

Department of Environmental Regulation  
**Routing and Transmittal Slip**

To: (Name, Office, Location)

1. ~~Clair Percy~~
2. ~~(Dir) Magralie Center~~
3. ~~MS 5500~~
4. ~~MS 5500~~

Remarks:

4/4

Patty

I believe we need to  
modify PSD permit  
asap. CLR

4/6

AL,

aren't we processing this?  
We have 30 days to  
issue the permit (modify)

This is John R's K-

Should be issued after April 14  
if no hearing is requested

From

Richard Woullan

Date

4/3/85

Phone

921-9642

Copies  
JR

RECEIVED  
APR 08 1995  
Bureau of  
Air Regulation

BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

IN RE: LEE COUNTY RESOURCE RECOVERY )	
MODIFICATION OF CONDITIONS OF )	
CERTIFICATION PA 90-30 )	DEP CASE NO. PA 90-30A
LEE COUNTY, FLORIDA )	OGC CASE NO. 90-1163

FINAL ORDER MODIFYING CONDITIONS  
OF CERTIFICATION

On June 16, 1992, the Governor and Cabinet, acting as the Siting Board, issued a final order approving certification for the Lee County Resource Recovery Facility (LCRRF). The certification order approved the construction and operation of a 40 MW (net), municipal waste fired, resource recovery facility and associated facilities to be located in Lee County, Florida.

On September 28, 1994, Lee County filed a request to modify the conditions of certification pursuant to section 403.516(1)(b), Florida Statutes (F.S). The County requested that the conditions be modified to approve changes to conditions regulating emissions and boiler monitoring; stormwater pond control elevation; the number of water supply wells; and increases in per well pumping rates.

Copies of Lee County's request were distributed to all parties to the certification proceeding and made available for public review. On January 20, 1995, a Notice of Intent to Issue Proposed Modification of Power Plant Certification regarding the proposed modifications was published in the Florida Administrative Weekly. As of January 31, 1995 all of

the parties to the original proceeding had received copies of the intent to modify. The notice specified that a hearing would be held if a party to the original certification hearing objects within 45 days from receipt of the proposed modification or if a person whose substantial interests will be affected by the proposed modification objects in writing within 30 days after issuance of the public notice. No written objection to the proposed modifications was received by the Department.

Accordingly, in the absence of any timely objection,  
**IT IS ORDERED:**

The proposed changes to the LCRRF, described in the September 28, 1994, request for modification, are APPROVED. Pursuant to section 403.516(1)(b), Florida Statutes, the conditions of certification for the LCRRF are MODIFIED by the Department as follows:

Condition XIV.A.

### 3. Miscellaneous Requirements

#### 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 of ~~1270°~~ and a minimum temperature of 1800° 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° and the furnace roof temperature is maintained above ~~±270°~~ the correlated minimum furnace roof temperature while any MSW is burning.

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. ~~Baghouses shall have a maximum air-to-cloth ratio of 4:1.~~

4. Emission Control Equipment

b. The facility shall be equipped with dry scrubbers which are designed, constructed and operated to remove SO<sub>2</sub> at an efficiency of 80%, by weight, or to achieve an emission rate of 30 ppmvd at 7% O<sub>2</sub>, 24 hour geometric average, whichever is less stringent ~~and to cool the flue gases to an average temperature not to exceed 300° (3-hour rolling average)~~. 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.

Condition XV.B.2. Site Specific Standards Design

Requirements

c. Authorized Withdrawal Facilities

A maximum of six (6) - 8" x 150' wells cased to 80' withdrawing from the Sandstone aquifer with a total combined pumping capacity of ~~±75~~ 1000 gpm ~~per-well~~.

Condition XV.C.2. Site Specific Design Requirements

d. Authorized Control Elevation

~~20-5~~ 21.4 Feet NGVD

**NOTICE OF RIGHTS**

Any party to this Order 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 in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; 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 this Order is filed with the clerk of the Department.

DONE AND ENTERED this 31<sup>st</sup> day of March, 1995 in Tallahassee, Florida.

**STATE OF FLORIDA, DEPARTMENT  
OF ENVIRONMENTAL PROTECTION**

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

*[Signature]* Clerk      4/3/95 Date

*[Signature]* for  
Virginia B. Wetherell  
Secretary

3900 Commonwealth Boulevard  
Tallahassee, FL 32399-3000  
(904) 488-4805

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Final Order has been furnished by U.S. Mail to:

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this 3<sup>rd</sup> day of April, 1995.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



RICHARD T. DONELAN, JR.  
Assistant General Counsel

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