Wheelabrator Ridge Energy Inc.

A Waste Management Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

RECEIVED
MAR 08 1999
BUREAU OF
AIR REGULATION

Certified Mail Z 075-834-414

Mr. John Reynolds
Mail Stop 5505
Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, Fl 32399-2400

1050216-002-AC

RE: Request for Revision to PSD Permit No.: AC 53-206244/PSD-FL-183
Ridge Generating Station, Auburndale: Facility ID No.: 1050216
$50.00 Minor Adjustment Fee.

Dear Mr. Reynolds:

In response to your March 3, 1999 letter, enclosed is the $50.00 minor adjustment fee for Ridge Generating Station's February 19, 1999 request to adjust our PSD permit.

If you have any additional questions please call John Neil at (941) 665-2255 Ext 250.

Sincerely,

George D. Woodward

George D. Woodward, P.E.
Plant Manager

cc: M. Killeen (WESI)
T. Porter (WESI)

RIDGE GENERATING STATION, L.P.
3131 K-VILLE AVENUE
AUBURNDALE, FL 33823
(813) 665-2255

BARNETT BANK
AUBURNDALE, FLORIDA 33823
63-600/631 - 6

1319

3/5/1999

PAY TO THE ORDER OF Florida Dept of Environmental Protection $**50.00

Fifty and 00/100********** DOLLARS

MEMO Permit Modification Fee

[redacted]

Department of Environmental Protection

Lawton Chiles
Governor

Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619

Virginia B. Wetherell
Secretary

January 4, 1999

Mr. George D. Woodward, P.E.
Plant Manager
Wheelabrator Ridge Energy Inc.
3131 K-Ville Avenue
Auburndale, FL 33823

Re: DRAFT Title V Permit No.: 1050216-001-AV
Ridge Generating Station

PSD-FL-183

Dear Mr. Woodward:

One copy of the DRAFT Title V Air Operation Permit for your Ridge Generating Station located at 3131 K-Ville Avenue, Auburndale, Polk, is enclosed. The permitting authority's "INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" and the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" are also included.

The enclosed draft permit reflects the changes resulting from your revised application dated December 2, 1998 (received December 3, 1998), with the exceptions listed below. These items require revisions to permit AC53-206244/PSD-FL-183, and must be processed by our Tallahassee New Source Review (NSR) section.

Application Reference: Exhibit F-9, page 5

Item 2. Capacity averaging, and an increase to 55 MW maximum.

Item 3. Removing the 16.1% limitation on percentage of tires burned. We have discussed this item with Messrs. Linero and Reynolds of the Tallahassee NSR section and it appears that this change should be straightforward and an application should not require additional testing and supporting data. As a matter of form, however, a change of this nature involves a change to the PSD permit and thus must be processed by our Tallahassee office.

The "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" must be published as soon as possible upon receipt of this letter. Proof of publication, i.e., newspaper affidavit, must be provided to the permitting authority's office within 7 (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.

Please submit any written comments you wish to have considered concerning the permitting authority's proposed action to Mr. Gerald Kissel, P.E., at the above letterhead address. If you have any other questions, please contact Mr. Roger Cawkwell, P.E., at 813/744-6100 extension 117.

Very truly yours,

For Richard D. Garrity, Ph.D.
Director of District Management
Southwest District

Enclosures
cc: Al Linero

[electronic file name: 1050216i.doc]

CC: J. Reynolds

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

Certified Mail P-432-885-183

March 5, 1998

John Reynolds
Permit Engineer
New Source Review Section
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, Fl 32399-2400

RE: Wheelabrator Ridge Energy - Permit # AC 53-206244

Sir:

As we discussed a typographical error exists in Specific Condition 5 of the Wheelabrator Ridge Energy Air Permit # AC53-206244. Specifically the line that reads:

Hg	0.022	0.096	EPA Method 101A is test required
		should say	
Hg	0.022	0.096	EPA Method 101A if test required.

I have attached a copy of the permit. Could the Department please send a corrected permit or page.

If you have any additional questions please call me at (941) 665-2255 ext. 250.

Sincerely Yours

John Neil
Director of Health, Safety and
Environmental Compliance
Wheelabrator Ridge Energy.

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

July 28, 1997

State of Florida
Department of Environmental Protection
Chief Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Air Permit #AC53-206244, PSD-FL-183
AIRS Number 1050216
Emissions Unit Identification Number 001

Dear Sir:

In accordance with 40 CFR 60.50a(d), 60.59a(b)(14), and 60.59a(m), enclosed please find data summarizing the daily weight of MSW and other fuels fired during the Second Quarter of 1997. Our percentage of MSW combusted continues to be under 30%, so we remain subject only to the recordkeeping and reporting requirements for co-fired combustors under the MWC-NSPS, 40 CFR Part 60, Subpart Ea.

If you have any questions regarding this submittal, please contact Chuck Davis at (941) 665-2255 (Ext. 250).

Sincerely,

George D. Woodward

George D. Woodward
Plant Manager

cc: EPA Region IV
B. Proses, DEP SW District
T. Porter
Ridge File 6.2.1.3

Certification # P 432 887 110

cc: J. Reynolds, BAR
M. Hewett, DPAPM
G. Kissel, SWD
J. MacDonald, SWD

WHEELABRATOR RIDGE ENERGY INC.

FUEL STATISTICS
QUANTITIES IN TONS

DATE	TIRES	YARDWASTE	WOOD	PROPANE	LANDFILL GAS	
01-Apr-97	133.98	165.89	737.91	0.00	27.30	
02-Apr-97	103.28	154.15	667.99	0.00	26.25	
03-Apr-97	95.99	148.11	637.69	0.00	23.72	
04-Apr-97	60.80	117.12	516.12	0.00	18.47	
05-Apr-97	0.00	0.00	0.00	0.00	0.00	
06-Apr-97	0.00	0.00	0.00	0.00	0.00	
07-Apr-97	0.00	0.00	0.00	0.00	0.00	
08-Apr-97	0.00	0.00	0.00	0.00	0.00	
09-Apr-97	0.00	0.00	0.00	0.00	0.00	
10-Apr-97	0.00	0.00	0.00	0.00	0.00	
11-Apr-97	0.00	0.00	0.00	0.00	0.00	
12-Apr-97	39.45	67.47	289.00	16.46	10.83	
13-Apr-97	79.68	123.40	527.15	0.00	22.29	
14-Apr-97	75.74	124.29	533.01	0.00	18.00	
15-Apr-97	102.23	140.63	615.99	0.00	21.86	
16-Apr-97	105.01	115.78	495.57	5.70	14.25	
17-Apr-97	121.20	157.25	675.65	0.00	24.80	
18-Apr-97	123.47	147.98	639.76	0.00	25.32	
19-Apr-97	116.08	160.38	698.75	0.00	25.77	
20-Apr-97	97.46	177.70	768.76	0.00	25.95	
21-Apr-97	122.88	138.44	597.68	0.00	25.52	
22-Apr-97	106.14	143.51	623.50	0.00	18.38	
23-Apr-97	114.03	162.12	683.77	0.00	11.01	
24-Apr-97	123.53	127.64	534.94	0.00	23.57	
25-Apr-97	121.64	159.84	662.77	0.00	23.15	
26-Apr-97	123.74	169.80	702.17	0.00	22.34	
27-Apr-97	96.18	145.50	596.65	0.00	22.67	
28-Apr-97	73.72	132.29	541.85	1.27	21.84	
29-Apr-97	139.55	157.34	653.55	0.00	22.82	
30-Apr-97	108.04	153.36	620.32	0.00	21.53	
TOTAL	2383.82	3290.00	14020.54	23.42	497.58	20215.36
PERCENT	11.79	16.27	69.36	0.12	2.46	100.00
PERCENT MSW		28.07				

WHEELABRATOR RIDGE ENERGY INC.

FUEL STATISTICS
QUANTITIES IN TONS

DATE	TIRES	YARDWASTE	WOOD	PROPANE	LANDFILL GAS	
01-May-97	107.46	174.40	719.59	0.00	7.43	
02-May-97	137.23	159.58	652.74	0.00	16.52	
03-May-97	144.41	178.53	727.92	0.00	2.40	
04-May-97	111.33	205.73	833.04	0.00	1.41	
05-May-97	29.63	94.76	382.69	0.00	1.41	
06-May-97	107.17	133.39	547.62	0.00	9.39	
07-May-97	74.12	103.19	411.80	0.00	8.51	
08-May-97	92.23	118.60	467.88	0.00	3.83	
09-May-97	138.35	175.69	689.47	0.00	1.19	
10-May-97	113.21	169.13	660.89	0.00	0.21	
11-May-97	111.00	166.02	643.99	0.00	0.12	
12-May-97	106.09	167.05	646.07	0.00	11.61	
13-May-97	37.95	50.22	198.18	0.00	10.65	
14-May-97	48.33	60.83	234.72	10.13	6.66	
15-May-97	130.35	169.75	651.93	0.00	20.54	
16-May-97	122.36	130.31	503.16	0.00	23.21	
17-May-97	119.09	136.34	525.14	0.00	21.38	
18-May-97	62.82	128.91	492.80	0.00	23.88	
19-May-97	95.47	124.02	476.99	0.00	24.08	
20-May-97	113.39	151.85	596.27	0.57	19.22	
21-May-97	111.55	157.65	605.44	0.06	17.43	
22-May-97	76.02	111.84	426.76	0.00	0.00	
23-May-97	0.00	161.14	614.62	0.00	0.00	
24-May-97	116.87	148.55	564.30	0.00	0.00	
25-May-97	94.04	142.39	538.76	0.00	0.00	
26-May-97	75.26	136.66	515.25	0.00	0.00	
27-May-97	78.91	160.37	612.01	0.00	0.00	
28-May-97	113.15	173.78	660.69	0.00	28.61	
29-May-97	114.34	209.66	792.47	0.00	1.85	
30-May-97	77.78	128.70	480.51	0.00	5.88	
31-May-97	121.71	193.87	723.84	0.00	17.88	
TOTAL	2981.62	4522.90	17597.55	10.76	285.24	25398.07
PERCENT	11.74	17.81	69.29	0.04	1.12	100.00
PERCENT MSW		29.55				

WHEELABRATOR RIDGE ENERGY INC.

FUEL STATISTICS
QUANTITIES IN TONS

DATE	TIRES	YARDWASTE	WOOD	PROPANE	LANDFILL GAS	
01-Jun-97	128.94	174.79	787.04	0.00	7.19	
02-Jun-97	123.47	129.42	583.43	0.00	14.10	
03-Jun-97	59.94	64.88	297.15	0.00	9.30	
04-Jun-97	116.04	189.76	851.54	0.00	2.03	
05-Jun-97	150.32	143.86	641.21	0.00	0.02	
06-Jun-97	125.54	129.01	575.00	0.00	0.03	
07-Jun-97	148.82	169.80	755.08	0.00	0.03	
08-Jun-97	125.95	165.01	727.70	0.00	0.05	
09-Jun-97	129.89	185.14	816.47	0.00	0.03	
10-Jun-97	103.15	164.15	741.12	0.00	18.65	
11-Jun-97	138.32	133.50	594.12	0.00	20.96	
12-Jun-97	83.05	103.72	459.97	6.33	8.55	
13-Jun-97	135.81	152.68	679.34	0.00	19.31	
14-Jun-97	135.97	170.79	758.67	0.00	17.46	
15-Jun-97	99.07	158.36	694.49	0.00	16.92	
16-Jun-97	131.33	151.51	666.80	0.00	18.71	
17-Jun-97	142.70	163.59	739.05	1.27	17.84	
18-Jun-97	147.67	152.60	673.35	0.00	12.42	
19-Jun-97	137.40	144.58	622.69	0.00	20.25	
20-Jun-97	116.07	127.44	544.52	0.00	24.86	
21-Jun-97	121.60	123.13	527.99	0.00	23.16	
22-Jun-97	156.51	163.76	695.19	0.00	23.15	
23-Jun-97	140.35	141.25	597.93	0.00	10.29	
24-Jun-97	120.44	130.56	561.79	0.00	16.85	
25-Jun-97	156.25	171.96	722.39	0.00	26.04	
26-Jun-97	142.74	173.22	720.70	0.00	20.09	
27-Jun-97	135.86	175.34	732.46	0.00	25.49	
28-Jun-97	151.36	173.22	721.81	0.00	17.28	
29-Jun-97	156.84	183.16	754.62	0.00	6.15	
30-Jun-97	118.89	141.64	576.51	0.00	21.78	
TOTAL	3880.29	4551.80	19820.16	7.60	418.92	28678.77
PERCENT	13.53	15.87	69.11	0.03	1.46	100.00
PERCENT MSW		29.40				

WHEELABRATOR RIDGE ENERGY INC.

QUARTERLY
FUEL STATISTICS
QUANTITIES IN TONS

MONTH	TIRES	YARDWASTE	WOOD	PROPANE	LANDFILL GAS	TOTAL
April	2383.82	3290.00	14020.54	23.42	497.58	20215.36
May	2981.62	4522.90	17597.55	10.76	285.24	25398.07
June	3880.29	4551.80	19820.16	7.60	418.92	28678.77
TOTAL	9245.73	12364.71	51438.24	41.78	1201.74	74292.20
PERCENT	12.45	16.64	69.24	0.06	1.62	100.00
PERCENT MSW		29.09				

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL AMENDED PERMIT

In the Matter of an
Application for Permit

Mr. George D. Woodward, Plant Manager
Wheelabrator Ridge Energy, Inc.
3131 K-Ville Avenue
Auburndale, Florida 33823

DEP File No. AC53-206244
PSD-FL-183

Enclosed is the FINAL Amended Permit AC53-206244 and PSD-FL-183 to construct a wood/tire/landfill gas power generation facility at State Road 542 and Taylor Road near Auburndale, Polk County. The final amended permit incorporates the Final Best Available Control Technology Determination (BACT) and revisions of permit conditions as a result of increased utilization of tires as fuel. This permit is issued pursuant to Section 403, F.S.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., 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 Legal Office; 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 14 (fourteen) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

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

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMIT (including the FINAL permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 2-14-97 to the person(s) listed:

Mr. George D. Woodward *
Mr. Brian Beals, EPA
Mr. John Bunyak, NPS
Mr. R. Harwood, Polk County
Mr. Matt Killeen, WREI
Mr. Bill Thomas, SWD

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Kyra Tober 2-14-97
(Clerk) (Date)

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

PERMITTEE:
Wheelabrator Ridge Energy, Inc.
3131 K-Ville Avenue
Auburndale, FL 33823

Permit Number: AC 53-206244
PSD-FL-183
Expiration Date: May 31, 1997
County: Polk
Project: Wood/Tire Burning Power Generation Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-204 through 62-297, and 62-4, Florida Administrative Code (F.A.C.). The above named permittee is hereby authorized to perform the work or operate the emission unit shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department of Environmental Protection (Department) and specifically described as indicated below:

For the construction of a 50 Megawatt power generation facility to be known as the Ridge Generating Station located at State Road 5 and Taylor Road near Auburndale, Polk County Florida. The UTM coordinates are 416.7 km East and 3,100.4 km North.

Construction of this facility shall be in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. DEP letter dated 1-17-92.
2. WRE letter dated 3-19-92.
3. WRE letter dated 3-27-92.
4. WRE letter dated 4-6-92.
5. NPS letter dated 6-12-92.
6. EPA letter dated 7-15-92.
7. WRE letter dated 8-24-92.
8. EPA letter dated 8-27-92.
9. Permit issued 9-29-92.
10. WRE letter dated 2-2-95.
11. WRE letter dated 4-27-95.
12. DEP letter dated 7-3-95.
13. DEP letter dated 7-6-95.
14. DEP letter dated 7-17-95.
15. Amendment dated 8-8-95.
16. WRE letter dated 12-26-95.
17. DEP letter dated 1-29-96.
18. WRE letter dated 5-14-96.
19. DEP letter dated 6-5-96.
20. WRE letter dated 7-31-96.
21. DEP letter dated 10-8-96.
22. WRE letter dated 11-13-96.
23. WRE letter dated 12-6-96.
24. DEP letter dated 1-9-97.
25. WRE letter dated 1-17-97.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), F.S, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of

GENERAL CONDITIONS:

credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

a. have access to and copy any records that must be kept under the conditions of the permit;

b. inspect the facility, equipment, practices, or operations regulated or required under this permit; and

c. sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

a. a description of and cause of non-compliance; and

b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:
(X) Determination of Best Available Control Technology (BACT - Attached and incorporated into this permit)
(X) Determination of Prevention of Significant Deterioration (PSD)
(X) Compliance with New Source Performance Standards (NSPS)

14. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. Unless otherwise indicated, the construction and operation of the Ridge Generating Station (RGS) facility shall be in accordance with the capacities and specifications stated in the revised application. [Rule 62-210.300, F.A.C.]

2. The RGS facility shall be allowed to operate at a maximum capacity of 50 Megawatts (approximately equivalent to 630 MMBtu/hr) for 8760 hours per year. [Rule 62-210.200(223), F.A.C.]

3. Fuel for firing the RGS boiler shall consist only of wood, yard waste, landfill gas, and up to 16.1 percent tires (percent by weight equivalent to 40 percent tires based on heat content and based on a 24-hour block average). The 16.1 percent tire weight limitation is equivalent to a tire firing rate of 18,505 pounds of tires per hour. Propane may be used as a startup, shutdown, and combustion stabilization fuel and shall not exceed an annual capacity factor of 10 percent of total heat input. [Rule 62-210.200(223), F.A.C.]

4. No municipal type solid waste, as defined in 40 CFR 60, Subpart Ea (except tires, yard waste and waste wood) or hazardous waste, as defined in 40 CFR 261 and Rule 62-730.020, F.A.C., or medical waste as defined in 40 CFR 60.51a, or biomedical waste as defined in Rule 62-712.200, F.A.C., shall be burned at any time at the RGS facility. The combined total of tires, yard waste, and any waste wood that is defined as municipal solid waste in 40 CFR 60, Subpart Ea, shall not exceed 30 percent (by weight) of the facility fuel feed stream, as measured on a calendar quarterly basis. [Rule 62-210.200(223), F.A.C.]

5. The RGS boiler exhaust gases shall not exceed the following limits [Rule 62-212.400, F.A.C.]:

Pollutant	lbs/hr	tons/yr	Basis for Compliance
SO_2	65.0	284.7	30-day rolling average CEMS
NO_x	90.0	394.2	30-day rolling average CEMS
CO	200.0	876.0	30-day rolling average CEMS
VOC	22.1	96.8	EPA Method 25A if test required
HCl	5.0	21.9	EPA Method 26 if test required
Hg	0.022	0.096	EPA Method 101A is test required
Pb	0.25	1.1	EPA Method 12 if test required
Be	0.0063	0.028	EPA Method 104 if test required
VE	10% opacity		EPA Method 9 - annual
PM/PM_{10}	0.0080 gr/SCF (corrected to 7% O_2)		EPA Method 5 if test required

SPECIFIC CONDITIONS:

6. Visible emissions from the ash handling area vent filter, the ~~the~~ lime silo vent filter, and the fuel transfer building vent filter shall not exceed 10 percent opacity. [Rule 62-212.400, F.A.C.]

7. Since the performance test requirements for the RGS facility have been satisfied through completion of the emissions testing program required by the interim construction permit, no further testing shall be required other than annual compliance tests. The compliance tests shall be conducted at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then the emission unit may be tested at less than capacity (i.e., less than 90 percent of maximum operating rate allowed by the permit); in this case, subsequent emission unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emission unit is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit. [Rule 62-297.340(1)(a)]

8. The Department's Southwest District Office shall be notified at least 15 days prior to the compliance tests. Compliance test results shall be submitted to the Department's Southwest District Office within 45 days after completion of the tests. Sampling facilities, methods, and reporting shall be in accordance with Rule 62-297.310, F.A.C. and 40 CFR 60, Appendix A.

