



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Werherell
Secretary

August xx, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Rodney Williams
Plant Manager
Wheelabrator Ridge Energy, Inc.
3131 K-Ville Avenue
Auburndale, Florida 33823

DRAFT

Dear Mr. Williams:

RE: Amendment to Construction Permit No. AC 53-206244, PSD-FL-183(A)

The Department has reviewed your May 5, 1995 request to amend the tire firing capacity permit requirements and the interim emissions limits of the subject permit. The Department's determination on this amendment request is as follows:

A. Firing Capacity:

Specific Condition No. 3 is amended as follows:

From:

3. Fuel for firing the RGS boiler shall consist only of wood, landfill gas, and up to 9.0 percent tires (percent by weight equivalent to 20 percent tires based on heat content). The 9.0 percent tire weight limitation is equivalent to a tire firing rate of 9,000 pounds of tires per hour. Propane may be used as a startup, shutdown, and combustion stabilization fuel.

To:

3. Fuel for firing the RGS boiler shall consist only of wood, landfill gas, and up to ~~18.0~~^{16.9} percent tires (percent by weight equivalent to 40 percent tires based on heat content). The 16.9 percent tire weight limitation is equivalent to a tire firing rate of 16,900 pounds of tires per hour. Propane may be used as a startup, shutdown, and combustion stabilization fuel.

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B. Emissions Limits:

Specific Condition No. 5 is amended as follows:

From:

5. Initially, the RGS boiler exhaust gases shall not exceed the limits shown below. Following completion of the emission testing program required in Specific Condition No. 8, these limits may be revised.

<u>Pollutant</u>	<u>lbs/hr*</u>	<u>tons/yr</u>
PM/PM ₁₀	12.6	55.2
SO ₂	109.4	479.2
NO _x	94.5	413.9
CO	315.0	1379.7
VOC	77.1	96.8
HCl	5.0	22.1
Hg	0.022	0.097
Pb	0.25	1.1
Be	0.0063	0.03

*Based on 24 hour average. The feasibility of establishing startup/shutdown limits, hourly limits, or rolling average limits in addition to or in lieu of the above limits will be determined after analysis of the emission testing program.



5. Initially, the RGS boiler exhaust gases shall not exceed the limits shown below. Following completion of the emission testing program required in Specific Condition No. 8, these limits may be revised.

<u>Pollutant</u>	<u>lbs/hr*</u>	<u>tons/yr</u>
PM/PM ₁₀	12.6	55.2
SO ₂	109.4 † 72.0 †	479.2 315.4
NO _x	94.5	413.9
CO	315.0	1379.7
VOC	22.1	96.8
HCl	5.0	22.1
Hg	0.022	0.097
Pb	0.25	1.1
Be	0.0063	0.03

*Based on 24 hour average. †Based on a 30-day rolling average. The feasibility of establishing startup/shutdown limits, hourly limits, or rolling average limits in addition to

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PM/PM ₁₀	12.6	55.2
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NO _x	94.5	413.9
CO	315.0	1379.7
VOC	22.1	96.8
HCl	5.0	22.1
Hg	0.022	0.097
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or in lieu of the above limits will be determined after analysis of the emission testing program.

C. Attachments to be Incorporated:

- Wheelabrator letter dated May 5, 1995
- DEP letter dated July 3, 1995
- Wheelabrator letter dated July 17, 1995
- DEP Letter dated July 17, 1995

① WHILE IT WAS PROBABLY RECEIVED ON MAY 5, IT IS ACTUALLY DATED APRIL 27, 1995

② CAN CHANGE DATE TO "RECEIVED" OR CHANGE DATE TO APRIL 27, 1995

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. Petitions filed by the applicant of the amendment request/application and the parties listed below must be filed within 14 days of receipt of this amendment. Petitions filed by other persons must be filed within 14 days of the amendment issuance or within 14 days of their receipt of this amendment, whichever occurs first. 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 the 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