

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

March 21, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED


Mr. David S. Dee, Esquire
Landers & Parsons
310 West College Avenue
Tallahassee, Florida 32301

Dear Mr. Dee:

Enclosed is a proposed amendment letter and Public Notice for modifications to Lee County's Solid Waste Energy Recovery facility. The Department requires a public notice for this modification. All comments during the public notice period should be addressed to Mr. Al Linero at the Department's Tallahassee address.

If there are additional questions on the above, please call John Reynolds at (904) 488-1344.

Sincerely,


C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/jr/b

Enclosures

cc: D. Knowles, SD
J. Harper, EPA
J. Bunyak, NPS
H. Oven, PPS

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

CERTIFIED MAIL

In the Matter of an
Application for Permit Amendment

DEP File No. PSD-FL-151(A)
Lee Co.

Mr. David S. Dee, Esquire
Landers & Parsons
310 West College Avenue
Tallahassee, Florida 32301

INTENT TO ISSUE

The Department of Environmental Protection (Department) gives notice of its intent to issue a permit amendment for a modification (copy attached) for the proposed project as detailed in the application/request specified, above, for the reasons stated in the application/request.

The applicant, Lee County Solid Waste Energy Recovery Facility, applied on September 28, 1994 to the Department for an amendment of their PSD permit's specific conditions regarding startup and shutdown procedures, baghouse operation and maximum flue gas temperature. The facility is located in Lee County.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-212 and 62-4, Florida Administrative Code (F.A.C.). The project is not exempt from permitting procedures. The Department has determined that a permit amendment is required for the proposed work.

Pursuant to Section 403.815, F.S., and Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit Amendment. The notice shall be published one time only within 30 days in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit amendment.

The Department will issue the permit amendment with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of their receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The Petition shall contain the following information;

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and,

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this intent. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of receipt of this intent in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to

request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



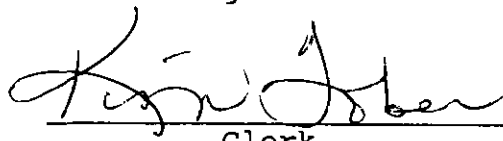
C. H. Fancy, P.E., Chief
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399
904-488-1344

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this INTENT TO ISSUE PERMIT AMENDMENT all copies were mailed by certified mail before the close of business on 3-22-95 to the listed persons.

Clerk Stamp

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to §120.52(11), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.



Clerk

3-22-95
Date

Copies furnished to:

- D. Knowles, SD
- J. Harper, EPA
- J. Bunyak, NPS
- H. Oven, PPS

SENDER:
 Complete items 1 and/or 2 for additional services.
 Complete items 3, and 4a & b.
 Print your name and address on the reverse of this form so that we can return this card to you.
 Attach this form to the front of the mailpiece, or on the back if space does not permit.
 Write "Return Receipt Requested" on the mailpiece below the article number.
 The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):
 1 Addressee's Address
 2 Restricted Delivery
 Consult postmaster for fee.

3 Article Addressed
 David S. Dee, Esq.
 Landers & Parsons
 310 W. College Ave
 Tallahassee, FL
 32301

4a Article Number
 Z 311 902 948

4b Service Type
 Registered Insured
 Certified COD
 Express Mail Return Receipt for Merchandise

7 Date of Delivery
 3-23-95

5 Signature (Addressee)

6 Signature (Agent)
 David S. Dee

8 Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1991 U.S. EPC 1993-352 714 **DOMESTIC RETURN RECEIPT**

is your RETURN ADDRESS completed on the reverse side? Thank you for using Return Receipt Service

Z 311 902 948



Receipt for Certified Mail

No Insurance Coverage Provided
 Do not use for International Mail
 (See Reverse)

PS Form 3800, March 1993

Sent to	D. Dee	
Street and No.	Landers & Parsons	
P.O., State and ZIP Code	Tall. FL	
Postage	\$	
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing to Whom, Date, and Addressee's Address		
TOTAL Postage & Fees	\$	
Postmark or Date	Tall. Cty 3-22-95 PSD-FI-151(A)	

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE PERMIT AMENDMENT

PSD-FL-151(A)

The Department of Environmental Protection (Department) gives notice of its intent to issue a permit amendment to Lee County Solid Waste Energy Recovery Facility, Buckingham Road and State Road 82, Fort Myers, Florida. This facility consists of two mass burn units with a total capacity of 1320 tons per day (550 MMBtu/hr) capable of generating a total of 40 megawatts of power. The amendments include the following: removing the requirement that the furnace roof temperature be maintained at 1270°F, requiring instead that the appropriate minimum furnace roof temperature be established by the Department based on initial startup test data; removing pressure drop monitoring requirements for certain baghouses on non-major sources; and removing the requirement that the flue gases be cooled to an average temperature not to exceed 300°F. These amendments will not cause or contribute to a violation of any air pollution standard or adversely affect the environment.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, F.S.