9. Continuous monitoring equipment shall be installed and operated to measure and record generator output, furnace temperature, stack opacity, and SO2, NOx and CO emissions. The tire feed rate in pounds per hour shall be monitored continuously by a commercially available weight detecting system with recording capability. The tire feed rate data shall be maintained and provided to the Department upon request. [Rule 62-297.310, F.A.C.]

10. All reasonable precautions set forth in Rule 62-296.320(4)(c), F.A.C., as well as all measures proposed by the permittee in the application (except that a water truck is no longer required since roads have been paved) shall be taken by the permittee to prevent fugitive emissions. [Rule 62-296.320, F.A.C.]

11. In the event of any malfunction resulting in failure of emission control equipment or emission-related process equipment to perform as required by this permit, the operator shall immediately stop the feeding of tires into the boiler and shall use propane firing to maintain a minimum of 1800 degrees F in the combustion zone until all tires in the system have been combusted. No tires may be refed into the boiler following the malfunction until the emission control equipment has been put into proper working order. [Rule 62-210.700, F.A.C.]

Memorandum

Florida Department of
Environmental Protection

TO: Howard L. Rhodes

THRU: Clair H. Fancy aafinero 2/10 for CHF

FROM: A. A. Linero aafinero 1/28

DATE: January ~~28~~ 2/10, 1997

SUBJ: Final Construction Permit (PSD-FL-183/AC53-206244)
Wheelabrator Ridge Energy, Inc. - Auburndale, Florida

Attached for your approval and signature is the final revised construction permit and BACT determination for the subject emission unit. This represents the last step in the construction permitting process. Since no emission data were available initially for this one-of-a-kind plant, an interim permit and BACT determination was issued requiring extensive testing before final limits were set. As a result, the final emission limits are much more stringent than they would likely have been had this approach not been used. Wheelabrator staff told us last week that, in retrospect, this permitting approach has resulted in limits that are realistic and that they would recommend it in the future for similar situations.

Wheelabrator has agreed to the final conditions and the Public Notice of Intent to Issue Amended Air Construction Permit was published on November 13, 1996 with no comments received.

If you have any questions, we will be glad to discuss the details.

HLR/aal

Attachment

The Department believes that final BACT emission limits should be based on the highest of the above CEMS data plus a margin for compliance. The following shows how these final limits for SO2 and NOx compare on the basis of heat input with the 40 CFR 60 Subpart Db limits for boilers:

Pollutant	Highest 30-DRA	Final Limit 30-DRA		Subpart Db
	lb/hr	lb/hr	lb/MMBTU*	lb/MMBTU
SO2	57.9	65.0	0.10	0.5 (oil>0.5%S)
NOx	80.8	90.0	0.14	0.3 (gas-wood-MSW)

* Based on an average factor for MMBTU/MW of 12.8. This is presented for comparison only and is not a limit to be enforced.

On the basis of data recorded through December 31, 1995, the permittee requested and was granted a greater margin for compliance in the case of CO emissions, since higher CO is tied to the uncontrollable moisture content of the wood fired.

All of the final BACT emission limits are presented in the following table. In view of the extremely low emissions of VOCs, HCl, Hg, Pb, and Be relative to the interim limits, and the fact no control measures appear to be warranted for them at this time, the Department accepts the permittee's proposal to maintain the interim limits as the final limits for these pollutants. The Department found insufficient justification for including final limits for other pollutants such as ammonia, arsenic, benzene, cadmium, chromium, PCBs, dioxins/furans, zinc oxide, and sulfuric acid.

Pollutant	Final BACT Limit	Basis for Compliance
SO2	65.0 lb/hr	30-Day Rolling Average CEMS*
NOx	90.0 lb/hr	30-Day Rolling Average CEMS*
CO	200.0 lb/hr	30-Day Rolling Average CEMS*
PM/PM10	0.0080 gr/dscf	EPA Method 5^-only if requested
VOC	22.1 lb/hr	EPA Method 25A^-only if requested
HCl	5.0 lb/hr	EPA Method 26^-only if requested
Hg	0.022 lb/hr	EPA Method 101A^-only if requested
Pb	0.25 lb/hr	EPA Method 12^-only if requested
Be	0.0063 lb/hr	EPA Method 104^-only if requested
VE	10% Opacity	EPA Method 9-annual basis

* A new 30-day rolling average emission rate is calculated each steam generating unit operating day as the average of all of the hourly emission data for the preceding 30 steam generating unit operating days.

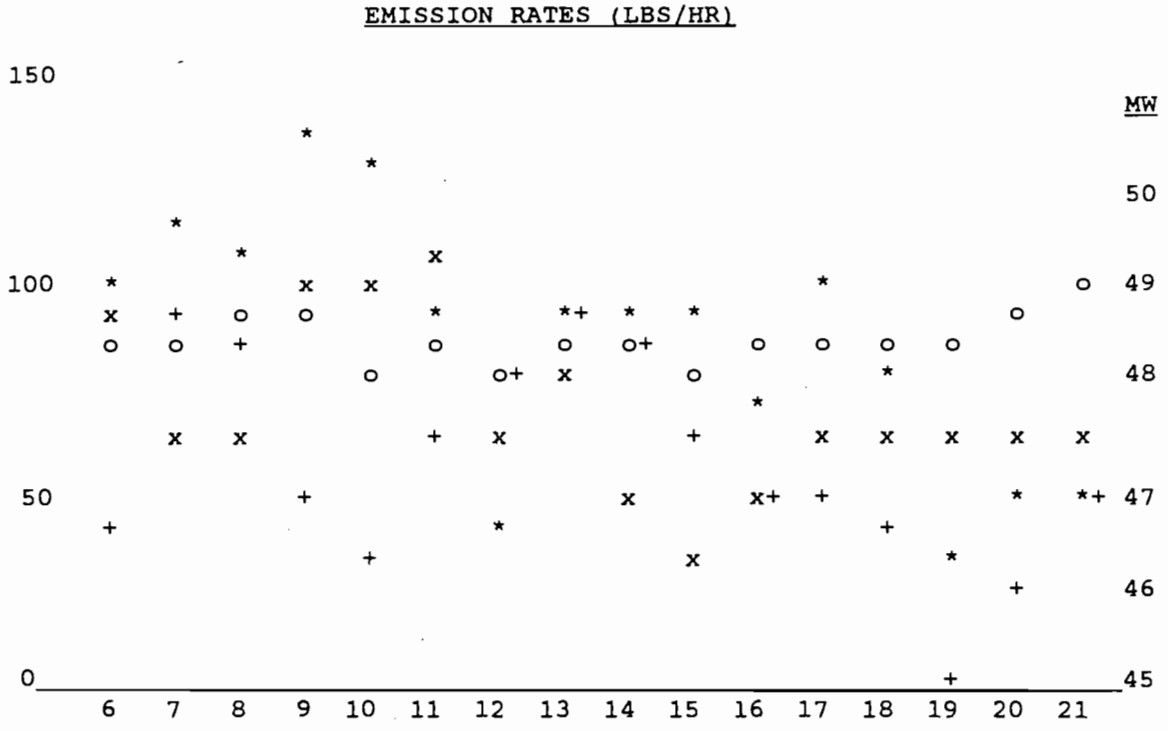
^ As performed during test program.

30-DAY ROLLING AVERAGE EMISSION RATE (LBS/HR)
FOR 3/30/95 - 4/30/95 (60% WOOD-40% TIRES)

DATE	SO2	NOx	CO
3/30	57.9	80.1	98.4
3/31	57.1	80.3	99.0
4/1	57.9	80.8	101.6
4/2		BOILER DOWN	
4/3		" "	
4/4		" "	
4/5		" "	
4/6		" "	
4/7		" "	
4/8		" "	
4/9		" "	
4/10	57.3*	79.1*	101.3*
4/11	56.3	78.1	99.1
4/12	56.9	76.3	98.6
4/13	56.4	74.5	95.3
4/14	54.8	73.5	94.3
4/15	54.3	72.8	95.7
4/16	53.1	71.7	95.5
4/17	52.6	70.7	93.8
4/18	52.7	69.9	91.1
4/19	53.9	69.6	89.6
4/20	53.6	68.7	88.6
4/21	52.6	68.2	89.4
4/22	52.4	67.7	89.7
4/23	52.7	67.6	89.9
4/24	52.3	67.0	92.1
4/25	51.7	67.1	95.3
4/26	52.1	67.8	95.7
4/27	51.3	67.1	94.7
4/28		BOILER DOWN	
4/29		" "	
4/30	51.6*	66.5*	93.9*

* Assumes that operation was essentially continuous over the previous 30 days.

The SO2 emissions varied greatly compared to the fluctuations in NOx emissions, indicating far better response and control for the SNCR system relative to the Spray Dryer-Absorber/Fabric Filter system. Wide variation in CO emissions occurred but this was expected due to the nature of the feed. The response of the SO2 control system appears to lag considerably behind changes in megawatts produced. This can be seen below from the operating data for the longest sustained operating period at 90-100% of capacity while firing 60% wood-40% tires (about 16 hours). Other operating cycles of less duration showed similar variations:



In establishing initial limits based on 24-hour averages, the Department did not know that the fluctuation in emissions would be great enough to justify longer-term averages in setting final limits. Also, it was not known initially that periods of continuous operation of the RGS boiler at full capacity would be so short relative to boilers firing more conventional fuels. For these reasons, the Department has proposed final emission limits based on 30-day rolling averages. Listed below are the 30-day rolling averages calculated by the Department for the worst case condition (60% wood-40% tires), assuming that no interruptions had occurred in normal operation during the 30 days following initial firing with 40% tires through the final day of the test program on April 30.

Best Available Control Technology (BACT) Determination
Ridge Generating Station
Polk County
(REVISED FOR FINAL PERMIT LIMITS)

In 1992 the Department issued a permit to construct a 50 MW power generation facility named the Ridge Generating Station (RGS) and located near Auburndale in Polk County, Florida. The facility consists of a solid fuel boiler, steam turbine, generator and associated equipment. Fuel for the facility consists of a mixture of waste wood and scrap tires.

A BACT determination was required for all regulated air pollutants emitted in amounts equal to or greater than the significant emission rates listed in Table 212.400-2 of Florida Administrative Code (F.A.C.) Rule 62-212.400. The Department issued the construction permit with preliminary emission limits under the condition that final emission limits would be established following completion of a comprehensive emissions testing program conducted by the permittee. This revised BACT determination is pursuant to that permit condition.

The permittee proposed final emission limits based on a statistical analysis of the comprehensive test program results covering the period from September 1, 1994, through April 30, 1995. During this period, the full range of permitted fuels were fired ranging from 100% wood-0% tires to 60% wood-40% tires. Compared to those proposed limits below are the current "interim" permitted limits based on maximum emissions for the worst case fuel mix of 60% wood-40% tires. Also shown are the average actual and maximum emissions determined by the Department from the RGS data for operation under the worst-case condition of firing 60% wood-40% tires at 90-100% of permitted capacity (45-50 MW) during the period from March 1, 1995 through April 30, 1995.

	Maximum Allowable Emissions (All Fuels)				60% Wood-40% Tires Test Program Actuals		
	RGS Proposed Final*		Interim Permitted				
Pollutant	lb/hr	tons/yr	lb/hr	tons/yr	lb/hr Avg.	lb/hr Max.1-hr	tons/yr Avg.
PM/PM10	12.6	55.2	12.6	55.2	1.2~	2.1~	5.3~
SO2	96.0	420.5	72.0**	315.4	75.0^	213.5^	328.5^
NOx	94.5	413.9	94.5	413.9	83.2^	153.1^	364.4^
CO	230.0	1,007.4	315.0	1,379.7	76.4^	447.2^	334.6^
VOC	22.1	96.8	22.1	96.8	1.4~	1.7~	6.1~
HCL	5.0	22.1	5.0	22.1	0.4~	0.7~	1.8~
Hg	0.022	0.097	0.022	0.097	8.6~"	9.1~"	37.7~"
Pb	0.25	1.1	0.25	1.1	9.3~"	40.0~"	40.7~"
Be	0.0063	0.03	0.0063	0.03	1.8~'	1.8~'	7.9~'

* Based on 24 hr. block averages of CEMS data over 8 month period.
** 30-day rolling average (amended for firing of 60% wood-40% tires).
~ Based on averages of two quarterly manual stack tests.
^ Based on total CEMS average for worst-case operation over 2 month period.
" Multiply by 0.0001.
' Multiply by 0.00001.

SPECIFIC CONDITIONS:

12. Whenever the baghouse bypass is activated during an on-line operating situation for any reason, the permittee shall within 24 hours provide the Department's Southwest District office with a complete report of the circumstances and reasons for the occurrence and indicating the amounts of pollutants estimated to have been discharged during the bypass period. [Rule 62-4.130, F.A.C.]

13. No pollutants shall be discharged from the RGS facility which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]

14. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation in Tallahassee prior to 60 days before the expiration of the permit. [Rule 62-4.090, F.A.C.]

15. An application for a Title V operation permit required under Chapter 62-213, F.A.C., must be submitted to the Department's Southwest District office at least 90 days prior to the expiration date of this construction permit. To properly apply for a Title V operation permit, the applicant shall submit the appropriate application form with certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit. [Rule 62-4.220, F.A.C.]

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Howard L. Rhodes, Director
Division of Air Resources Management

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

January 27, 1997

State of Florida
Department of Environmental Protection
Chief Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Air Permit #AC53-206244, PSD-FL-183
AIRS Number 1050216
Emissions Unit Identification Number 001

Dear Sir:

In accordance with 40 CFR 60.50a(d), 60.59a(b)(14), and 60.59a(m), enclosed please find data summarizing the daily wight of MSW and other fuels fired during the Fourth Quarter of 1996. Our percentage of MSW combusted continues to be under 30%, so we remain subject only to the record keeping and reporting requirements for co-fired combustors under the MWC-NSPS, 40 CFR Part 60, Subpart Ea.

If you have any questions regarding this submittal, please contact Chuck Davis at (941) 665-2255 (Ext. 250).

Sincerely,

George D. Woodward

George D. Woodward
Plant Manager

cc: EPA Region IV
B. Proses, DEP SW District
Ridge File 6.2.1.3

Certification # P 597 437 573

WHEELABRATOR RIDGE ENERGY INC.

FUEL STATISTICS
QUANTITIES IN TONS

DATE	TIRES	YARDWASTE	WOOD	PROPANE	
01-Oct-96	127.85	111.60	817.40	0.00	
02-Oct-96	46.91	44.67	320.39	6.96	
03-Oct-96	167.29	130.54	936.58	0.00	
04-Oct-96	172.49	127.50	922.42	0.00	
05-Oct-96	162.35	121.15	868.22	0.00	
06-Oct-96	0.00	0.00	0.00	0.00	
07-Oct-96	0.00	0.00	0.00	0.00	
08-Oct-96	0.00	0.00	0.00	0.00	
09-Oct-96	0.00	0.00	0.00	0.00	
10-Oct-96	0.00	0.00	0.00	0.00	
11-Oct-96	0.00	0.00	0.00	1.27	
12-Oct-96	39.86	52.14	352.49	11.39	
13-Oct-96	130.34	134.76	905.50	0.00	
14-Oct-96	146.23	138.55	917.44	0.00	
15-Oct-96	148.29	165.09	1070.36	0.00	
16-Oct-96	179.63	145.39	909.41	0.00	
17-Oct-96	140.78	169.00	1047.21	0.00	
18-Oct-96	184.67	173.10	1062.84	0.00	
19-Oct-96	155.74	191.81	1184.55	0.00	
20-Oct-96	169.98	177.88	1091.80	0.00	
21-Oct-96	157.55	185.25	1130.27	0.00	
22-Oct-96	145.28	181.06	1097.17	0.00	
23-Oct-96	140.17	176.00	1035.37	0.00	
24-Oct-96	150.10	171.39	1005.12	0.00	
25-Oct-96	142.88	174.67	1021.41	0.00	
26-Oct-96	107.39	139.15	811.76	0.00	
27-Oct-96	135.88	152.49	882.24	0.00	
28-Oct-96	164.76	141.58	816.41	0.00	
29-Oct-96	159.61	134.57	781.44	0.00	
30-Oct-96	161.61	154.07	873.19	0.00	
31-Oct-96	123.55	177.15	1000.22	0.00	
TOTAL	3561.19	3670.57	22861.20	19.62	30112.58
PERCENT	11.83	12.19	75.92	0.07	100.00
PERCENT MSW		24.02			

WHEELABRATOR RIDGE ENERGY INC.

FUEL STATISTICS
QUANTITIES IN TONS

DATE	TIRES	YARDWASTE	WOOD	PROPANE	
01-Nov-96	146.40	169.19	971.46	0.00	
02-Nov-96	146.91	173.22	1002.89	0.00	
03-Nov-96	135.67	161.41	926.09	0.00	
04-Nov-96	152.58	179.56	1022.55	0.00	
05-Nov-96	119.47	184.19	1039.46	0.00	
06-Nov-96	148.87	194.43	1072.93	0.00	
07-Nov-96	117.76	209.45	1131.94	0.00	
08-Nov-96	144.71	187.02	1023.47	0.00	
09-Nov-96	175.64	199.97	1098.54	0.00	
10-Nov-96	134.11	157.59	854.49	0.00	
11-Nov-96	139.50	171.47	922.09	0.00	
12-Nov-96	143.30	175.88	948.62	1.27	
13-Nov-96	155.73	202.70	1076.21	0.00	
14-Nov-96	159.48	183.98	969.67	0.81	
15-Nov-96	164.57	208.78	1112.22	0.00	
16-Nov-96	146.33	175.97	935.81	0.00	
17-Nov-96	99.14	174.38	916.14	0.00	
18-Nov-96	166.34	212.47	1108.81	0.00	
19-Nov-96	162.68	195.26	1008.72	0.00	
20-Nov-96	165.11	158.77	797.44	0.00	
21-Nov-96	108.90	167.07	842.50	0.00	
22-Nov-96	22.80	111.65	570.10	0.00	
23-Nov-96	123.76	197.35	1019.60	0.00	
24-Nov-96	169.89	185.27	971.21	0.00	
25-Nov-96	164.79	195.83	1031.49	0.00	
26-Nov-96	182.47	206.41	1076.12	0.00	
27-Nov-96	202.53	208.04	1058.56	0.00	
28-Nov-96	200.38	215.99	1087.66	0.00	
29-Nov-96	167.81	164.98	870.18	0.00	
30-Nov-96	138.75	178.19	949.67	0.00	
TOTAL	4406.38	5506.47	29416.64	2.07	39331.56
PERCENT	11.20	14.00	74.79	0.01	100.00
PERCENT MSW		25.20			

WHEELABRATOR RIDGE ENERGY INC.

FUEL STATISTICS
QUANTITIES IN TONS

DATE	TIRES	YARDWASTE	WOOD	PROPANE	
01-Dec-96	196.35	175.51	935.37	0.00	
02-Dec-96	167.40	154.33	831.14	0.00	
03-Dec-96	103.25	135.72	737.41	0.00	
04-Dec-96	178.00	200.73	1078.93	0.00	
05-Dec-96	147.19	165.66	892.71	0.00	
06-Dec-96	158.82	214.03	1158.69	0.63	
07-Dec-96	196.05	178.76	965.27	0.00	
08-Dec-96	179.27	192.22	1027.80	0.00	
09-Dec-96	163.48	184.16	995.48	0.00	
10-Dec-96	180.64	176.29	969.32	0.00	
11-Dec-96	111.97	122.16	657.20	0.00	
12-Dec-96	172.29	193.55	1047.04	0.00	
13-Dec-96	173.73	175.13	962.87	0.00	
14-Dec-96	196.30	149.94	823.31	0.00	
15-Dec-96	180.98	142.78	791.59	0.00	
16-Dec-96	158.59	136.47	768.88	0.00	
17-Dec-96	174.72	169.14	975.83	0.00	
18-Dec-96	133.49	120.96	700.26	0.00	
19-Dec-96	153.16	129.82	771.14	0.00	
20-Dec-96	188.15	144.65	863.14	0.00	
21-Dec-96	155.78	117.78	711.26	0.00	
22-Dec-96	159.15	135.00	824.76	0.00	
23-Dec-96	160.41	129.14	804.84	0.00	
24-Dec-96	143.58	112.40	718.04	0.00	
25-Dec-96	159.77	123.86	783.39	0.00	
26-Dec-96	122.65	96.80	618.34	0.00	
27-Dec-96	135.36	114.08	742.98	0.00	
28-Dec-96	134.64	113.97	765.56	0.00	
29-Dec-96	164.85	142.18	948.05	0.00	
30-Dec-96	125.75	104.43	696.05	0.00	
31-Dec-96	149.05	108.74	740.99	0.00	
TOTAL	4924.82	4560.39	26307.64	0.63	35793.48
PERCENT	13.76	12.74	73.50	0.00	100.00
PERCENT MSW		26.50			

WHEELABRATOR RIDGE ENERGY INC.

