGULATION

ROUTING AND TRANSMITTAL SLIP

ACTION NO

ACTION DUE DATE

1. TO: (NAME, OFFICE, LOCATION)

Ed Svec

Initial

Date

2.

Rm 100

Initial

Date

3.

Initial

Date

4.

Initial

Date

REMARKS:

INFORMATION

Review & Return

Review & File

Initial & Forward

DISPOSITION

Review & Respond

Prepare Response

For My Signature

For Your Signature

Let's Discuss

Set Up Meeting

Investigate & Report

Initial & Forward

Distribute

Concurrence

For Processing

Initial & Return

FROM:

BUCK OVEN

DATE

6-17

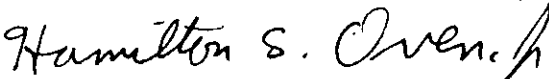
PHONE

8-0130

Page Two
Mr. Henderson
June 14, 1985

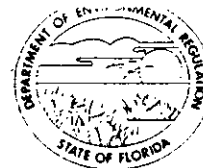
8. Explain the discrepancy between the 750 tons per day maximum design requirements for each furnace and the capacities of 2352 and 3300 tons per day used in the application.
9. Verify the emission factor used for fluorides.
10. Emission data must be based on normal operating conditions and compliance tests must be performed at these conditions, i.e., 115% of capacity.
11. A copy of the air quality dispersion modeling output must be submitted for review.
12. Additional modeling to quantify the interaction between the FPL power plants and the Broward County RRF must be submitted. The FPL facilities should be modeled using their highest short-term emissions of SO₂. The modeling need only be carried out within the RRF's area of significant impact.
13. What are the inside diameters of the individual flues within the chimney? What are the flow rates and exit velocities for each flue?
14. Although preconstruction review within the nonattainment rule 17-2.510 is not required for VOC's, a demonstration that the facility will not interfere with reasonable further progress (RFP) must be made.
15. Include the calculations completed in the Level-1 visibility screening analysis.
16. Quantify the HCl emissions expected from the RRF.

Sincerely,


Hamilton S. Oven, Jr., P.E.
Administrator
Siting Coordination Section

HSOjr/sb

cc: William J. Kendrick
All Parties
Don White
Ed Svec



Interoffice Memorandum

FOR ROUTING TO OTHER THAN THE ADDRESSEE

To: _____ LOCTN: _____
To: _____ LOCTN: _____
To: _____ LOCTN: _____
From: _____ DATE: _____

TO: Hamilton Oven
THRU: Clair Fancy *AD*
FROM: Ed Svec *ES*
DATE: June 12, 1985
SUBJ: Sufficiency Comments for the South Broward County RRF

The following items need to be addressed for sufficiency:

1. Submit a complete application to construct an air pollution source which includes all calculations, assumptions, guarantee of control device efficiency, control device design parameters, etc.
2. Submit Table 3.4-4, "BACT Emission Limits for Other Pollutants."
3. Specify limits and compliance tests for pollutants in addition to particulate matter.
4. Identify, quantify, and describe the handling of pathological and biological wastes.
5. Identify and quantify the use of any sewage sludge or industrial sludge.
6. Provide information on any auxillary fuels used during startup, shutdown, or periods of insufficient available Btus.
7. Submit information on the particulate emissions from ash handling.
8. Explain the discrepancy between the 750 tons per day maximum design requirements for each furnace and the capacities of 2,352 and 3,300 tons per day used in the application.
9. Verify the emission factor used for fluorides.

Hamilton Oven
Page Two
June 12, 1985

In addition, emission data must be based on normal operating conditions and compliance tests must be performed at these conditions, i.e., 115% of capacity.

Broward County Resource Recovery Facility Sufficiency Review
Modeling and Data Analysis Section

1. A copy of the air quality dispersion modeling output must be submitted for review.
2. Additional modeling to quantify the interaction between the FPL power plant and the Broward County RRF must be submitted. The FPL facility should be modeled using its highest short-term emissions of SO₂. The modeling need only be carried out within the RRF's area of significant impact.
3. What are the inside diameters of the individual flues within the chimney? What are the flow rates and exit velocities for each flue?
4. Although preconstruction review within the nonattainment rule 17-2.510 is not required for VOC's, a demonstration that the facility will not interfere with reasonable further progress (RFP) must be made.
5. Include the calculations completed in the Level-1 visibility screening analysis.
6. Quantify the HCl emissions expected from the RRF.

ES/ks