The Petition shall contain the following information; (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by Petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's

action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and, (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application/request have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, Florida Administrative Code.

The application/request is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Protection
Bureau of Air Regulation
111 S. Magnolia Drive, Suite 4
Tallahassee, Florida 32301

Department of Environmental Protection
South District
2295 Victoria Avenue, Suite 364
Fort Myers, Florida 33901

Any person may send written comments on the proposed action to Mr. Al Linero at the Department's Tallahassee address. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

April XX, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. David S. Dee, Esquire
Landers and Parsons
310 West College Avenue
Tallahassee, Florida 32301

Dear Mr. Dee:

RE: Amendments to PSD-FL-151(A)
Lee County Solid Waste Recovery Project

The Department received your request dated September 28, 1994, for minor amendments to the subject construction permit. The permit is amended as shown:

Specific Condition No. 4.a.

FROM:

4.a. Start-up and Shut-down Procedures

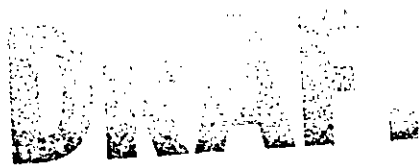
During start-up procedures, propane gas shall be used to preheat the combustion zone to achieve a furnace roof temperature of 1270°F and a minimum temperature of 1800°F above the grate (at a height to be specified by the vendor) prior to the ignition of MSW.

During all shut-down procedures, propane gas shall be used to ensure that the temperature above the grate, as specified above, does not drop below 1800°F and the furnace roof temperature is maintained above 1270° while any MSW is still burning.

TO:

4.a. Start-up and Shut-down Procedures

During start-up procedures, propane gas shall be used to preheat the combustion zone to achieve a minimum furnace roof temperature and a minimum temperature of 1800 degrees F above the grate (at a height to be specified by the vendor) prior to ignition of MSW. The appropriate minimum furnace roof



temperature shall be established by the Department, based on the test data collected during the facility's initial start-up operations, and shall be correlated to the minimum temperature of 1800 degrees F above the grate.

During all shutdown procedures, propane gas shall be used to ensure that the temperature above the grate, as specified above, does not drop below 1800 degrees F and the furnace roof temperature is maintained above the correlated minimum furnace roof temperature while any MSW is burning.

Specific Condition No. 4.e.

FROM:

4.e. Baghouse Operations

All baghouses (except for lime silo dust collector) shall be equipped with pressure drop monitoring equipment. Baghouses shall have a maximum air to cloth ratio of 4:1. Extra bags shall be maintained at the site for emergency purposes.

TO:

4.e. Baghouse Operations

All baghouses, except for the lime silo dust collector and the baghouses for the silos containing hydrated lime, soda ash, and activated charcoal for the facility's water treatment system, shall be equipped with pressure drop monitoring equipment.

Specific Condition No. 5.b.

FROM:

- 5.b. The facility shall be equipped with dry scrubbers which are designed, constructed and operated to remove SO₂ at an efficiency of 80% by weight or to achieve an emission rate of 30 ppmvd at 7% O₂, 24 hour daily geometric average, whichever is less stringent and to cool the flue gases to an average temperature not to exceed 300°F (3-hour rolling average).

DRAFT

Mr. David Dee
April XX, 1995
Page 3 of 3

TO:

- 5.b. The facility shall be equipped with dry scrubbers which are designed, constructed and operated to remove SO₂ at an efficiency of 80%, by weight, or to achieve an emission rate of 30 ppmvd at 7% O₂, 24 hour geometric average, whichever is less stringent. Except during a malfunction, the maximum flue gas temperature at the final particulate matter control device inlet, during the combustion of solid waste, shall not exceed the maximum temperature established by Rule 62-296.416(4)(a), F.A.C.

A copy of this letter shall be attached to Permit PSD-FL-151(A) and shall become a part of that permit.

Sincerely,

Howard L. Rhodes
Director
Division of Air Resources
Management

HLR/jr/b

cc: D. Knowles, SD
J. Harper, EPA
J. Bunyak, NPS
H. Oven, PPS

Memorandum

Florida Department of
Environmental Protection

TO: Clair H. Fancy
FROM: Al Linero *Al Linero*
DATE: March 21, 1995
SUBJECT: Amendment of Permit No. PSD-FL-151A

Lee County has requested that the referenced permit for their Solid Waste Energy Recovery Project be amended to remove certain restrictions on furnace roof temperature, baghouse pressure drop monitoring, and minimum flue gas temperature. The amendment will not result in an increase in actual emissions. The public notice requirement is consistent with the last such amendment done in February for a power plant siting facility.

AL/jr/b

*Kim - Clerk +
send out. Show
for log book that
we got it back
from Clair. 3/22
Al
(don't send out cover memo)*