QUARTERLY
FUEL STATISTICS
QUANTITIES IN TONS

MONTH	TIRES	YARDWASTE	WOOD	PROPANE	TOTAL
October	3561.19	3670.57	22861.20	19.62	30112.58
November	4406.38	5506.47	29416.64	2.07	39331.56
December	4924.82	4560.39	26307.64	0.63	35793.48
TOTAL	12892.39	13737.43	78585.48	22.33	105237.63
PERCENT	12.25	13.05	74.67	0.02	100.00
PERCENT MSW		25.30			

Fold at line over top of envelope to

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- 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 to:
George D. Woodward, PM
Wheelabrator Ridge Energy
3131 K-Ville Ave
Auburndale, Fl
33823

4a. Article Number
P 265 659 143

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

7. Date of Delivery
1-11-97

5. Received By: *(Print Name)*

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

6. Signature: *(Addressee or Agent)*
X Linda Colon

PS Form **3811**, December 1994 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 265 659 143

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to G. Woodward	
Street & Number Wheelabrator Ridge	
Post Office, State, & ZIP Code Auburndale, Fl	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 1-9-97 PSD-FL-183	

PS Form **3800**, April 1995

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

January 17, 1997

Mr. A. A. Linero, P.E.
Department of Environmental Protection
Bureau of Air Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Subject: Ridge Generating Station (RGS)
Draft Amended Air Construction Permit No. AC53-206244 (PSD-FL-183)

Dear Mr. Linero:

This letter provides our response to your letter dated January 9, 1997 which we received on January 15, 1997. Our response to each of your comments is discussed below.

Specific Condition No. 3

We will accept your proposed revision of Specific Condition No. 3, assuming that the words "yard waste" are included after the word "wood" in the first sentence of the Condition.

Specific Condition No. 4

We do not believe that your proposed resolution for Specific Condition No. 4 will ensure compliance with the requirements of 40 CFR 60, Subpart Ea. In our December 6, 1996 letter we had suggested adding the following sentence to the end of Specific Condition No. 4:

> "Municipal Solid Waste (as defined in 40 CFR 60, Subpart Ea) shall be limited to 30 percent or less (by weight) of the fuel feed stream, as measured on a calendar quarterly basis."

Alternatively, the sentence could be modified as follows, and it could be included in either Specific Condition No. 3 or No. 4:

> "The combined total of tires, yard waste, and any waste wood that is defined as municipal solid waste in 40 CFR 60, Subpart Ea shall not exceed 30 percent (by weight) of the facility fuel feed stream, as measured on a calendar quarterly basis."

An approach such as this is required because tires and yard waste are defined as municipal

solid waste (MSW) in 40 CFR 60, Subpart Ea. Some waste wood may also be defined as MSW by Subpart Ea, but most of the waste wood received at RGS is not MSW. All MSW must be limited to 30 percent (by weight). We request that you incorporate one of the two approaches presented above. If neither approach is acceptable to the Department, we request an opportunity to discuss alternative wording with you before the final permit is issued.

Specific Condition No. 5

As we described in our letters of May 14 and December 6, 1996, we believe that the proposed revised BACT limit of 6.0 lb/hr for PM/PM10 is too stringent; and we request an opportunity to discuss this matter further before the final permit and BACT determinations are issued. We would like to schedule a conference call for Tuesday, January 21, 1997 with Mr. John Reynolds and yourself to discuss this issue further.

Specific Condition No. 7

We agree with your comment assuming that the wording of Specific Condition No. 5 clarifies that VE is the only pollutant for which annual compliance testing is required.

Specific Condition No. 15

We believe that the wording of Specific Condition No. 15 is a source of potential confusion because we have already submitted an application for a Title V Operation Permit. However, we are willing to accept the condition as written, based on the understanding that we have already complied with the requirements of this condition. If that is not correct, the situation should be clarified.

We appreciate your on-going efforts and those of John Reynolds in the preparation of the final permit and BACT determination. I am confident that we can resolve these outstanding issues. We will be contacting John Reynolds to schedule the conference call. If you have any questions on this letter, please contact Matt Killeen at (603) 929-3420 or Chuck Davis at (941) 665-2255 (Ext. 250).

Sincerely,

George D. Woodward

George D. Woodward
Plant Manager

Certification # P 597 437 569

cc: C. Davis
W. Ferguson
M. Killeen
J. Reynolds

CC: SWD
Polk Co

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

January 9, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. George D. Woodward
Plant Manager
Wheelabrator Ridge Energy, Inc.
3131 K-Ville Avenue
Auburndale, Florida 33823

RE: December 6, 1996 Comments on Draft Amended Air Construction Permit No. AC53-206244 (PSD-FL-183)

Dear Mr. Woodward:

This is in response to Wheelabrator Ridge Energy, Inc.'s (WREI) referenced letter requesting changes to Specific Conditions Nos. 3, 4, 5, 7 and 15 of the draft amended permit. The Department has the following comments:

Specific Condition No. 3:

The 16.1 % tire weight limitation was changed from the original amendment allowing 40% tires (16.9%, issued on August 8, 1995) based on a closer review of WREI's February 2, 1995 memo. The fuel feed rate calculations for 60% wood/40% tires show that 18,505 lb tires/hr is equivalent to 16.1% of the total fuel weight of 114,860 lb/hr. We will agree, however, to base the limit on a 24-hour block average due to instrumentation problems with this type of process.

Specific Condition No. 4:

The intent of this condition is to specifically exclude garbage and all municipal solid waste other than tires, yard waste and waste wood. The single reference to Subpart Ea in the first sentence is sufficient since the reference is exclusionary. There is no need to mention municipal solid waste in an inclusionary sense as long as the fuels are identified separately. Perhaps the best way to modify the wording is to include "yard waste" following "wood" in the first sentence of Specific Condition No. 3 and to move the last sentence of Specific Condition No. 4 making it the last sentence of Specific Condition No. 3, followed by the phrase "...as measured on a calendar quarterly basis". If landfill gas is not used, the current permit wording limits fuels to the following: tires - 18,505 lb/hr (16.1% of 114,860); yard waste - 34,458 lb/hr (30% of 114,860); waste wood - 61,897 lb/hr (53.9% of 114,860). WREI's proposed wording would contradict the first sentence in the condition, and the use of "or less" would be redundant if the "limit" is 30% (all lesser quantities are covered since there is a limit).

Specific Condition No. 5:

The clarifying words "testing is" will be added, however "Method 9" is listed as the compliance method for VE and does not need to be restated across from "PM/PM10". Since it is very unlikely that special tests for HCl, Hg, Pb, or Be will be required, it does not seem necessary to specify alternate methods at this point.

Regarding the PM/PM10 discussion, the Department agrees with some of your points but does not agree with the premise stated in the first paragraph to the effect that the proposed limit would jeopardize the future compliance status of the facility. Compliance is determined at 90-100% of the maximum load - - not at 75% load which was the operating rate for the high test results. The data show that at full load the facility would have no problem meeting the proposed limit with a 3-run test. We can't imagine a scenario where compliance testing would be done at 75% load since performance has been demonstrated at full load. While we agree that 0.01 gr/SCF is commonly used for many BACT determinations in the Clearinghouse, we should stress that the rationale for the proposed PM/PM10 limit is the same as for all other pollutants, i.e., a margin for compliance was set above the highest test result obtained under representative operating conditions. Where permit limits are based on proven margins above actual test results, and the data points fall below a prior "benchmark" for BACT determinations (0.011 gr/SCF), the relaxation of the limit to the prior benchmark figure would result in a compliance margin that is inconsistent with margins set for other pollutants.

There is another issue that should be discussed regarding the PM/PM10 test data. That issue concerns whether or not the high test results obtained while firing 80% wood/20% tires at 75% mode are valid and whether they should have any bearing on a limit that will be based on data obtained at 100% load. It can be shown mathematically that if the emissions from fuel A are equal to "x" and the emissions from fuel B are "y", then emissions from a 80/20 mixture of A and B should be roughly equivalent to $0.8x + 0.2y$, provided there is no reaction between A and B or other extraneous factors affecting emissions from their combustion. The average PM/PM10 emissions for 100% wood are 1.2 lb/hr. Though no data were obtained for 100% tires, the 60/40 test average is 1.4 lb/hr. Therefore one would expect that emissions from a 80/20 mixture would be no more than for the 60/40 mixture. In the absence of any evidence to the contrary, we must presume that the high numbers resulted from non-steady-state conditions during testing at 75% load.

Perhaps the most significant point concerning PM/PM10 compliance is that the lb/hr limit is provisional only, i.e. the lb/hr limit will probably never need to be enforced since all of the opacity test readings have been zero. Nonetheless, the provisional PM/PM10 limit will be increased from 4.0 to 6.0 lb/hr to provide a 50% margin above the highest test run for the 80/20 mixture at 100% load, and instead of being automatic if VE>10%, the Method 5 test will be required only "if requested". Then if the VE compliance test exceeds 10%, retesting for opacity can be done following replacement of faulty filter bags. Realizing that WREI will replace bags known prior to the compliance test to be faulty, it is hard to envision how compliance might be put in jeopardy as stated in your letter.

Specific Condition No. 7:

No change is necessary since it will be clear from the wording of Specific Condition No. 5 that VE is the only pollutant for which annual compliance testing is required.

Specific Condition No. 15:

The wording of this condition is standard for all construction permits. Even though a Title V permit application has actually been submitted, the requirement must be stated as if the permit was being originally issued.

In conclusion, since the above changes to the draft amended permit are not major and since no comments from the public have been received following publication of the notice on November 13, 1996, the Department intends to issue the final permit and BACT determination by January 22, 1997. If there are any questions regarding the above, please contact me or John Reynolds at (904) 488-1344.

Sincerely,

A. A. Linero, P.E. , Administrator
New Source Review Section

AAL/r

c: B. Thomas, SWD
R. Harwood, Polk County
B. Beals, EPA
J. Bunyak, NPS

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

December 6, 1996

Mr. A. A. Linero, P.E.
Department of Environmental Protection
Bureau of Air Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Subject: Ridge Generating Station
Draft Amended Air Construction Permit No. AC53-206244 (PSD-FL-183)

Dear Mr. Linero:

This letter provides our comments on the Draft Amended Air Construction Permit for Ridge Generating Station (RGS) which was sent in a letter dated October 8, 1996 and received at the facility on October 16, 1996. We agree with most of the proposed revisions to the permit; however, as discussed below, we request several specific clarifications and revisions. In each instance the proposed revisions have been underlined to facilitate your review.

Specific Condition No. 3

Specific Condition No. 3 should be revised as follows:

3. Fuel for firing the RGS boiler shall consist only of wood, yard waste, landfill gas, and up to 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 18,505 pounds of tires per hour. The tire firing rate shall be limited to 18,505 pounds of tires per hour, based on a 24-hour block average. Propane may be used as a startup, shutdown, and combustion stabilization fuel and shall not exceed an annual capacity factor of 10 percent of total heat input.

The 16.9 percent tire weight limitation is consistent with the current permit, as amended on August 8, 1995, and we request that the 16.9 percent limit be maintained.

As we indicated in our letter of December 26, 1995, an averaging period is necessary because the load cell is located on a belt that intermittently delivers tires to feed

hoppers rather than directly to the boiler. Since the feed to the hoppers is intermittent, the measured tire feed rate may be well below the weight limit one hour and substantially above the weight limit the next hour, while the feed from the hoppers to the boiler will be much more consistent. As such, an averaging period is appropriate and necessary to demonstrate compliance. A 24-hour block average is requested.

Specific Condition No. 4

Specific Condition No. 4 should be revised as follows:

4. No municipal type solid waste, as defined in 40 CFR 60, Subpart Ea (except tires, yard waste, and waste wood), or hazardous waste, as defined in 40 CFR 261 and Rule 62-730.020, F.A.C., or medical waste as defined in 40 CFR 60.51a, or biomedical waste as defined in Rule 62-712.200, F.A.C., shall be burned at any time at the RGS facility. Municipal solid waste (as defined in 40 CFR 60, Subpart Ea) shall be limited to 30 percent or less (by weight) of the fuel feed stream, as measured on a calendar quarterly basis.

As discussed in our December 26, 1995 letter, the requested 30 percent limitation on municipal solid waste feed is necessary to clarify the regulatory requirements related to 40 CFR 60, Subpart Ea, and the quarterly basis for demonstrating compliance is consistent with the recently promulgated revisions to Subparts Ea and Eb. As currently proposed, the 30 percent limitation is not broad enough to address the requirements of 40 CFR 60 Subpart Ea because the limitation does not address all materials that are defined as MSW in Subpart Ea. The current limit addresses only yard waste, while tires are also included in the definition of MSW under Subpart Ea and some (but definitely not all) of the waste wood may also be defined as MSW.

The revision is being requested solely to satisfy the requirements of Subpart Ea, and it is an essential change in order to ensure compliance with those requirements. It is not an attempt to expand the types of fuels that can be combusted at the facility and the first sentence of Specific Condition No. 4 explicitly limits those types of fuels to tires, yard waste, and waste wood.

Specific Condition No. 5

Specific Condition No. 5 should be revised to include the changes identified below.

5. The RGS boiler exhaust gases shall not exceed the following limits (Rule 62-212.400, F.A.C.):

Pollutant	Lbs/Hr.	Tons/Yr	Basis for Compliance
SO_2	65.0	284.7	30-Day Rolling Average CEMS
NO_x	90.0	394.2	30-Day Rolling Average CEMS
CO	200.0	876.0	30-Day Rolling Average CEMS
PM/PM_{10}	10.5	46.0	EPA Method 5 if Method 9 VE > 10% Opacity
VOC	22.1	96.8	EPA Method 25A (if testing is requested)
HCl	5.0	21.9	EPA Method 26 or 26A (if testing is requested)
Hg	0.022	0.096	EPA Method 101A or 29 (if testing is requested)
Pb	0.25	1.1	EPA Method 12 or 29 (if testing is requested)
Be	0.0063	0.028	EPA Method 104 or 29 (if testing is requested)
VE	10% Opacity		EPA Method 9 -- Annual

PM/PM_{10}

As discussed in our letter of May 14, 1996, we believe that the proposed revised limit for PM/PM_{10} is too stringent and must be revised. Based on the existing stack test data, Ridge Generating Station Limited Partnership (RGSLP) cannot guarantee that it can consistently achieve the proposed limit. Therefore, including the proposed limit in the final amended permit would jeopardize the future compliance status of the facility.

The proposed revised BACT limit for PM/PM_{10} is 4.0 lb/hr (based on EPA Method 5) which is equivalent to 0.003 gr/dscf @ 7% O_2. The Department established this proposed limit based on a measured emission rate of 2.1 lb/hr, which was associated with the highest of 6 individual runs that were conducted while the facility was combusting 60% wood/40% tires at 100% load. The 2.1 lb/hr measured value was adjusted to provide a margin for compliance. While 2.1 lb/hr was the highest individual run for the 60% wood/40% tire condition, it was not the highest measured value for other fuel conditions.

As described in Appendix A of the Comprehensive Testing Program Report (submitted June 29, 1995), PM/PM_{10} data were collected during eight operating conditions with three test runs per condition for a total of twenty-four individual runs. There were eight individual runs that were higher than the 2.1 lb/hr value referenced as the basis for the revised BACT limit. All eight of these occurred when the facility was combusting 80% wood/20% tires. One of these eight runs was at the proposed revised

limit of 4.0 lb/hr and two of the individual runs exceeded the proposed revised BACT limit. More importantly, the three-run average for Condition 1A (80% wood/20% tires) was 6.1 lb/hr, which is greater than the proposed final limit, and one of the individual runs was measured at the current permit limit.

We do not believe that it is appropriate to ignore valid stack test data from the facility just because it was collected during fuel conditions other than 60% wood/40% tires. The data were collected in accordance with the approved test protocol, and they demonstrate that the air pollution control equipment installed at the facility cannot consistently meet the proposed revised BACT limit for PM/PM_{10} for all permitted fuel combinations.

The current PM/PM_{10} limit of 12.6 lb/hr is equivalent to approximately 0.011 gr/dscf @ 7% O_2 or 0.02 lb/MMBtu, and it is an appropriate BACT limit for this type of facility. The PM limit was not identified as one of the disputed emission limitations in the initial BACT Determination (approved September 29, 1992). The initial Department's proposed BACT limit was the same as the limit proposed by RGSLP, and current data from the BACT/LAER Clearinghouse illustrate that it is still an appropriate emission limitation for this specific facility (see Attachment A). The Clearinghouse data indicate that the most stringent PM_{10} limit for a similar facility is 0.02 lb/MMBtu, which is consistent with the current RGS permit limit, and that the two most recent permit limits are greater than the current RGS limit. Therefore, it is not necessary to reduce the limit, nor is it warranted based on the data.

Finally, there is considerable uncertainty associated with consistently establishing accurate test results at the proposed 4.0 lb/hr limit (0.003 gr/dscf @ 7% O_2). The 0.003 gr/dscf is equivalent to a particulate catch weight of 9.5 mg actual, based on a 60 dscf sample volume (≈ 2 hour test run). The target minimum catch weight is 25 mg for reasonable accuracy and precision values using USEPA Method 5. Catch weights below 25 mg cannot be consistently and accurately measured. Therefore, the compliance status of the facility is jeopardized.

While we believe that the current PM/PM_{10} permit limit can be justified based on the existing stack test data, RGS is willing to accept a limit of 10.5 lb/hr (equivalent to approximately 0.008 gr/dscf). This limit would be achievable by the facility, would allow for a 25 mg target particulate catch weight using USEPA Method 5, and would represent a BACT limit lower than any currently listed in the BACT/LAER Clearinghouse.

Basis for Compliance

The compliance test methods should also reference USEPA Method 29 for Hg, Pb, and Be. USEPA Method 26A should also be listed for HCl. These methods are equivalent or superior to those proposed in the permit, and they have all been previously approved by the Department for similar testing. Both methods have been promulgated by USEPA under 40 CFR 60 Appendix A, and they are the methods that RGS will propose if future compliance testing is required. Including them as alternatives in the final

permit will avoid unnecessary future reviews and delays associated with the approvals necessary to use the alternative methods.

Minor wording changes are also requested to clarify that the "(only if requested)" phrase deals with testing and not with the specified test methods.

Specific Condition No. 7

The first sentence of Specific Condition No. 7 should be revised as follows:

> 7. Since the performance test requirements for the RGS facility have been satisfied through completion of the emissions testing program required by the interim construction permit, no further compliance tests shall be required other than the annual visible emission compliance tests specified in Specific Condition No. 5.

This revision is requested to clarify that the annual compliance tests are limited to a VE test using EPA Method 9 and a test for PM/PM_{10}, using EPA Method 5, if the VE > 10% opacity.

Specific Condition No. 15

Specific Condition No. 15 should be deleted or it should be revised as follows:

> An application for a Title V operation permit required under Chapter 62-213, F.A.C., was submitted to the Department's Southwest District Office on June 14, 1996.

RGS intends to revise the Title V application to incorporate the revised specific conditions once the final amended permit is issued.

We appreciate this opportunity to provide our comments on the Draft Amended Air Construction Permit. If you have any questions related to our comments, please contact Matt Killeen at (603) 929-3420 or Chuck Davis at (941) 665-2255 (Ext. 250). If our requested revisions are not acceptable to the Department, we would like an opportunity to meet with you before a final amended permit is issued.

Sincerely,

George D. Woodward

George D. Woodward
Plant Manager

Attachment

Certification #P 597 437 556

cc: C. Davis
W. Ferguson
M. Killeen
J. Reynolds

CC: EPA
NPS
SWD
POLK CO.

ATTACHMENT

A

Best Available Copy

AFFIDAVIT OF PUBLICATION

THE LEDGER

Lakeland, Polk County, Florida

Case No ....

STATE OF FLORIDA)
COUNTY OF POLK)

Before the undersigned authority personally appeared Nelson Kirkland, who on oath says that he is Classified Advertising Manager of The Ledger, a daily newspaper published at Lakeland in Polk County, Florida; that the attached copy of advertisement, being a

Public Notice Of Intent

in the matter of

Amended Air Conditioning Permit

in the ....

Court, was published in said newspaper in the issues of

November 13;

1996

Affiant further says that said The Ledger is a newspaper published at Lakeland, in said Polk County, Florida, and that the said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered as second class matter at the post office in Lakeland, in said Polk County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Signed [signature]
Nelson Kirkland
Classified Advertising Manager
By Nelson Kirkland who is personally known to me

Sworn to and subscribed before me this 13th

day of November A.D. 19 96

(Seal) [signature]
Notary Public

DONALD RAY JENKINS
MY COMMISSION # CC 588345
EXPIRES: September 18, 2000
Bonded Thru Notary Public Underwriters

My Commission Expires ....

Order#602824
Wheelabrator

R713

PUBLIC NOTICE OF INTENT TO ISSUE AMENDED AIR CONSTRUCTION PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Amended Permit No.: AC53-206244.
(PSD-FL-183)
Ridge Generating Station
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an amended air construction permit to Wheelabrator Ridge Energy, Inc. for the Ridge Generating Station located at 3131 K-Ville Avenue, Auburndale, Polk County. A Best Achievable Control technology (BACT) determination was required. The applicant's name and address are: Wheelabrator Ridge Energy Inc., 3131 K-Ville Avenue, Auburndale, Florida 33823.

This company applied on April 6, 1992, to construct a wood and tire-fired power generation facility. The original construction permit was issued on September 29, 1992, and amended on August 8, 1995, allowing an increase in the tire firing rate from 20% to 40% of total heat input. Sulfur dioxide hydrogen chloride and particulate emissions from this facility are controlled by a spray dryer and fabric filter system. Nitrogen oxide emissions are controlled by selective non-catalytic reduction. Efficient combustion is employed to minimize carbon monoxide emissions. An emissions testing program was required by the original permit so the final emission limits could be established. Whereas the final emission limits are more stringent than the interim emission limits, this final permit will not result in any increase in air pollution from this facility.

The Department will issue the FINAL Amended Permit, in accordance with the conditions of the enclosed DRAFT Amended Permit unless a response received in accordance with the following procedures results in a different decision or significant change in terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Amended Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Amended Permit, the Department shall issue a Revised DRAFT Amended Permit and require, if applicable, another Public Notice.

The Department will issue FINAL Amended Permit with the attached conditions of the enclosed DRAFT Amended Permit unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S. or a party requests mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediation.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the 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, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee Florida 32399-3000, telephone: 904/488-9370, fax: 904/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A person whose substantial interests are affected by the Department's proposed permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information: (a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any; (b) A statement of the preliminary agency action; (c) A statement of the relief sought; and (d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following: (a) The names, addresses, and telephone numbers of any persons who may attend the mediation; (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time; (c) The agreed allocation of the costs and fees associated with the mediation; (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation; (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen) (f) The name of each party's representative who shall have authority to settle or recommend settlement; and (g) The signatures of all parties or their authorized representatives

As provided in section 120.573 F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, of:

Department of Environmental Protection
Bureau of Air Regulation
111 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone 904/488-1344

...otection

...udes the Draft Amended Permit, the revised BACT Determination, the ...nation submitted by the applicant, exclusive of confidential records ...erested persons may contact the Administrator, New Source Review ...a Drive, Suite 4, Tallahassee, Florida 32301, or call 904/488-1344, for

1. John Reynolds - info
2. Heather/file - Wheelabrator Ridge

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

October 23, 1996

State of Florida
Department of Environmental Protection
Chief Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Air Permit #AC53-206244, PSD-FL-183
AIRS Number 1050216
Emissions Unit Identification Number 001

Dear Sir:

In accordance with 40 C.F.R. 60.50a(d), 60.59a(b)(14), and 60.59a(m), enclosed please find data summarizing the daily weight of MSW and other fuels fired during the Second Quarter of 1996. Our percentage of MSW combusted continues to be under 30%, so we remain subject only to the record keeping and reporting requirements for co-fired combustors under the MWC-NSPS, 40 C.F.R. Part 60, Subpart Ea.

If you have any questions regarding this submittal, please contact Chuck Davis at (941) 665-2255 (Ext. 250).

Sincerely,

George D. Woodward

George D. Woodward
Plant Manager

cc: EPA Region IV
B. Proses, DEP SW District
Ridge File 6.2.1.3

Certification # P 597 437 548

cc: NPS
Polk Co.
J. Reynolds, BAR

Date: October 23, 1996

Subject: Department of Environmental Protection
Ridge Generating Station
Air Permit #AC53-206244, PSD-FL-183
AIRS Number 1050216
Emissions Unit Identification Number 001

bcc: F. Ferraro
M. Killeen
B. Ferguson
S. King

CC: John Reynolds, BAR

WHEELABRATOR RIDGE ENERGY

JULY 1996 STATS

ALL QUANTITIES IN TONS

	MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		TOTAL
DAY	YARDWASTE	TIRES	PROCESSED	WOOD	PROPANE	PROCESSED
1	209.08	86.62	295.70	1020.33	0.00	1316.03
2	179.83	88.08	267.91	928.36	0.00	1196.27
3	188.19	90.38	278.57	929.38	0.00	1207.95
4	178.79	95.21	274.00	881.30	0.00	1155.30
5	174.14	121.80	295.94	873.05	0.00	1168.99
6	136.09	148.70	284.79	666.61	0.00	951.40
7	158.46	128.42	286.88	768.48	0.00	1055.36
8	118.82	99.49	218.31	593.69	0.00	812.00
9	76.57	72.36	148.93	414.42	17.09	580.44
10	133.41	96.66	230.07	732.33	0.00	962.40
11	122.72	103.25	225.97	695.82	0.00	921.79
12	80.84	92.12	172.96	469.99	0.00	642.95
13	94.04	122.07	216.11	532.95	0.00	749.06
14	119.62	142.05	261.67	674.07	0.00	935.74
15	123.61	156.97	280.58	695.37	0.00	975.95
16	85.59	93.43	179.02	498.04	0.00	677.06
17	72.85	86.01	158.86	405.40	0.00	564.26
18	73.48	73.37	146.85	402.61	8.86	558.32
19	115.62	87.50	203.12	640.88	0.00	844.00
20	132.66	89.03	221.69	729.40	0.00	951.09
21	147.90	110.48	258.38	810.06	0.00	1068.44
22	154.32	112.69	267.01	835.17	0.00	1102.18
23	142.32	82.43	224.75	810.52	0.00	1035.27
24	165.09	109.89	274.98	898.48	0.00	1173.46
25	110.56	92.07	202.63	593.64	0.00	796.27
26	102.75	68.61	171.36	558.59	14.56	744.51
27	166.04	120.58	286.62	904.26	0.00	1190.88
28	156.80	104.32	261.12	836.90	0.00	1098.02
29	108.36	92.14	200.50	581.81	0.00	782.31
30	119.34	117.00	236.34	664.79	0.00	901.13
31	99.88	94.91	194.79	552.73	3.17	750.69
TOTAL	4047.79	3083.73	7031.64	21046.68	40.51	28118.83
PERCENT			25.01%	74.85%	0.14%	100.00%

WHEELABRATOR RIDGE ENERGY

AUGUST 1996 STATS

ALL QUANTITIES IN TONS

	MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		TOTAL
DAY	YARDWASTE	TIRES	PROCESSED	WOOD	PROPANE	PROCESSED
1	127.46	125.65	253.11	712.08	0.00	965.19
2	118.04	83.14	201.18	665.82	0.00	867.00
3	141.27	123.48	264.75	792.51	0.00	1057.26
4	162.69	160.31	323.00	933.70	0.00	1256.70
5	210.99	145.54	356.53	1219.55	0.00	1576.08
6	158.99	123.87	282.86	949.83	0.00	1232.69
7	176.79	124.60	301.39	1018.81	0.00	1320.20
8	160.24	177.95	338.19	923.00	0.00	1261.19
9	87.63	83.89	171.52	512.53	16.22	700.27
10	136.20	137.57	273.77	780.53	0.00	1054.30
11	138.16	165.31	303.47	783.19	0.00	1086.66
12	136.34	172.50	308.84	807.06	0.00	1115.90
13	137.70	155.88	293.58	825.61	0.00	1119.19
14	182.21	153.53	335.74	1020.05	0.00	1355.79
15	173.46	147.63	321.09	962.25	0.00	1283.34
16	175.48	174.28	349.76	990.52	0.00	1340.28
17	188.39	179.77	368.16	1041.79	0.00	1409.95
18	190.09	149.85	339.94	1039.52	0.00	1379.46
19	0.00	2.64	2.64	0.00	0.00	2.64
20	168.10	134.33	302.43	937.12	0.00	1239.55
21	202.27	112.04	314.31	1067.06	0.00	1381.37
22	65.23	45.77	111.00	343.21	7.42	461.63
23	195.80	158.41	354.21	1048.29	0.00	1402.50
24	204.65	166.82	371.47	1072.31	0.00	1443.78
25	174.32	165.70	340.02	913.41	0.00	1253.43
26	184.57	189.89	374.46	985.46	0.00	1359.92
27	137.42	158.48	295.90	751.45	0.00	1047.35
28	167.17	183.49	350.66	885.19	0.00	1235.85
29	158.92	173.23	332.15	838.07	5.06	1175.28
30	149.03	192.98	342.01	796.86	0.00	1138.87
31	159.50	165.88	325.38	864.75	0.00	1190.13
TOTAL	4769.08	4268.53	8878.11	25616.81	28.70	34523.62
PERCENT			25.72%	74.20%	0.08%	100.00%

WHEELABRATOR RIDGE ENERGY

SEPTEMBER 1996 STATS

ALL QUANTITIES IN TONS

	MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		TOTAL
DAY	YARDWASTE	TIRES	PROCESSED	WOOD	PROPANE	PROCESSED
1	129.81	159.06	288.87	702.76	0.00	991.63
2	119.12	156.19	275.31	642.23	0.00	917.54
3	147.41	179.34	326.75	803.20	0.00	1129.95
4	150.05	174.17	324.22	822.48	0.00	1146.70
5	167.17	188.48	355.65	907.40	11.39	1274.44
6	198.26	104.61	302.87	1060.98	0.00	1363.85
7	198.55	140.49	339.04	1050.05	0.00	1389.09
8	176.94	134.76	311.70	932.99	0.00	1244.69
9	159.16	141.89	301.05	844.94	0.00	1145.99
10	189.23	175.81	365.04	1011.36	0.00	1376.40
11	163.22	136.53	299.75	849.40	0.00	1149.15
12	184.11	108.02	292.13	963.49	0.00	1255.62
13	198.15	139.91	338.06	1043.00	0.00	1381.06
14	195.79	168.28	364.07	1018.70	0.00	1382.77
15	174.27	167.36	341.63	892.70	0.00	1234.33
16	187.60	159.72	347.32	938.00	0.00	1285.32
17	191.09	156.02	347.11	949.03	0.00	1296.14
18	117.94	109.03	226.97	568.35	0.00	795.32
19	123.85	107.85	231.70	576.64	1.90	810.24
20	198.01	134.70	332.71	901.20	0.00	1233.91
21	202.53	145.77	348.30	926.83	0.00	1275.13
22	217.17	135.24	352.41	982.23	0.00	1334.64
23	194.78	151.36	346.14	870.04	0.00	1216.18
24	195.00	124.18	319.18	864.28	0.00	1183.46
25	217.22	121.58	338.80	938.65	0.00	1277.45
26	217.53	101.26	318.79	948.74	0.00	1267.53
27	220.16	120.45	340.61	924.77	0.00	1265.38
28	235.09	100.53	335.62	979.88	0.00	1315.50
29	219.66	124.54	344.20	920.47	0.00	1264.67
30	194.56	147.98	342.54	817.29	0.00	1159.83
TOTAL	5483.46	4215.11	9698.57	26652.05	13.29	36363.91
PERCENT			26.67%	73.29%	0.04%	100.00%

WHEELABRATOR RIDGE ENERGY

3RD QUARTER 1996
SUMMARY

ALL QUANTITIES IN TONS

	MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		TOTAL
MONTH	YARDWASTE	TIRES	PROCESSED	WOOD	PROPANE	PROCESSED
JULY	4047.79	3083.73	7031.64	21046.68	40.51	28118.83
AUGUST	4769.08	4268.53	8878.11	25616.81	28.70	34523.62
SEPT.	5483.46	4215.11	9698.57	26652.05	13.29	36363.91
TOTAL	14300.34	11567.37	25608.33	73315.53	82.51	99006.37
PERCENT			25.87%	74.05%	0.08%	100.00%

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

Circulate
Marty
John Reynolds
Mike Harley
Heather Hirst (last → to appropriate file)

October 16, 1996

Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318

(Any of you can tell me if you need to see this sort of stuff – al)

Attn: Mr. Bill Proses

Subject: Ridge Generating Station
Air Permit #AC53-206244
AIRS #1050216
Emissions Unit ID 001
Excess Emissions and Monitoring Systems Performance Report

Dear Sir:

Pursuant to 40CFR60, Subpart Db, and 40CFR60.7, please find enclosed Ridge Generating Station's Third Quarter 1996 Excess Emissions and Monitoring Systems Performance Report for Opacity. This covers the period from July 1, 1996 through September 30, 1996.

Also enclosed is a Cylinder Gas Audit (CGA) report for the CGA conducted during the third quarter of 1996. The report indicates that all of the accuracy results were within the 15 percent specifications.

Please feel free to contact Chuck Davis at (941) 665-2255 (EXT. 250) should you have any questions or concerns regarding this submittal.

Sincerely,

George D. Woodward

George D. Woodward
Plant Manager

cc: Bureau of Air Regulation (w/o attachment)
EPA Region IV (w/o attachment)
T. Porter
F. Ferraro (w/o attachment)
Ridge File 6.2.1.4

Certification # P597 437 547

SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One -- SO_2 / NO_x / TRS / H_2S / CO / Opacity)

Reporting Period Dates: From 07/01/96 to 09/30/96

Company: Ridge Generating Station

Address: 3131 K-Ville Ave.
Auburndale, FL 33823

Emission Limitation: 10%

Monitor Manufacturer and Model Number: Thermal Environmental Instruments, Inc. - Model 400B

Date of Latest CMS Certification or Audit: 09/30/96

Process Unit(s) Description:
Wood and Tire Fired Boiler - Unit 1

Total Source Operating Time in Reporting Period: 125,649 [1]

Emission Data Summary		CMS Performance Summary	
1. Duration of excess emissions in reporting period due to:		1. CMS downtime in reporting period due to:	
a. Startup/shutdown	0	a. Monitor equipment malfunctions	2004
b. Control equipment problems	0	b. Non-Monitor equipment malfunctions	1644
c. Process problems	0	c. Quality assurance calibration	1098
d. Other known causes	0	d. Other known causes	30
e. Unknown causes	0	e. Unknown causes	96
2. Total duration of excess emission	0	2. Total CMS Downtime	4872
3. Total duration of excess emissions x (100) (Total source operating time)	0 [2]	3. **[Total CMS Downtime] x (100)** (Total source operating time)	3.88% [2]

On a separate page, describe any changes since last quarter in CMS, process, or controls.
I certify that the information contained in this report is true, accurate, and complete.

George D. Woodward		Plant Manager	10/16/96
Name	Signature	Title	Date

[1] For opacity, record all times in minutes. For gases, record all times in hours.

[2] For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 560.7(c) shall be submitted.

\EMIS_REP.3rd

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

October 8, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. George D. Woodward
Plant Manager
Wheelabrator Ridge Energy, Inc.
3131 K-ville Avenue
Auburndale, Florida 33823

Re: DRAFT Amended Air Construction Permit No.: AC53-206244 (PSD-FL-183)
Ridge Generating Station

Dear Mr. Woodward:

Enclosed is one copy of the DRAFT Amended Air Construction Permit and BACT Determination for the Ridge Generating Station located at 3131 K-ville Avenue, Auburndale, Polk County. The Department's Intent to Issue Amended Air Construction Permit and the "PUBLIC NOTICE OF INTENT TO ISSUE AMENDED AIR CONSTRUCTION PERMIT" are also included.

The "PUBLIC NOTICE OF INTENT TO ISSUE AMENDED AIR CONSTRUCTION PERMIT" must be published within 30 (thirty) days of receipt of this letter. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within 7 (seven) days of publication.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. A. A. Linero, P.E. at the above letterhead address. If you have any questions, please contact John Reynolds at 904/488-1344.

Sincerely,

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

CHF/hh

Enclosures

In the Matter of an
Application for Permit by:

Wheelabrator Ridge Energy, Inc.
3131 K-Ville Avenue
Auburndale, Florida 33823/

Permit No.: AC53-206244, (PSD-FL-183)
Ridge Generating Station
Polk County

INTENT TO ISSUE AMENDED AIR CONSTRUCTION PERMIT

The Department of Environmental Protection (Department) gives notice of its intent to issue an amended air construction permit (copy of DRAFT Amended Permit enclosed) as detailed in the permit file specified above, for the reasons stated below.

The applicant, Wheelabrator Ridge Energy, Inc., applied on April 6, 1992, to the Department for an air construction permit to construct a wood and tire-firing power generation facility known as the Ridge Generating Station located at 3131 K-Ville Avenue, Polk County. The original construction permit was issued on September 29, 1992, and amended on August 8, 1995, allowing an increase in the tire firing rate from 20% to 40% of total heat input. An emissions testing program was required by the original permit so the final emission limits could be established in a final BACT determination and amended construction permit.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-212. This source is not exempt from permitting procedures. The Department has determined that an amended air construction permit is required to operate the facility as proposed.

The Department intends to issue this amended air construction permit based on the belief that reasonable assurances have been provided to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE AMENDED AIR CONSTRUCTION PERMIT." The notice shall be published one time only within 30 (thirty) days in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "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. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400

(Telephone: 904/488-1344; Fax: 904/922-6979), within 7 (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 pursuant to Rule 62-103.150(6), F.A.C.

The Department will issue the FINAL Amended Permit, in accordance with the conditions of the enclosed DRAFT Amended Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Amended Permit issuance action for a period of 30 (thirty) days from the date of publication of "PUBLIC NOTICE OF INTENT TO ISSUE AMENDED AIR CONSTRUCTION PERMIT." Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Amended Permit, the Department shall issue a Revised DRAFT Amended Permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S., or a party requests mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediation.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 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, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 904/488-9730, fax: 904/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A person whose substantial interests are affected by the Department's proposed permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information: (a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any; (b) A statement of the preliminary agency action; (c) A statement of the relief sought; and (d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following: (a) The names, addresses, and telephone numbers of any persons who may attend the mediation; (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time; (c) The agreed allocation of the costs and fees associated with the mediation; (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation; (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen; (f) The name of each party's representative who shall have authority to settle or recommend settlement; and (g) The signatures of all parties or their authorized representatives.

As provided in section 120.573 F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under section 120.542 F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in section 120.542(2) F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the EPA and by any person under the

Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE AMENDED AIR CONSTRUCTION PERMIT (including the PUBLIC NOTICE, revised BACT Determination, and the DRAFT amended permit) and copies were mailed by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 10-10-96 to the persons listed:

Mr. George D. Woodward, Wheelabrator Ridge Energy, Inc. *
Mr. Bill Thomas, SWD
Mr. Roy Harwood, Polk County
Mr. Brian Beals, EPA
Mr. John Bunyak, NPS

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Kyra Tibbs 10-10-96
(Clerk) (Date)

NOTICE TO BE PUBLISHED IN THE NEWSPAPER

PUBLIC NOTICE OF INTENT TO ISSUE AMENDED AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Amended Permit No.: AC53-206244, (PSD-FL-183)
Ridge Generating Station
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an amended air construction permit to Wheelabrator Ridge Energy, Inc. for the Ridge Generating Station located at 3131 K-Ville Avenue, Auburndale, Polk County. A Best Achievable Control Technology (BACT) determination was required. The applicant's name and address are: Wheelabrator Ridge Energy Inc., 3131 K-Ville Avenue, Auburndale, Florida 33823.

This company applied on April 6, 1992, to construct a wood and tire-fired power generation facility. The original construction permit was issued on September 29, 1992, and amended on August 8, 1995, allowing an increase in the tire firing rate from 20% to 40% of total heat input. Sulfur dioxide, hydrogen chloride and particulate emissions from this facility are controlled by a spray dryer and fabric filter system. Nitrogen oxide emissions are controlled by selective non-catalytic reduction. Efficient combustion is employed to minimize carbon monoxide emissions. An emissions testing program was required by the original permit so the final emission limits could be established. Whereas the final emission limits are more stringent than the interim emission limits, this final permit will not result in any increase in air pollution from this facility.

The Department will issue the FINAL Amended Permit, in accordance with the conditions of the enclosed DRAFT Amended Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Amended Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Amended Permit, the Department shall issue a Revised DRAFT Amended Permit and require, if applicable, another Public Notice.

The Department will issue FINAL Amended Permit with the attached conditions of the enclosed DRAFT Amended Permit unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S. or a party requests mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediation.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the 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, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 904/488-9370, fax: 904/487-4938. Petitions must be filed within fourteen days of

NOTICE TO BE PUBLISHED IN THE NEWSPAPER

publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A person whose substantial interests are affected by the Department's proposed permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information: (a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any; (b) A statement of the preliminary agency action; (c) A statement of the relief sought; and (d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following: (a) The names, addresses, and telephone numbers of any persons who may attend the mediation; (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time; (c) The agreed allocation of the costs and fees associated with the mediation; (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation; (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen; (f) The name of each party's representative who shall have authority to settle or recommend settlement; and (g) The signatures of all parties or their authorized representatives.

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As provided in section 120.573 F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

A complete project file 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 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 904/488-1344
Fax: 904/922-6979

Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100
Fax: 813/744-6084

The complete project file includes the Draft Amended Permit, the revised BACT Determination, the original permit, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Source Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 904/488-1344, for additional information.

Department of Environmental Protection

DRAFT

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

PERMITTEE:
Wheelabrator Ridge Energy, Inc.
3131 K-Ville Avenue
Auburndale, FL 33823

Permit Number: **AC 53-206244**
PSD-FL-183
Expiration Date: **May 31, 1997**
County: **Polk**
Project: **Wood/Tire Burning Power Generation Facility**

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-204 through 62-297, and 62-4, Florida Administrative Code (F.A.C.). The above named permittee is hereby authorized to perform the work or operate the emission unit shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department of Environmental Protection (Department) and specifically described as indicated below:

For the construction of a 50 Megawatt power generation facility to be known as the Ridge Generating Station located at State Road 5 and Taylor Road near Auburndale, Polk County Florida. The UTM coordinates are 416.7 km East and 3,100.4 km North.

Construction of this facility shall be in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. DEP letter dated 1-17-92.
2. WRE letter dated 3-19-92.
3. WRE letter dated 3-27-92.
4. WRE letter dated 4-6-92.
5. NPS letter dated 6-12-92.
6. EPA letter dated 7-15-92.
7. WRE letter dated 8-24-92.
8. EPA letter dated 8-27-92.
9. Permit issued 9-29-92.
10. WRE letter dated 2-2-95.
11. WRE letter dated 4-27-95.
12. DEP letter dated 7-3-95.
13. DEP letter dated 7-6-95.
14. DEP letter dated 7-17-95.
15. Amendment dated 8-8-95.
16. WRE letter dated 12-26-95.
17. DEP letter dated 1-29-96.
18. WRE letter dated 5-14-96.
19. DEP letter dated 6-5-96.
20. WRE letter dated 7-31-96.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, F.S. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), F.S, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of

GENERAL CONDITIONS:

credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

a. have access to and copy any records that must be kept under the conditions of the permit;

b. inspect the facility, equipment, practices, or operations regulated or required under this permit; and

c. sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

a. a description of and cause of non-compliance; and

b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and F.S. after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

GENERAL CONDITIONS:

11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:
(X) Determination of Best Available Control Technology (BACT - Attached and incorporated into this permit)
(X) Determination of Prevention of Significant Deterioration (PSD)
(X) Compliance with New Source Performance Standards (NSPS)

14. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. Unless otherwise indicated, the construction and operation of the Ridge Generating Station (RGS) facility shall be in accordance with the capacities and specifications stated in the revised application. [Rule 62-210.300, F.A.C.]

2. The RGS facility shall be allowed to operate at a maximum capacity of 50 Megawatts (approximately equivalent to 630 MMBTU/hr) for 8760 hours per year. [Rule 62-210.200(223), F.A.C.]

3. Fuel for firing the RGS boiler shall consist only of wood, landfill gas, and up to 16.1 percent tires (percent by weight equivalent to 40 percent tires based on heat content). The 16.1 percent tire weight limitation is equivalent to a tire firing rate of 18,505 pounds of tires per hour. Propane may be used as a startup, shutdown, and combustion stabilization fuel and shall not exceed an annual capacity factor of 10 percent of total heat input. [Rule 62-210.200(223), F.A.C.]

4. No municipal type solid waste, as defined in 40CFR60, Subpart Ea (except tires, yard waste and waste wood) or hazardous waste, as defined in 40CFR261 and Rule 62-730.020, F.A.C., or medical waste as defined in 40 CFR 60.51a, or biomedical waste as defined in Rule 62-712.200, F.A.C., shall be burned at any time at the RGS facility. Yard waste shall be limited to 30 percent by weight of the total fuel fired. [Rule 62-210.200(223), F.A.C.]

5. The RGS boiler exhaust gases shall not exceed the following limits [Rule 62-212.400, F.A.C.]:

Pollutant	Lbs/hr	Tons/yr	Basis for Compliance
SO2	65.0	284.7	30-Day Rolling Average CEMS
NOx	90.0	394.2	30-day Rolling Average CEMS
CO	200.0	876.0	30-day Rolling Average CEMS
PM/PM10	4.0	17.5	EPA Method 5 if VE>10% Opac.
VOC	22.1	96.8	EPA Method 25A (if requested)
HCL	5.0	21.9	EPA Method 26 (if requested)
Hg	0.022	0.096	EPA Method 101A (if requested)
Pb	0.25	1.1	EPA Method 12 (if requested)
Be	0.0063	0.028	EPA Method 104 (if requested)
VE	10% Opacity		EPA Method 9 - annual

6. Visible emissions from the ash handling area vent filter, the the lime silo vent filter, and the fuel transfer building vent filter shall not exceed 10 percent opacity. [Rule 62-212.400, F.A.C.]

SPECIFIC CONDITIONS:

7. Since the performance test requirements for the RGS facility have been satisfied through completion of the emissions testing program required by the interim construction permit, no further testing shall be required other than annual compliance tests. The compliance tests shall be conducted at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then the emission unit may be tested at less than capacity (i.e., less than 90 percent of maximum operating rate allowed by the permit); in this case, subsequent emission unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emission unit is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit. [Rule 62-297.340(1)(a)]

8. The Department's Southwest District Office shall be notified at least 15 days prior to the compliance tests. Compliance test results shall be submitted to the Department's Southwest District Office within 45 days after completion of the tests. Sampling facilities, methods, and reporting shall be in accordance with Rule 62-297.310, F.A.C. and 40 CFR 60, Appendix A.

9. Continuous monitoring equipment shall be installed and operated to measure and record generator output, furnace temperature, stack opacity, and SO2, NOx and CO emissions. The tire feed rate in pounds per hour shall be monitored continuously by a commercially available weight detecting system with recording capability. The tire feed rate data shall be maintained and provided to the Department upon request. [Rule 62-297.310, F.A.C.]

10. All reasonable precautions set forth in Rule 62-296.320(4)(c), F.A.C., as well as all measures proposed by the permittee in the application (except that a water truck is no longer required since roads have been paved) shall be taken by the permittee to prevent fugitive emissions. [Rule 62-296.320, F.A.C.]

11. In the event of any malfunction resulting in failure of emission control equipment or emission-related process equipment to perform as required by this permit, the operator shall immediately stop the feeding of tires into the boiler and shall use propane firing to maintain a minimum of 1800 degrees F in the combustion zone until all tires in the system have been combusted. No tires may be refed into the boiler following the malfunction until the emission control equipment has been put into proper working order. [Rule 62-210.700, F.A.C.]

12. Whenever the baghouse bypass is activated during an on-line operating situation for any reason, the permittee shall within 24

SPECIFIC CONDITIONS:

hours provide the Department's Southwest District Office with a complete report of the circumstances and reasons for the occurrence and indicating the amounts of pollutants estimated to have been discharged during the bypass period. [Rule 62-4.130, F.A.C.]

13. No pollutants shall be discharged from the RGS facility which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]

14. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation in Tallahassee prior to 60 days before the expiration of the permit. [Rule 62-4.090, F.A.C.]

15. An application for a Title V operation permit required under Chapter 62-213, F.A.C., must be submitted to the Department's Southwest District office at least 90 days prior to the expiration date of this construction permit. To properly apply for a Title V operation permit, the applicant shall submit the appropriate application form with certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit. [Rule 62-4.220, F.A.C.]

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

_____
Howard L. Rhodes, Director
Division of Air Resources
Management

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Best Available Control Technology (BACT) Determination
Ridge Generating Station
Polk County
(REVISED FOR FINAL PERMIT LIMITS)

In 1992 the Department issued a permit to construct a 50 MW power generation facility named the Ridge Generating Station (RGS) and located near Auburndale in Polk County, Florida. The facility consists of a solid fuel boiler, steam turbine, generator and associated equipment. Fuel for the facility consists of a mixture of waste wood and scrap tires.

A BACT determination was required for all regulated air pollutants emitted in amounts equal to or greater than the significant emission rates listed in Table 212.400-2 of Florida Administrative Code (F.A.C.) Rule 62-212.400. The Department issued the construction permit with preliminary emission limits under the condition that final emission limits would be established following completion of a comprehensive emissions testing program conducted by the permittee. This revised BACT determination is pursuant to that permit condition.

The permittee proposed final emission limits based on a statistical analysis of the comprehensive test program results covering the period from September 1, 1994, through April 30, 1995. During this period, the full range of permitted fuels were fired ranging from 100% wood-0% tires to 60% wood-40% tires. Compared to those proposed limits below are the current "interim" permitted limits based on maximum emissions for the worst case fuel mix of 60% wood-40% tires. Also shown are the average actual and maximum emissions determined by the Department from the RGS data for operation under the worst-case condition of firing 60% wood-40% tires at 90-100% of permitted capacity (45-50 MW) during the period from March 1, 1995 through April 30, 1995.

	Maximum Allowable Emissions (All Fuels)				60% Wood-40% Tires Test Program Actuals		
	RGS Proposed Final*		Interim Permitted				
Pollutant	lb/hr	tons/yr	lb/hr	tons/yr	lb/hr Avg.	lb/hr Max.1-hr	tons/yr Avg.
PM/PM10	12.6	55.2	12.6	55.2	1.2~	2.1~	5.3~
SO2	96.0	420.5	72.0**	315.4	75.0^	213.5^	328.5^
NOx	94.5	413.9	94.5	413.9	83.2^	153.1^	364.4^
CO	230.0	1,007.4	315.0	1,379.7	76.4^	447.2^	334.6^
VOC	22.1	96.8	22.1	96.8	1.4~	1.7~	6.1~
HCL	5.0	22.1	5.0	22.1	0.4~	0.7~	1.8~
Hg	0.022	0.097	0.022	0.097	8.6~"	9.1~"	37.7~"
Pb	0.25	1.1	0.25	1.1	9.3~"	40.0~"	40.7~"
Be	0.0063	0.03	0.0063	0.03	1.8~'	1.8~'	7.9~'

* Based on 24 hr. block averages of CEMS data over 8 month period.
** 30-day rolling average (amended for firing of 60% wood-40% tires).
~ Based on averages of two quarterly manual stack tests.
^ Based on total CEMS average for worst-case operation over 2 month period.
" Multiply by 0.0001.
' Multiply by 0.00001.

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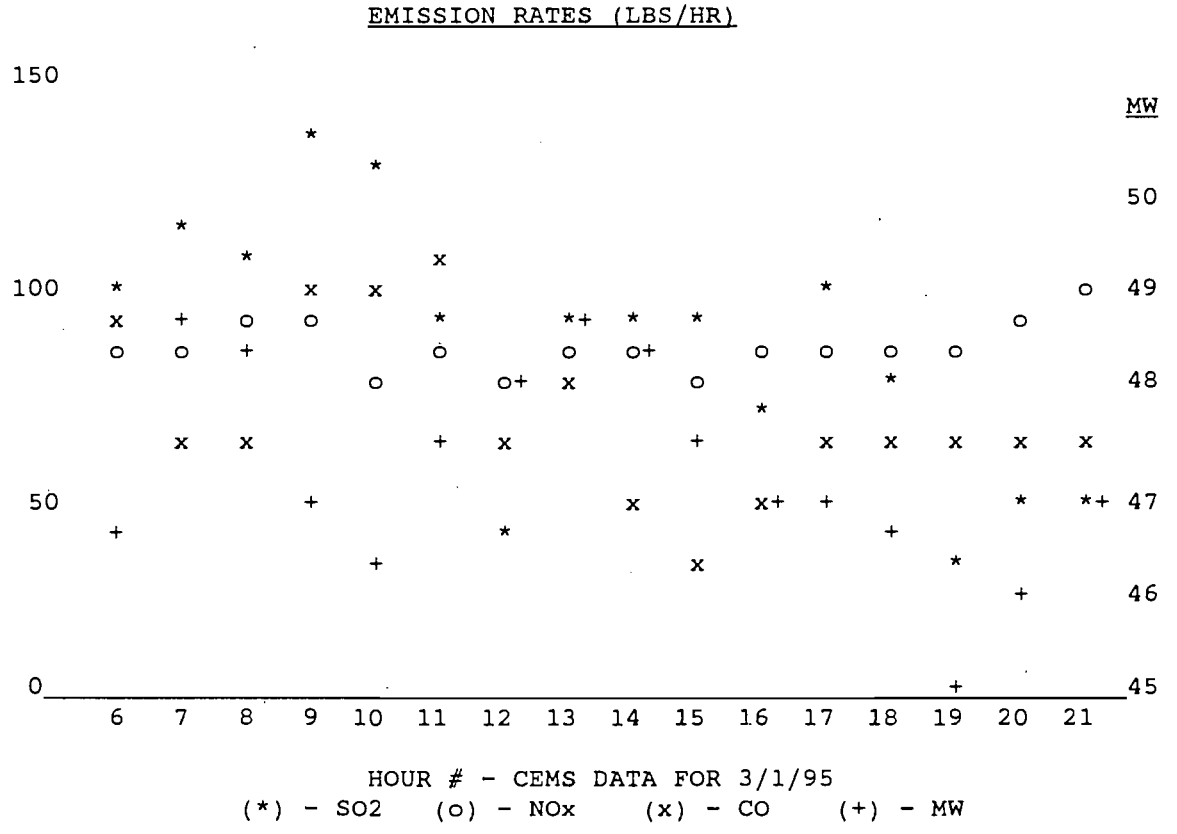
The SO2 emissions varied greatly compared to the fluctuations in NOx emissions, indicating far better response and control for the SNCR system relative to the Spray Dryer-Absorber/Fabric Filter system. Wide variation in CO emissions occurred but this was expected due to the nature of the feed. The response of the SO2 control system appears to lag considerably behind changes in megawatts produced. This can be seen below from the operating data for the longest sustained operating period at 90-100% of capacity while firing 60% wood-40% tires (about 16 hours). Other operating cycles of less duration showed similar variations:



In establishing initial limits based on 24-hour averages, the Department did not know that the fluctuation in emissions would be great enough to justify longer-term averages in setting final limits. Also, it was not known initially that periods of continuous operation of the RGS boiler at full capacity would be so short relative to boilers firing more conventional fuels. For these reasons, the Department has proposed final emission limits based on 30-day rolling averages. Listed below are the 30-day rolling averages calculated by the Department for the worst case condition (60% wood-40% tires), assuming that no interruptions had occurred in normal operation during the 30 days following initial firing with 40% tires through the final day of the test program on April 30.

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30-DAY ROLLING AVERAGE EMISSION RATE (LBS/HR)
FOR 3/30/95 - 4/30/95 (60% WOOD-40% TIRES)

DATE	SO2	NOx	CO
3/30	57.9	80.1	98.4
3/31	57.1	80.3	99.0
4/1	57.9	80.8	101.6
4/2		BOILER DOWN	
4/3		" "	
4/4		" "	
4/5		" "	
4/6		" "	
4/7		" "	
4/8		" "	
4/9		" "	
4/10	57.3*	79.1*	101.3*
4/11	56.3	78.1	99.1
4/12	56.9	76.3	98.6
4/13	56.4	74.5	95.3
4/14	54.8	73.5	94.3
4/15	54.3	72.8	95.7
4/16	53.1	71.7	95.5
4/17	52.6	70.7	93.8
4/18	52.7	69.9	91.1
4/19	53.9	69.6	89.6
4/20	53.6	68.7	88.6
4/21	52.6	68.2	89.4
4/22	52.4	67.7	89.7
4/23	52.7	67.6	89.9
4/24	52.3	67.0	92.1
4/25	51.7	67.1	95.3
4/26	52.1	67.8	95.7
4/27	51.3	67.1	94.7
4/28		BOILER DOWN	
4/29		" "	
4/30	51.6*	66.5*	93.9*

* Assumes that operation was essentially continuous over the previous 30 days.

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The Department believes that final BACT emission limits should be based on the highest of the above CEMS data plus a margin for compliance. The following shows how these final limits for SO2 and NOx compare on the basis of heat input with the 40 CFR 60 Subpart Db limits for boilers:

Pollutant	Highest 30-DRA	Final Limit 30-DRA		Subpart Db
	lb/hr	lb/hr	lb/MMBTU*	lb/MMBTU
SO2	57.9	65.0	0.10	0.5 (oil>0.5%S)
NOx	80.8	90.0	0.14	0.3 (gas-wood-MSW)
PM	2.1^	4.0^	0.006^	0.1 (>30% wood)
VE	-	10% opacity		20% opacity

* Based on an average factor for MMBTU/MW of 12.8. This is presented for comparison only and is not a limit to be enforced.
^ Not a 30-DRA. EPA Method 5 test to be required if VE exceeded.

On the basis of data recorded through December 31, 1995, the permittee requested and was granted a greater margin for compliance in the case of CO emissions, since higher CO is tied to the uncontrollable moisture content of the wood fired.

All of the final BACT emission limits are presented in the following table. In view of the extremely low emissions of VOCs, HCl, Hg, Pb, and Be relative to the interim limits, and the fact no control measures appear to be warranted for them at this time, the Department accepts the permittee's proposal to maintain the interim limits as the final limits for these pollutants. The Department found insufficient justification for including final limits for other pollutants such as ammonia, arsenic, benzene, cadmium, chromium, PCBs, dioxins/furans, zinc oxide, and sulfuric acid.

Pollutant	Final BACT Limit	Basis for Compliance
SO2	65.0 lb/hr	30-Day Rolling Average CEMS*
NOx	90.0 lb/hr	30-Day Rolling Average CEMS*
CO	200.0 lb/hr	30-Day Rolling Average CEMS*
PM/PM10	4.0 lb/hr	EPA Method 5 if VE>10%
VOC	22.1 lb/hr	EPA Method 25A^-only if requested
HCl	5.0 lb/hr	EPA Method 26^-only if requested
Hg	0.022 lb/hr	EPA Method 101A^-only if requested
Pb	0.25 lb/hr	EPA Method 12^-only if requested
Be	0.0063 lb/hr	EPA Method 104^-only if requested
VE	10% Opacity	EPA Method 9-annual basis

* A new 30-day rolling average emission rate is calculated each steam generating unit operating day as the average of all of the hourly emission data for the preceding 30 steam generating unit operating days.
^ As performed during test program.

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Contacts For Further Information:

John Reynolds, Permit Engineer
Al Linero, P.E. Administrator
New Source Review Section
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400
Telephone 904-488-1344

Recommended By:

_____ _____

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

Date

Approved By:

_____ _____

Howard L. Rhodes, Director
Division of Air Resources Management

Date

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items [illegible] for 2 for additional service.
- Complete items 3, [illegible] 4b.
- Print your name and [illegible] on the reverse of this form so that we can return this card to you.
- Attach this form to the front of [illegible] space, 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.

also [illegible] following service [illegible] extra fee):

1. ☐ Addressee's Address
2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:
Mr. George Woodward, PM
Wheelabrator Ridge Energy
3131 - K-Ville Ave
Auburndale, Fl
33823

4a. Article Number
P 265 659 170

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

BURNO

7. Date of Delivery

5. Received By: *(Print Name)*

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

6. Signature: *(Addressee or Agent)*
X Leolon

PS Form **3811**, [illegible]

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Receipt for Certified Mail
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Sent to George Woodward
Street & Number Wheelabrator
Post Office, State, & ZIP Code Auburndale, Fl

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date PSD-Fl-183 2-14-97	

PS Form **3800**, April 1995

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- 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.
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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 to:
Mr. John Neil, Director of Health & Safety & Env. Comp.
Wheelabrator Ridge Energy
3131 K-Ville Ave
Auburndale, Al
33823

4a. Article Number
P 265 659 312

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

7. Date of Delivery
03-18-98

5. Received By: *(Print Name)*

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

6. Signature: *(Addressee or Agent)*
X L. Colon

PS Form **3811**, December 1994 Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 312

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to John Neil	
Street & Number Wheelabrator	
Post Office, State, & ZIP Code Ridge Energy	
Postage Auburndale, AL	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date PSD-FI-1E3 3-12-98	

PS Form **3800**, April 1995

Memorandum

Florida Department of
Environmental Protection

TO: Clair Fancy

FROM: Al Linero

DATE: October 4, 1996

SUBJECT: Revised BACT Determination - Wheelabrator Ridge at Auburndale

Attached for your review and approval is the public notice package for the revised BACT Determination and Draft Amended Permit for Wheelabrator Ridge's wood waste and tire burning plant. The construction permit required a test program to determine limits achievable with the technologies of spray dryer/fabric filter, SNCR, and efficient combustion.

The revised values are based on those tests and are basically between those originally requested by Wheelabrator and those proposed by the Department. We found that the PM emissions are much lower than originally predicted.

We prepared the public notice in the new format and made it very clear that we are only setting the final BACT numbers and not reopening the construction permit for a challenge to their authority to build and run the plant.

AAL/aal/l

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

August 14, 1996

Ms. Susan Pelz
Florida Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619

SUBJECT: Renewal of Solid Waste Management Facility Insurance Certificate to demonstrate closure and/or long term care financial assurance.

Dear Susan:

In accordance with Rule 62-711.510(2) F.A.C., Ridge Generating Station has performed the annual re-estimate of the cost estimate and hereby submits it at least 60 days prior to the 10/15/96 anniversary date of the insurance policy used as the instrument to demonstrate financial assurance. The quantity estimates are unchanged from the Department approved closure cost estimate dated 2/9/95 by H. Wayne Jones P.E. (Copy attached). The closure cost re-estimate dated 8/13/96 by Geotech Industries (copy attached) for Ridge Generating Station is $166,640.00. This amount again provides financial assurance which is 11% higher than required. Ridge will renew National Guaranty Insurance Company, Policy number CPCS93-0014 for another year and forward the revised SWM Fac. Insurance Certificate to Frances Keith.

Sincerely,

Ty Quinn
Controller

cc: J. Reynolds

cc: Bob Butera, FDEP SW Dist.
Frances Keith, FDEP, Tallahassee

ATTACHMENT 1

STOCKPILE CAPACITY

Ridge Generating Station's tire storage area includes four storage piles with maximum dimensions of 135 feet (length) x 50 feet (width), and an assumed maximum endloader stacking height of 15 feet (height). The capacity of the Facility's tire storage area was derived from the following volume calculation:

135	
x 50	
6,750	square feet
x 15	
101,250	cubic feet
÷27	
3,750	cubic yards per pile
x 4	
15,000	cubic yards/total storage capacity

The Facility plans to store any combination of chipped tires or whole tires as market conditions would dictate. Scale data reflects an average density for two inch tire chips of approximately 1,000 lbs. per cubic yard and a volume reduction achieved by shredding of five to one.

Therefore, maximum capacity of each stockpile for 100% tire chip storage is 1,875 tons per pile or a total capacity of 7,500 tons. Conversely, the capacity of each tire pile assuming 100% whole tire storage is 375 tons per pile, resulting in a total capacity of 1,500 tons.

Dimension and calculations checked on this page only:

2-9-95
Date

H. Wayne Jones, P.E.
Reg. No: 46244

GEOTECH INDUSTRIES

Tomorrow's Technology Today

August 13, 1996

Mr. Phil Tuohy
Director of Business Development
Wheelabrator Ridge Energy
3131 K-Ville Avenue
Auburndale, FL 33823

Sent Via Facsimile 941-665-0400

Dear Mr. Tuohy:

At your request, I have prepared the following estimate of Ridge Generating Station's capacity for tire storage.

Based on our conversation, the facility's tire storage area was designed to accommodate four storage piles with maximum dimensions of 150 feet (length) x 50 feet (width) x 15 feet (height). Therefore, in an effort to be conservative, I have based my capacity calculations on 4,166 cubic yards per pile. You indicated a desire to store any combination of chipped tires or whole tires as market conditions would dictate. GeoTech's experience indicates an average density for two-inch tire chips of 1,000 lbs. per yard (approximately 1 ton per 2 cubic yards). Maximum capacity of each tire pile, assuming 100% tire chip storage is 2,083 tons, resulting in a total capacity of 8,332 tons. The volume reduction achieved by shredding whole tires is five to one. Accordingly, the capacity of each tire pile, assuming 100% whole tire storage is 416 tons, resulting in a total capacity of 1,666 tons.

You asked that I estimate the cost of removing and disposing of the facility's maximum inventory if your facility was unable to process and dispose of the tires. Investigation revealed several Class III landfills within sixty (60) miles that accept chipped tires. Using any of these facilities, GeoTech would be able to load, transport, and dispose of Ridge's chipped tires for $20.00 per ton. If the tire storage area were filled to capacity with chipped tires, the total cost of disposal would be $166,640.00. GeoTech would charge $75.00 per ton to load, transport, and dispose of Ridge Generating Station's whole tires. If the tire storage area were filled to capacity with whole tires, the total cost of disposal would be $124,950.00.

Under the most likely circumstance that Ridge had a combination of whole tires and chipped tires on site, the total cost of disposal would fall between $124,450.00 and $166,640.00.

If I can be of any further assistance, please feel free to call.

Sincerely,

GEOTECH INDUSTRIES

Randall K. Thompson
Executive Director

Please Note: Our area code for all calls has been changed from 904 to 352.

1616 S. 14th Street • Post Office Box 490300 • Leesburg, Florida 34749-0300 • Phone (904) 787-0608 • FAX (904) 787-5100

A Division of Consolidated Minerals, Inc.

Department of Environmental Protection

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

Lawton Chiles
Governor

Virginia B. Wetherell
Secretary

August 8, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Matthew P. Killeen
Manager, Environmental Permitting
Wheelabrator Environmental Systems, Inc.
Liberty Lane
Hampton, New Hampshire 03842

RE: Final BACT Limits for Ridge Generating Station (PSD-FL-183/AC53-206244)

Dear Mr. Killeen:

This will confirm your conversation last week with John Reynolds concerning the appropriate strategy for setting final BACT emission limits for the Ridge Generating Station. You discussed whether or not an annual stack test in the worst case mode (60% wood/40% tires) might be preferable to 30-day rolling averages in view of the variability in emissions and fuel ratios. Though this would represent a departure from the Subpart Db compliance approach for SO2, NOx and CO, it might be justifiable on the basis of the emission swings not normally seen for Subpart Db units.

Another possibility is that of basing the limits on the CEMS data recorded only during operation at 90-100% of capacity while in the worst case mode (60/40). The data submitted on July 31 show that the currently proposed limit for CO of 114 lb/hr (30 DRA) can be met using that approach. Please indicate which approach is preferred by Wheelabrator.

If there are any questions, please call me or John Reynolds at 904-488-1344.

Sincerely,

8/8

A. A. Linero, P.E.
Administrator
New Source Review Section

AAL/JR

c: B. Thomas, SWD
R. Harwood, Polk County
J. Harper, EPA
J. Bunyak, NPS

Fold at line over top of envelope to

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 to:
Matthew P. Killeen
Wheelabrator Env. Systems
Liberty Lane
Hampton, New Hampshire
03842

4a. Article Number
P 339 251 137

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

7. Date of Delivery
AUG 13 1996

5. Signature (Addressee)

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

6. Signature (Agent)
[signature]

PS Form 3811, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 339 251 137

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Matt Killeen	
Street & Number: Wheelabrator	
Post Office, State, & ZIP Code: Hampton, NH	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 8-9-96 PSO-FI-231	

PS Form **3800**, April 1995

Wheelabrator Environmental Systems Inc.

A Wheelabrator Technologies Company
Liberty Lane
Hampton, NH 03842

Phone 603.929.3000

July 31, 1996

Mr. John Reynolds
Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Ridge Generating Station
Permit Number AC53-206244 PSD-FL-183

Dear Mr. Reynolds:

Pursuant to our telephone conversations I am forwarding the following additional analyses of carbon monoxide (CO) data from the Ridge Facility:

1. Attachment 1 - Includes 30 day rolling averages (calculated as you described) for the time period between March 1, 1995 and April 20, 1995 including only those hours when the facility was operating at 44.5 MW or greater. You will note that the values do not agree with those that were included in the December 12, 1995 letter from C. Fancy to R. Williams. The values in the December 12, 1995 letter appear to correspond much more closely to the 720 hour rolling averages for all operating hours, which were submitted as Attachment A in our letter dated May 14, 1996.

2. Attachment 2 - Includes all of the hourly data that were used to calculate the 30-day rolling averages summarized in Attachment A. The 720 hour rolling averages at the top of the first page of Attachment 2 differ from the 30 day rolling average in Attachment 1 because they were calculated differently.

   The 30 day rolling averages summarized in Attachment 1 can be found in the 720 hour column as the last value in that column for each day. These values represent an average of all operating hours at 44.5 MW, or above, during the last 30 operating days.

3. Attachment 3 - Includes 30 day rolling averages for the time period from May 1, 1995 through December 31, 1995, for all operating hours. New 30 day rolling average emission rates were calculated for each operating day as the average of all of the hourly emission data for the preceding 30 operating days. This replaces the analysis that was

presented as Attachment B in our letter of May 14, 1996 because those values were calculated using an average of daily averages.

Attachment 4 - Includes 30 day rolling averages for the time period from August 10, 1995 through December 31, 1995 that were calculated in the same manner as the enclosed Attachment 3 but including only hours during which 44.5 MW or greater were generated (irrespective of tire consumption). This time period was chosen because the facility began combusting greater that 20 percent tires on August 10, 1995, following authorization to combust up to 40 percent tires on a heat input basis received on August 8, 1995.

Attachment 5 - Includes 30 day rolling averages for the time period from August 10, 1995 through December 31, 1995 using all operating hours when the facility was generating at least 44.5 MW for all operating days and where at least 20 percent tires (by heat input) were combusted.

Please call me at 603-929-3420 after you have had a chance to review the data, so that we can discuss appropriate permit limits for CO.

Very truly yours,

Matthew Killeen/CAE for

Matthew P. Killeen
Manager, Environmental Permitting

MPK352/ga

cc: C. Davis
A. Linero w/o attachments.
T. Porter

Fold at line over top of c

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 to:
Rodney Williams, Plant Mgr
Wheelabrator Ridge Energy
3131 K-Ville Avenue
Auburndale, Fl 33823

4a. Article Number
P 339 251 055

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

7. Date of Delivery
06/11/96

5. Signature (Addressee)
X

6. Signature (Agent)
X. Colon

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

PS Form **3811**, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 339 251 055

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Rodney Williams	
Street & Number Wheelabrator Ridge	
Post Office, State, & ZIP Code Auburndale, Fl	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 6-5-96	
PSD-Fl-183	

PS Form **3800**, April 1995

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

July 24, 1996

Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Attn: Mr. Bill Proses

Subject: Ridge Generating Station
Air Permit #AC53-206244
AIRS #1050216
Emissions Unit ID 001
Excess Emissions and Monitoring Systems Performance Report

Dear Sir:

Pursuant to 40CFR60, Subpart Db, and 40CFR60.7, please find enclosed Ridge Generating Station's Second Quarter 1996 Excess Emissions and Monitoring Systems Performance Report for Opacity. This covers the period from April 1, 1996 through June 30, 1996.

Also enclosed is a Cylinder Gas Audit (CGA) report for the CGA conducted during the second quarter of 1996. The report indicates that all of the accuracy results were within the 15 percent specifications.

Please feel free to contact Chuck Davis at (941) 665-2255 (Ext. 250) should you have any questions or concerns regarding this submittal.

Sincerely,

George D Woodward

George Woodward
Plant Manager

cc: Chief Bureau of Air Regulation (w/o attachment)
EPA Region IV (w/o attachment)
T. Porter
F. Ferraro (w/o attachment)
Ridge File 6.2.1.4

Certification #P 597 437 527

SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One -- SO_2 / NO_x / TRS / H_2S / CO (Opacity))

Reporting Period Dates: From 04/01/96 to 06/30/96

Company: Ridge Generating Station

Address: 3131 K-Ville Ave.
Auburndale, FL 33823

Emission Limitation: 10%

Monitor Manufacturer and Model Number: Thermal Environmental Instruments, Inc. - Model 400B

Date of Latest CMS Certification or Audit: 06/26/96

Process Unit(s) Description:
Wood and Tire Fired Boiler - Unit 1

Total Source Operating Time in Reporting Period: 106,607 [1]

Emission Data Summary		CMS Performance Summary	
1. Duration of excess emissions in reporting period due to:		1. CMS downtime in reporting period due to:	
a. Startup/shutdown	0	a. Monitor equipment malfunctions	618
b. Control equipment problems	118	b. Non-Monitor equipment malfunctions	1224
c. Process problems	0	c. Quality assurance calibration	1116
d. Other known causes	0	d. Other known causes	66
e. Unknown causes	0	e. Unknown causes	30
2. Total duration of excess emission	118	2. Total CMS Downtime	3054
3. Total duration of excess emissions x (100) / (Total source operating time)	0.1% [2]	3. **[Total CMS Downtime] x (100)** / (Total source operating time)	2.86% [2]

On a separate page, describe any changes since last quarter in CMS, process, or controls.
I certify that the information contained in this report is true, accurate, and complete.

George D. Woodward (Name) | George D. Woodward (Signature) | Plant Manager (Title) | 07/24/96 (Date)

[1] For opacity, record all times in minutes. For gases, record all times in hours.

[2] For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 560.7(c) shall be submitted.

\EMIS_REP.2nd

RIDGE GENERATING STATION

SECOND QUARTER 1996

OPACITY

START-UP EXCESS EMISSIONS				
Date	**Parameter**	**Duration**	**Magnitude***	**Corrective Action**
NONE				

SHUT-DOWN EXCESS EMISSIONS				
Date	**Parameter**	**Duration**	**Magnitude***	**Corrective Action**
NONE				

MALFUNCTION EXCESS EMISSIONS				
Date	**Parameter**	**Duration**	**Magnitude***	**Corrective Action**
06/06/96	Opacity	118	61.1%	Isolated and repaired faulty fabric filter compartment.

OTHER EXCESS EMISSIONS				
Date	**Parameter**	**Duration**	**Magnitude***	**Corrective Action**
NONE				

*Magnitude in %

RIDGE GENERATING STATION

CEM DOWNTIME REPORT

SECOND QUARTER 1996

Analyzer	Date	Duration*	Nature of Repairs/Adjustments
Opacity	04/08/96	66	Changed clock from EST to EDT. Lost data.
Opaicty	05/03/96	6	Unknown
Opacity	05/13/96	24	Unknown
Opacity	06/19/96	756	Data logging unit lost programming. Required manual re-program.
Opacity	06/20/96	468	Data logging unit lost programming. Required manual re-program.
Opacity	06/27/96	438	Erratic readings. Broken wire in data cable. Replaced cable.
Opacity	06/28/96	180	Erratic readings. Broken wire in data cable. Replaced cable.

*Duration in Minutes

Department of Environmental Protection

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

Lawton Chiles
Governor

Virginia B. Wetherell
Secretary

June 5, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Dear Mr. Williams:

RE: Revised BACT Limits - Ridge Generating Station (PSD-FL-183)

On May 20 the Bureau of Air Regulation received your comments dated May 14 regarding the proposed final BACT limits. Apparently your submittal was mailed to the Southwest District and then forwarded here.

There are several statements in your submittal that we differ on. Page two contains the statement that the Department focused on the period March 1 through April 30, 1995 (the only period for 60% wood/40% tires) because we assumed it would represent the worst case for all of the pollutants. To the contrary, that period was selected because it represented the worst case for the pollutants in total. As indicated below, test program results showed average total emissions for the three major air pollutants (SO_2, NO_x and CO) at 45-50 MW to be 1,028 tons/yr for the 40% tire mix compared to 905 tons/yr for 0% tires. These two sets of conditions represent both ends of the emissions spectrum:

	100% Wood (2/27/95-2/28/95)		60% Wood - 40% Tires	
	Avg. lb/hr	Avg. tons/yr	Avg. lb/hr	Avg. tons/yr
SO_2	48.2	211.1	75.0	328.5
NO_x	88.0	385.4	83.2	364.4
CO	70.4	308.5	76.4	334.6
	Total	905.0	Total	1,027.5

We recognize that the 100% wood averages are based on a smaller number of hourly averages available while operating at 45-50 MW. However, the data sufficiently show that the 60% wood/40% tire case generates the highest total emissions (about 14% more for the three major pollutants). The CEMS results indicate that CO emissions while burning 40% tires at 45-50 MW may actually be as high or possibly higher than those for 100% wood, which runs counter to the conclusion reached in your submittal. The manual testing results suggest to us that the higher CO emissions experienced there for 100% wood may have to do with excess air as well as moisture in the

wood since the stack $\%O_2$ was lower during the 100% wood tests.

The Department's standard practice in setting emission limits is to base them on operation at 90-100% of capacity using the most common feed or the feed generating the highest emissions. This means that emissions from the RGS facility while operating at 45-50 MW using 60% Wood/40% tires are of primary concern and must be the basis for final limits as well as compliance/enforcement. This means that your argument for retaining the initial PM/PM10 limit of 12.6 lb/hr on the ground that there were a few higher runs while burning 80% wood/20% tires is moot because you would only have to do a VE or Method 5 test in the 60%/40% mode. The same reasoning applies to your CO argument and makes it moot as well, since the Department will revise its proposal by clarifying that the 30 DRA's will be calculated using readouts from >20% tire firing only. (As you pointed out in the May 14 submittal, the "40%" mode actually turned out to be a range from about 20% to 30+%).

The Department believes that the proposed 65 lb SO_2/hr limit can be achieved by improving the response time of the SO_2 control system. This problem was discussed in the Draft Revised BACT and was depicted by plotting the values of SO_2 and MW for the longest sustained operating period at 45-50 MW in the 60%/40% mode. Had the SO_2 not moved in the opposite direction and tracked the MW more closely, about 200-250 lb. of SO_2 would not have been emitted over that 16-hour period, resulting in an average reduction of 225/16 = 14 lb SO_2/hr. Such a reduction more than compensates for the difference between the 72 lb/hr RGS has requested and the proposed 65 lb/hr.

The RGS facility has changed its targeted fuel mix on several occasions, seeking at one point to burn recycled plastic material from automobile salvaging operations, then switching to increased tire firing when wood supplies appeared to be diminishing. The Department acknowledges the need for flexibility in fuels due to the nature of this facility. Yet the emission limits must be based on the "worst case" fuel mix, that is, the one expected to generate the highest emissions in total. It would not be practicable to have separate limits for each mode of operation. Consequently, the Department plans to issue the Final Revised BACT as proposed except with the following revision:

> "A new 30-day rolling average emission rate is calculated each steam generating unit operating day as the average of all of the hourly emission data for the preceding 30 steam generating unit operating days during which greater than twenty percent of the fuel mix, on a heat input basis, is composed of tires."

If you have questions or want to request a meeting regarding this, please contact me or John Reynolds at 904-488-1344 before the end of this month.

Sincerely,

A. A. Linero, P.E.
Administrator
New Source Review Section

AAL/JR

c: B. Thomas, SWD
R. Harwood, Polk County
J. Harper, EPA
J. Bunyak, NPS

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

May 14, 1996

Mr. Clair Fancy, P.E.
Chief, Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Re: Ridge Generating Station
Permit Number AC 53-206244 PSD-FL-183
Comment on Proposed BACT Limits

Dear Mr. Fancy:

This letter provides our comments on the draft revised BACT limits for Ridge Generating Station (RGS) that were sent to us in your letter dated December 12, 1995. We agree with the proposed final BACT limits, test methods and averaging periods for Nitrogen Oxides (Nox), Volatile Organic Compounds (VOC), Hydrogen Chloride (HCL), Mercury (Hg), Lead (Pb), Beryllium (Be) and visual emissions. As discussed below however, we have comments on the proposed limits for Particulate Matter (PM), Carbon Monoxide (CO) and Sulfur Dioxide (SO_2) and we are requesting that these proposed limits be revised.

DISCUSSION

On September 29, 1992, the Florida Department of Environmental Protection (Department) issued a permit to construct RGS. Fuel for the facility consists of wood, tires and landfill gas. Various fuel mixes can be accommodated including wood alone, a mixture of wood and tires, and a mixture of wood, tires and landfill gas. To date, no landfill gas has been combusted, however, it is anticipated that the landfill gas supply will be available in approximately five months.

Specific Condition 5 of the permit specified initial emission limits for PM/PM10, SO_2, Nox, CO, VOC, Hcl, Hg, Pb and Be. Specific Condition 5 also included provisions for revising the initial emission limits or modifying the averaging periods based on the results of the Comprehensive Emissions Test Program.

Specific Condition 8 included the requirements for the Comprehensive Emissions Testing Program. Pursuant to the permit condition, a protocol for the Comprehensive Emissions Testing Program was submitted to the Department on October 29, 1993 and it was approved by the Department on November 23, 1993. The test protocol discussed the specific stack testing procedures and schedule of

boiler operating conditions and fuel mixtures. It also specified the statistical analyses that would be used to develop the revised BACT limits. The Comprehensive Emissions Testing Program included an initial stack test and three additional quarterly stack tests, as well as long term CEM data collection.

The initial permit limited the combustion of tires to 20% of the heat input to the boiler. On February 28, 1995, the Department authorized a test burn to evaluate the potential impacts associated with increasing the tire firing rate. The testing was conducted between March 1 and April 30, 1995. On August 8, 1995, the Department authorized an increase in the tire firing rate to 40% on a heat input basis. The Comprehensive Emission Testing Program addressed the full range of permitted fuel usage, from 100% wood/0% tires to 60% wood/40% tires.

Pursuant to specific Condition 16, the Comprehensive Emissions Testing Program Report was submitted to the Department on June 29, 1995. The report included data from the initial and three quarterly stack tests, which represented a variety of operating conditions. It also included a statistical analysis of the CEM data covering the time period from September 1, 1994 through April 30, 1995. In accordance with the approved protocol, revised permit limits were proposed based on the results of the testing program.

Instead of considering all of the results included in the Comprehensive Testing Program Report, the Department focused on the time period from March 1, 1995 through April 30, 1995 when establishing the proposed final BACT limits because it was assumed that the 60% wood/40% tires would represent worst case emissions for all pollutants. The Department established the proposed revised BACT limits by identifying the highest value (e.g. 30 day rolling average using CEM data or individual stack test result) measured during that time period and adding a margin for compliance. While we generally agree with that approach, we do not believe that 60% wood/40% tires represents the worst case condition for all pollutants. The 60% wood/40% tires will represent the worst case emissions for SO_2, however, as discussed below, it does not represent the worst case operating condition for other pollutants such as PM/PM10 or CO. RGS needs to maintain the operational flexibility to combust the full range of permitted fuels (i.e., 100% wood/0% tires to 60% wood/40% tires). Therefore, the final BACT limits should be based on the worst case conditions for the full range of fuels.

Specific comments related to PM/PM10, CO and SO_2 are provided below.

PM/PM10

The proposed revised BACT limit for PM/PM10 is 4.0 lb/hr (based on EPA Method 5). The Department established this proposed limit based on a measured emission rate of 2.1 lb/hr, which was associated with the highest of 6 individual runs that were

conducted while the facility was combusting 60% wood/40% tires at 100% load. The 2.1 lb/hr measured value was adjusted to provide a margin for compliance. While 2.1 lb/hr was the highest individual run for the 60% wood/40% tire condition, it was not the highest measured value for other fuel conditions.

As described in Appendix A of the Comprehensive Testing Program Report (submitted June 29, 1995), PM/PM10 data were collected during eight operating conditions with 3 test runs per condition for a total of 24 individual runs. While the average of the 24 individual runs equals 2.2 lb/hr, there were eight individual runs that were higher than the 2.1 lb/hr value referenced as the basis for the revised BACT limit. All eight of these occurred when the facility was combusting 80% wood/20% tires. One of these eight runs was at the proposed revised limit of 4.0 lb/hr and two of the individual runs exceeded the proposed revised BACT limit. More importantly, the three run average for Condition 1A (80% wood/20% tires) was 6.1 lb/hr, which is greater than the proposed final limit.
If we applied the same margin for compliance as that applied by the Department, the revised BACT Limit would be 11.6 lb/hr (i.e., 6.1 x 1.9 = 11.6). However, since one of the individual runs was measured at the current permit limit of 12.6 lb/hr, we request that the PM/PM10 limit be retained at the current permit limit of 12.6 lb/hr (based on EPA Method 5). This limit reflects an emission factor of 0.011 gr/DSCF corrected to 7% 0_2 (0.02 lb/MM Btu) and it is an appropriate BACT limit for this type of facility. The PM limit was not identified as one of the disputed emission limitations in the initial BACT Determination (approved September 29, 1992). The initial Department's proposed BACT limit was the same as the limit proposed by Ridge Generating Station Limited Partnership (RGSLP), and the data illustrate that it is an appropriate emission limitation for this specific facility. The operating permit will require additional stack testing for PM/PM10 if the measured visual emissions (using EPA Method 9) exceed 10% opacity. Therefore, it is not necessary to reduce the limit, nor is it warranted based on the data.

Carbon Monoxide (CO)

The proposed revised BACT limit for CO was based on the highest 30 day rolling average (DRA) calculated by the Department for the time period from 3/30/95 through 4/30/95. The highest 30 DRA calculated by the Department during that time period was 101.6 lb/hr. This value was adjusted to provide a margin for compliance, which resulted in a proposed final BACT limit of 114.0 lb/hr.

It appears that this time period was selected because it was initially assumed that the 60% wood/40% tires condition would represent the worst case emissions with respect to the CO. A more comprehensive evaluation of the CEM data, however, demonstrates that the time period selected by the Department does not represent the worst case emissions for CO. Operating experience has demonstrated that the moisture content of the fuel is a very important factor with regard to CO

emissions. Since the moisture content of the wood is much higher than the moisture content of the tires, higher CO emissions appear to occur when tires represent less than 40% of the heat input to the boiler. Wood fuel with high moisture content will result in higher CO emissions due to its adverse effect on optimum combustion conditions. Compared to dry fuel, wet fuel does not burn as quickly or as efficiently on the grate or in the furnace since the moisture has to be driven off before complete combustion can occur. Optimum combustion conditions also require consistent fuel feed into the furnace and onto the grate. Wet fuel tends to cause unpredictable fuel system pluggages (chutes and hoppers) which can result in fuel flow interruptions and/or uneven fuel distribution into the furnace. When this occurs, operator adjustments can only have a limited effect on combustion until reliable fuel feed is re-established.

Thirty day rolling averages were calculated for the entire CEM data set that was submitted in Volume IV of the Comprehensive Emissions Testing Program Report. To simulate uninterrupted operations, the averages were calculated as 720 hour rolling averages including all hours of operation except those when the boiler was off-line (i.e., less than 5% load). The results of this analysis (see Attachment A) indicate that the average 30 DRA for the period running from September 1, 1994 through April 30, 1995 was 126.2 lbs/hr while the maximum 30 DRA was 191.6 lb/hr.

The CEM data for the period from May 1, 1995 to December 31, 1995 were also reviewed and 30 DRAs have been calculated (see Attachment B). This time period includes several months when the facility was authorized to combust up to 40% tires and also includes periods that are representative of anticipated worst case fuel conditions with respect to high moisture content in the wood. The average 30 DRA during this time period was 138.6 lb/hr with a maximum 30 DRA of 187.4 lb/hr. For this period, daily averages were calculated based on all of the operating hours in a given operating day and a 30 DRA was calculated each steam generating unit operating day by averaging the previous 30 steam generating operating day averages.

These data clearly demonstrate that the RGS cannot consistently meet the final BACT limit proposed by the Department. Using an approach consistent with that used by the Department, RGSLP proposes a revised CO limit of 215 lb/hr based on a 30 DRA. This represents the highest recorded 30 DRA adjusted to provide a margin for compliance (i.e. 191.6 lb/hr x 1.12). This limit would result in a reduction of 438 TPY of CO when compared to the interim permitted level.

Sulfur Dioxide (SO_2)

The final BACT limit proposed by the Department for SO_2 will unnecessarily restrict the operation of the RGS. The Department used a similar approach to develop the proposed final limit for SO_2. The highest 30 DRA for the time period from March

30, 1995 to April 30, 1995 was selected and a margin was added for compliance. The revised BACT determination acknowledges that the proposed limit is below the limit necessary to allow for the continuous operation of the facility at full capacity. However, it erroneously assumes that the facility has the capability of continuously meeting the proposed limit by increasing the lime injection rates to further control SO_2 emissions. As discussed below, the proposed final limit would actually prevent the facility from operating at its full permitted capacity.

The following factors need to be considered when establishing the final BACT limit for SO_2:

- The Department analysis assumed that the facility was combusting 60% wood/40% tires during the 3/30/95 to 4/30/95 time period. As illustrated in Attachment C, tires consistently represented less than 40% of the heat input during that time period. The daily average heat input associated with tires was 23.1%, while the daily heat inputs ranged from 10.3% to 36.7%.

- As described in the initial BACT analysis (Section 5.1.3 of the Permit Application), the SDA was designed to reliably achieve an 80% SO_2 removal efficiency on a long term basis. The original permit limit was based on the expected fuel sulfur content associated with firing 80% wood/20% tires and an 80% SO_2 removal efficiency (see Appendix B in the initial application). This resulted in an initial SO_2 permit limit of 109.4 lbs/hr based on a 24-hour average. On August 8, 1995 the facility was authorized to combust up to 40% tires on a heat input basis, however, the SO_2 limit was reduced to 72 lb/hour on a 30-day rolling average. As illustrated in Attachment D, a removal efficiency in excess of 90% is required to meet the existing interim SO_2 limit of 72 lb/hr when the facility is firing 40% tires. The calculations in Attachment D are based on measured sulfur content of the tires and wood fuels accepted at RGS.

- The SDA design, including vessel size, residence time, SDA outlet temperature, nozzle atomization, and nozzle configuration and spray patterns (number of nozzles) were based on 80% SO_2 removal at the anticipated fuel mix (i.e. 80% wood/20% tires). The lime slaking (slurry preparation) system was also sized based on the 80% removal requirement. Two 1000 lb/hr lime slakers (one operating/one spare) were installed to meet the SDA design requirements.

  While the conservative SDA design margins can achieve the 72 lb/hr limit at the elevated SO_2 inlet levels, the associated 90% removal rate is the maximum achievable on a continuous basis. Maintenance and operating costs have increased substantially to maintain the operability and

reliability of the system. To continuously operate at an 90% removal level with the higher SO_2 inlet level (i.e. 40% tires) is beyond the capability of a single slaker. The plant is maintaining the required SO_2 removal level at the maximum tire firing rate by operating both slakers simultaneously. The amount of slurry that can physically be fed is limited by the piping, pump capacity and nozzle configuration of the SDA. The solids content in the slurry is occasionally high enough that it creates problems with the atomization. This results in incomplete drying of the flue gas, which causes significant problems in the ash handling system because that system was designed to handle dry ash. Increasing the required SO_2 removal to continuously maintain an even lower emission level will push the SO_2 removal system further beyond its design limit and present operational levels.

- The SDA vendor was contacted to discuss measures that could be implemented to enhance the performance of the existing system. The installed slurry delivery piping has been replaced with different materials to improve SDA performance. This has resulted in less build-up in the piping and improved slurry delivery to the spray nozzles. The manufacturer is also designing new spray lance heads and nozzles with the objective of improving atomization of the slurry and the drying in the SDA. These measures will improve the operability and reliability of the system, but will not provide for a continuous removal efficiency greater than 90%. Therefore, given the current design of the SO_2 control system, it is not technically feasible to reliably and continuously meet a permit limit that is more stringent than 72 lb/hr.

- With the current interim SO_2 limit, RGS has been forced to periodically reduce the tire feed rate to the boiler in order to ensure compliance with the limit. Any further reduction in the emissions limit will increase the frequency of reduced tire firing.

- The proposed revised BACT limit for SO_2 assumes that the plant will continue to operate at a reduced load. While this has been the pattern to date, it is certainly not the desired long term operating objective. The Department's revised BACT analysis assumes that the proposed revised BACT limit will not limit future plant operations because further control can be achieved by simply increasing the lime injection rates. As discussed above, this is not the case. Further reducing the SO_2 limit will significantly restrict the potential operations of the facility. It will preclude the facility from operating at its permitted design capacity.

In summary, the limited two months of data that the Department relied on when preparing the proposed revised BACT limits were not representative of 60%

wood/40% tire operation. RGS has already accepted a 34% reduction in the SO_2 limit for the facility. The proposed revised BACT limit for SO_2 was based on the erroneous assumption that the current SDA can reliably achieve higher removal efficiencies. However, this is not technically feasible because the SDA is already performing significantly beyond its design capacity. The tire feed rates have to be reduced periodically to ensure compliance with the existing limit. Further reducing the SO_2 limit will prevent the facility from operating at its maximum permitted capacity. Therefore, we request that the current interim SO_2 limit of 72 lb/hour (based on a 30 day rolling average) be retained as the final BACT limit.

CONCLUSION

We understand that you intend to address our earlier request (dated December 26, 1995) for minor permit changes at the same time that you issue the final proposed BACT limits. If you have any questions associated with the minor permit changes or related to our comments on the proposed BACT, please call Chuck Davis at 941-665-2255 or Matt Killeen at 603-929-3420. If you intend to propose final BACT limits that are more stringent than we have requested in this letter, we would like to have an opportunity to meet and discuss the limits before they are issued.

Sincerely,

Rodney Williams

Rodney Williams
Plant Manager

Attachments

cc: C. Davis
M. Killeen
A. Linero
T. Porter
J. Reynolds

Certification #P 597 437 510

Attachment A

30 Day Rolling Averages
(720 Hour Rolling Averages)

September 1, 1994 through April 30, 1995

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
Average					ERR	ERR	121.8	126.2
Median					ERR	ERR	83.8	125.9
Minimum					ERR	ERR	0.0	90.7
Maximum					ERR	ERR	630.6	191.6
Std Deviation					ERR	ERR	103.0	26.1
Count					0	0	5093	4374
t99					2.326	2.326	2.326	2.326
CI99					ERR	ERR	361.3	186.9
Count > CI99					0	0	240	65
a	b	c	d	e			CO-1HR	CO720ROLL
9	1	94	0				40.8	
9	1	94	1				125.0	
9	1	94	2				124.1	
9	1	94	3				81.5	
9	1	94	4				34.6	
9	1	94	5				37.9	
9	1	94	6				52.6	
9	1	94	7				35.4	
9	1	94	8				88.6	
9	1	94	9				63.2	
9	1	94	10				41.3	
9	1	94	11				41.2	
9	1	94	12				53.0	
9	1	94	13				91.9	
9	1	94	14				45.3	
9	1	94	15				41.6	
9	1	94	16				41.8	
9	1	94	17				35.2	
9	1	94	18				46.8	
9	1	94	19				37.4	
9	1	94	20				41.9	
9	1	94	21				41.1	
9	1	94	22				43.8	
9	1	94	23				43.9	
9	2	94	0				41.4	
9	2	94	1				42.8	
9	2	94	2				37.8	
9	2	94	3				38.4	
9	2	94	4				36.3	
9	2	94	5				35.5	
9	2	94	6				43.0	
9	2	94	7				43.0	
9	2	94	8				44.1	
9	2	94	9				54.9	
9	2	94	10				35.6	
9	2	94	11				93.0	
9	2	94	12				46.6	
9	2	94	13				121.5	
9	2	94	14				239.8	
9	2	94	15				113.7	
9	2	94	16				49.6	
9	2	94	17				45.3	
9	2	94	18				58.2	
9	2	94	19				77.7	
9	2	94	20				32.2	
9	2	94	21				63.1	
9	2	94	22				195.1	
9	2	94	23				38.4	
9	3	94	0				32.7	
9	3	94	1				32.9	
9	3	94	2				36.9	
9	3	94	3				39.7	
9	3	94	4				39.2	
9	3	94	5				38.5	
9	3	94	6				35.1	
9	3	94	7				36.8	
9	3	94	8				46.2	
9	3	94	9				61.0	
9	3	94	10				142.5	
9	3	94	11				57.8	
9	3	94	12				95.1	
9	3	94	13				207.9	
9	3	94	14				56.5	
9	3	94	15				16.3	
9	3	94	16				160.1	
9	3	94	17				39.7	
9	3	94	18				64.7	
9	3	94	19				42.6	
9	3	94	20				48.1	
9	3	94	21				51.9	
9	3	94	22				41.4	
9	3	94	23				56.7	
9	4	94	0				50.7	

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
9	4	94	1				55.7	
9	4	94	2				50.5	
9	4	94	3				46.5	
9	4	94	4				46.4	
9	4	94	5				57.0	
9	4	94	6				49.0	
9	4	94	7				56.2	
9	4	94	8				70.3	
9	4	94	9				51.6	
9	4	94	10				38.6	
9	4	94	11				46.2	
9	4	94	12				40.2	
9	4	94	13				41.9	
9	4	94	14				46.4	
9	4	94	15				52.8	
9	4	94	16				0.0	
9	4	94	17				88.7	
9	4	94	18				66.3	
9	4	94	19				39.6	
9	4	94	20				45.1	
9	4	94	21				39.9	
9	4	94	22				67.8	
9	4	94	23				48.9	
9	5	94	0				47.6	
9	5	94	1				47.2	
9	5	94	2				48.5	
9	5	94	3				99.4	
9	5	94	4				50.6	
9	5	94	5				54.4	
9	5	94	6				48.3	
9	5	94	7				328.2	
9	5	94	8				190.6	
9	5	94	9				92.1	
9	5	94	10				113.3	
9	5	94	11				66.7	
9	5	94	12				157.2	
9	5	94	13				71.6	
9	5	94	14				52.5	
9	5	94	15				46.9	
9	5	94	16				42.1	
9	5	94	17				52.3	
9	5	94	18				40.9	
9	5	94	19				42.1	
9	5	94	20				47.8	
9	5	94	21				41.3	
9	5	94	22				41.7	
9	5	94	23				45.1	
9	6	94	0				50.3	
9	6	94	1				49.2	
9	6	94	2				43.2	
9	6	94	3				44.3	
9	6	94	4				45.1	
9	6	94	5				43.3	
9	6	94	6				60.7	
9	6	94	7				45.8	
9	6	94	8				213.7	
9	6	94	9				74.0	
9	6	94	10				127.1	
9	6	94	11				98.1	
9	6	94	12				139.8	
9	6	94	13				206.2	
9	6	94	14				58.9	
9	6	94	15				54.7	
9	6	94	16				50.5	
9	6	94	17				44.3	
9	6	94	18				49.4	
9	6	94	19				61.9	
9	6	94	20				56.7	
9	6	94	21				63.6	
9	6	94	22				50.9	
9	6	94	23				74.2	
9	7	94	0				80.4	
9	7	94	1				78.0	
9	7	94	2				70.1	
9	7	94	3				59.8	
9	7	94	4				52.8	
9	7	94	5				64.1	
9	7	94	6				71.8	
9	7	94	7				58.0	
9	7	94	8				42.5	
9	7	94	9				119.3	
9	7	94	10				73.3	
9	7	94	11				54.5	

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
9	7	94	12				64.2	
9	7	94	13				101.5	
9	7	94	14				64.1	
9	7	94	15				91.2	
9	7	94	16				61.4	
9	7	94	17				73.0	
9	7	94	18				76.9	
9	7	94	19				58.1	
9	7	94	20				52.0	
9	7	94	21				47.9	
9	7	94	22				51.7	
9	7	94	23				64.2	
9	8	94	0	NO			59.9	
9	8	94	1	NO			52.2	
9	8	94	2	NO			54.2	
9	8	94	3	NO			56.3	
9	8	94	4	RL			318.9	
9	8	94	5	RL			428.7	
9	8	94	6	RL			67.0	
9	8	94	7	NO			92.9	
9	8	94	8	NO			66.8	
9	8	94	9	NO			93.6	
9	8	94	10	NO			79.3	
9	8	94	11	NO			55.2	
9	8	94	12	NO			63.2	
9	8	94	13	NO			76.8	
9	8	94	14	NO			77.8	
9	8	94	15	RL			147.2	
9	8	94	16	NO			76.8	
9	8	94	17	RL			93.7	
9	8	94	18	NO			83.8	
9	8	94	19	RL			194.4	
9	8	94	20	NO			53.4	
9	8	94	21	NO			70.6	
9	8	94	22	RL			145.3	
9	8	94	23	NO			129.2	
9	9	94	0	NO			84.1	
9	9	94	1	NO			96.4	
9	9	94	2	NO			93.1	
9	9	94	3	NO			74.2	
9	9	94	4	NO			67.5	
9	9	94	5	NO			60.5	
9	9	94	6	NO			66.3	
9	9	94	7	RL/PF			218.2	
9	9	94	8	RL/PF			350.0	
9	9	94	9	NO			109.6	
9	9	94	10	NO			90.7	
9	9	94	11	NO			64.6	
9	9	94	12	NO			127.5	
9	9	94	13	NO			48.7	
9	9	94	14	NO			57.3	
9	9	94	15	NO			66.5	
9	9	94	16	NO			105.5	
9	9	94	17	RL			183.0	
9	9	94	18	NO			53.1	
9	9	94	19	NO			170.9	
9	9	94	20	NO			235.4	
9	9	94	21	NO			56.3	
9	9	94	22	NO			83.5	
9	9	94	23	NO			45.5	
9	10	94	0	NO			49.1	
9	10	94	1	NO			46.8	
9	10	94	2	NO			64.0	
9	10	94	3	RL			49.1	
9	10	94	4	NO			40.4	
9	10	94	5	NO			40.8	
9	10	94	6	NO			44.0	
9	10	94	7	NO			80.0	
9	10	94	8	NO			140.0	
9	10	94	9	RL			81.4	
9	10	94	10	RL			76.7	
9	10	94	11	NO			106.5	
9	10	94	12	NO			106.4	
9	10	94	13	RL			520.3	
9	10	94	14	RL			522.3	
9	10	94	15	RL/PF			347.9	
9	10	94	16	SS			7.3	
9	10	94	17	RL/PF			222.9	
9	10	94	18	RL			92.2	
9	10	94	19	NO			37.0	
9	10	94	20	NO			52.1	
9	10	94	21	NO			87.2	
9	10	94	22	NO			82.1	

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
9	10	94	23	NO			87.6	
9	11	94	0	NO			70.0	
9	11	94	1	NO			61.5	
9	11	94	2	NO			56.8	
9	11	94	3	NO			85.6	
9	11	94	4	NO			54.5	
9	11	94	5	NO			57.3	
9	11	94	6	NO			53.0	
9	11	94	7	NO			75.5	
9	11	94	8	NO			53.3	
9	11	94	9	NO			97.5	
9	11	94	10	NO			86.1	
9	11	94	11	NO			114.3	
9	11	94	12	NO			170.9	
9	11	94	13	NO			169.3	
9	11	94	14	NO			97.6	
9	11	94	15	NO			58.4	
9	11	94	16	NO			88.0	
9	11	94	17	NO			88.6	
9	11	94	18	NO			73.0	
9	11	94	19	NO			52.8	
9	11	94	20	NO			49.3	
9	11	94	21	NO			59.1	
9	11	94	22	NO			60.8	
9	11	94	23	NO			49.9	
9	12	94	0	NO			50.6	
9	12	94	1	NO			50.7	
9	12	94	2	NO			55.4	
9	12	94	3	NO			54.8	
9	12	94	4	NO			53.0	
9	12	94	5	NO			53.4	
9	12	94	6	NO			58.8	
9	12	94	7	NO			50.2	
9	12	94	8	NO			103.4	
9	12	94	9	RL			110.6	
9	12	94	10	NO			55.3	
9	12	94	11	NO			47.1	
9	12	94	12	NO			46.7	
9	12	94	13	NO			44.8	
9	12	94	14	NO			39.6	
9	12	94	15	NO			78.4	
9	12	94	16	NO			144.7	
9	12	94	17	NO			68.8	
9	12	94	18	NO			65.6	
9	12	94	19	NO			47.1	
9	12	94	20	NO			53.8	
9	12	94	21	NO			132.3	
9	12	94	22	NO			53.9	
9	12	94	23	NO			51.4	
9	13	94	0	NO			70.6	
9	13	94	1	NO			58.5	
9	13	94	2	NO			63.9	
9	13	94	3	NO			57.8	
9	13	94	4	NO			69.9	
9	13	94	5	NO			64.7	
9	13	94	6	NO			73.1	
9	13	94	7	RL			82.3	
9	13	94	8	RL			98.2	
9	13	94	9	NO			49.7	
9	13	94	10	NO			62.0	
9	13	94	11	NO			63.0	
9	13	94	12	NO			59.7	
9	13	94	13	NO			44.4	
9	13	94	14	NO			42.8	
9	13	94	15	NO			53.2	
9	13	94	16	NO			47.3	
9	13	94	17	NO			63.2	
9	13	94	18	NO			67.1	
9	13	94	19	NO			61.3	
9	13	94	20	NO			66.5	
9	13	94	21	NO			148.7	
9	13	94	22	NO			104.9	
9	13	94	23	NO			66.1	
9	14	94	0	NO			55.3	
9	14	94	1	NO			46.4	
9	14	94	2	NO			49.5	
9	14	94	3	NO			65.5	
9	14	94	4	NO			55.2	
9	14	94	5	NO			47.3	
9	14	94	6	NO			48.9	
9	14	94	7	MF			65.0	
9	14	94	8	RL			272.5	
9	14	94	9	RL			50.4	

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
9	14	94	10	NO			46.9	
9	14	94	11	NO			52.9	
9	14	94	12	NO			64.1	
9	14	94	13	NO			68.3	
9	14	94	14	NO			55.8	
9	14	94	15	NO			67.9	
9	14	94	16	NO			72.4	
9	14	94	17	NO			54.5	
9	14	94	18	NO			56.5	
9	14	94	19	NO			66.1	
9	14	94	20	NO			65.8	
9	14	94	21	NO			184.9	
9	14	94	22	NO			130.2	
9	14	94	23	RL			159.5	
9	15	94	0	RL			235.2	
9	15	94	1	RL			128.1	
9	15	94	2	RL			126.3	
9	15	94	3	RL			134.0	
9	15	94	4	RL			117.1	
9	15	94	5	RL			139.7	
9	15	94	6	RL			123.5	
9	15	94	7	RL			92.4	
9	15	94	8	RL			116.0	
9	15	94	9	RL			77.6	
9	15	94	10	NO			60.5	
9	15	94	11	NO			56.9	
9	15	94	12	NO			72.9	
9	15	94	13	NO			68.7	
9	15	94	14	NO			54.5	
9	15	94	15	NO			55.2	
9	15	94	16	NO			55.0	
9	15	94	17	NO			89.4	
9	15	94	18	RL			464.2	
9	15	94	19	RL/PF			453.2	
9	15	94	20	NO/PF			119.4	
9	15	94	21	NO/PF			107.8	
9	15	94	22	NO/PF			77.2	
9	15	94	23	RL			93.2	
9	16	94	0	RL			250.2	
9	16	94	1	RL			137.2	
9	16	94	2	RL			126.4	
9	16	94	3	RL			70.8	
9	16	94	4	RL			118.3	
9	16	94	5	MF			199.6	
9	16	94	8	SS			0.3	
9	16	94	9	SS			0.1	
9	16	94	10	SS			51.4	
9	16	94	11	RL/PF			248.3	
9	16	94	12	NO/PF			83.6	
9	16	94	13	NO/PF			91.5	
9	16	94	14	NO/PF			68.6	
9	16	94	15	NO			54.3	
9	16	94	16	NO			57.7	
9	16	94	17	NO			88.8	
9	16	94	18	NO			95.8	
9	16	94	19	NO			110.9	
9	16	94	20	NO			67.2	
9	16	94	21	NO			198.7	
9	16	94	22	NO			87.4	
9	16	94	23	RL			92.7	
9	17	94	0	RL			77.1	
9	17	94	1	RL			186.4	
9	17	94	2	RL			84.5	
9	17	94	3	RL			122.7	
9	17	94	4	RL			75.5	
9	17	94	5	RL			112.4	
9	17	94	6	RL			361.2	
9	17	94	7	RL			55.0	
9	17	94	8	RL			100.9	
9	17	94	9	RL			88.0	
9	17	94	10	NO			41.5	
9	17	94	11	NO			37.6	
9	17	94	12	NO			46.5	
9	17	94	13	NO			69.6	
9	17	94	14	NO			165.2	
9	17	94	15	NO			71.8	
9	17	94	16	NO			79.6	
9	17	94	17	NO			105.1	
9	17	94	18	NO			135.7	
9	17	94	19	NO			180.1	
9	17	94	20	NO			123.7	
9	17	94	21	NO			69.6	
9	17	94	22	NO			104.9	

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
9	17	94	23	NO			108.8	
9	18	94	0	RL			74.2	
9	18	94	1	RL			57.5	
9	18	94	2	RL			142.9	
9	18	94	3	RL			366.2	
9	18	94	4	RL/PF			20.1	
9	18	94	5	RL/PF			226.4	
9	18	94	6	RL			57.1	
9	18	94	7	RL			89.9	
9	18	94	8	RL			141.7	
9	18	94	9	RL			97.2	
9	18	94	10	NO			148.6	
9	18	94	11	NO			354.7	
9	18	94	12	NO			143.5	
9	18	94	13	NO			61.7	
9	18	94	14	NO			219.3	
9	18	94	15	RL/PF			369.6	
9	18	94	16	RL/PF			338.1	
9	18	94	17	RL/PF			239.6	
9	18	94	18	RL/PF			352.2	
9	18	94	19	RL			29.6	
9	18	94	20	SS			18.7	
9	18	94	21	SS			81.2	
9	18	94	22	SS			110.4	
9	18	94	23	SS			57.0	
9	19	94	0	SS			184.8	
9	19	94	1	RL			187.2	
9	19	94	2	RL/PF			53.3	
9	19	94	3	RL/PF			314.5	
9	19	94	4	RL			208.4	
9	19	94	5	RL			219.7	
9	19	94	6	MF			101.0	
9	19	94	8	SS			454.6	
9	19	94	9	RL			302.5	
9	19	94	10	NO			44.9	
9	19	94	11	NO			133.7	
9	19	94	12	NO			49.9	
9	19	94	13	NO			47.4	
9	19	94	14	NO			47.3	
9	19	94	15	NO			108.5	
9	19	94	16	NO			135.1	
9	19	94	17	NO			52.8	
9	20	94	14	NO			313.7	
9	20	94	15	NO			61.8	
9	20	94	16	NO			56.5	
9	20	94	17	NO			42.5	
9	20	94	18	NO			138.2	
9	20	94	19	NO			70.8	
9	20	94	20	NO			113.3	
9	20	94	21	NO			83.7	
9	20	94	22	NO			67.7	
9	20	94	23	RL			100.4	
9	21	94	0	RL			77.1	
9	21	94	1	RL			77.8	
9	21	94	2	RL			74.7	
9	21	94	3	RL			145.2	
9	21	94	4	RL			508.2	
9	21	94	5	RL			260.2	
9	21	94	6	RL			345.9	
9	21	94	7	RL			209.4	
9	21	94	8	RL			234.1	
9	21	94	9	RL/PF			288.6	
9	21	94	10	RL/PF			89.6	
9	21	94	11	RL			136.7	
9	21	94	12	NO			74.8	
9	21	94	13	RL			105.6	
9	21	94	14	RL			142.9	
9	21	94	15	RL			69.2	
9	21	94	16	NO			49.7	
9	21	94	17	NO			50.9	
9	21	94	18	NO			39.3	
9	21	94	19	NO			42.3	
9	21	94	20	RL			76.2	
9	21	94	21	RL			64.6	
9	21	94	22	RL			67.3	
9	21	94	23	RL			66.2	
9	22	94	0	RL			76.7	
9	22	94	1	RL			106.8	
9	22	94	2	RL			81.5	
9	22	94	3	RL			146.2	
9	22	94	4	RL			119.1	
9	22	94	5	RL			128.3	
9	22	94	6	RL			128.9	

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
9	22	94	7	RL			461.0	
9	22	94	8	RL			504.7	
9	22	94	9	MF			105.9	
9	22	94	10	RL			96.4	
9	22	94	11	RL/PF			297.4	
9	22	94	12	MF			10.7	
9	22	94	13	MF			0.0	
9	22	94	14	MF			0.4	
9	22	94	15	MF			0.2	
9	22	94	16	MF			2.1	
9	22	94	17	MF			84.8	
9	22	94	18	RL/PF			498.9	
9	22	94	19	RL/PF			150.0	
9	22	94	20	RL/PF			0.7	
9	22	94	21	RL/PF			0.0	
9	22	94	22	MF			0.0	
9	22	94	23	MF			0.0	
9	23	94	0	MF			0.0	
9	23	94	1	RL/PF			181.7	
9	23	94	2	RL/PF			114.2	
9	23	94	3	RL			103.9	
9	23	94	4	RL			108.1	
9	23	94	5	RL			202.5	
9	23	94	6	RL			166.2	
9	23	94	7	RL			239.2	
9	23	94	8	RL			440.4	
9	23	94	9	RL			246.4	
9	23	94	10	RL			52.2	
9	23	94	11	NO			100.1	
9	23	94	12	RL			83.6	
9	23	94	13	NO			56.6	
9	23	94	14	NO			82.6	
9	23	94	15	NO			46.0	
9	23	94	16	NO			56.6	
9	23	94	17	RL			173.4	
9	23	94	18	RL			106.7	
9	23	94	19	RL			221.1	
9	23	94	20	RL			158.1	
9	23	94	21	RL			195.4	
9	23	94	22	RL			92.5	
9	23	94	23	RL			65.5	
9	24	94	0	RL			118.2	
9	24	94	1	RL			102.0	
9	24	94	2	RL			124.0	
9	24	94	3	RL			175.1	
9	24	94	4	RL			135.5	
9	24	94	5	RL			128.1	
9	24	94	6	RL			76.1	
9	24	94	7	RL			129.2	
9	24	94	8	RL			117.2	
9	24	94	9	RL			261.3	
9	24	94	10	RL			303.4	
9	24	94	11	RL			284.7	
9	24	94	12	RL			88.5	
9	24	94	13	RL			163.9	
9	24	94	14	RL			159.8	
9	24	94	15	RL			85.4	
9	24	94	16	NO			53.3	
9	24	94	17	RL			56.2	
9	24	94	18	NO			49.2	
9	24	94	19	RL			70.3	
9	24	94	20	RL			56.0	
9	24	94	21	NO			40.9	
9	24	94	22	NO			52.1	
9	24	94	23	NO			54.2	
9	25	94	0	RL			79.2	
9	25	94	1	RL			72.6	
9	25	94	2	RL			48.5	
9	25	94	3	RL			83.9	
9	25	94	4	RL			115.0	
9	25	94	5	RL			72.7	
9	25	94	6	RL			89.2	
9	25	94	7	RL			126.8	
9	25	94	8	RL			95.0	
9	25	94	9	RL			232.9	
9	25	94	10	RL			107.2	
9	25	94	11	RL			42.4	
9	25	94	12	RL			121.8	
9	25	94	13	RL			396.5	
9	25	94	14	RL			108.9	
9	25	94	15	RL			106.0	
9	25	94	16	RL			362.3	
9	25	94	17	RL			528.8	

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
9	25	94	18	RL			487.8	
9	25	94	19	RL			495.6	
9	25	94	20	RL			125.1	
9	25	94	21	RL			251.9	
9	25	94	22	RL			308.3	
9	25	94	23	RL			533.0	
9	26	94	0	RL			489.2	
9	26	94	1	RL			303.8	
9	26	94	2	RL			48.5	
9	26	94	3	RL			80.3	
9	26	94	4	RL			126.7	
9	26	94	5	RL			148.5	
9	26	94	6	RL			86.4	
9	26	94	7	RL			75.6	
9	26	94	8	RL			54.7	
9	26	94	9	RL			42.8	
9	26	94	10	RL			314.4	
9	26	94	11	RL			507.4	
9	26	94	12	RL/PF			430.1	
9	26	94	13	RL/PF			89.2	
9	26	94	14	RL/PF			15.1	
9	26	94	15	RL/PF			262.7	
9	26	94	16	RL/PF			179.7	
9	26	94	17	RL			128.7	
9	26	94	18	RL			303.9	
9	26	94	19	RL			319.1	
9	26	94	20	RL			252.3	
9	26	94	21	RL			448.7	
9	26	94	22	RL			216.1	
9	26	94	23	RL			99.2	
9	27	94	0	RL			232.7	
9	27	94	1	RL			65.2	
9	27	94	2	RL			69.0	
9	27	94	3	NO			71.6	
9	27	94	4	RL			87.3	
9	27	94	5	RL			115.3	
9	27	94	6	RL			200.8	
9	27	94	7	RL			396.7	
9	27	94	8	RL			377.6	
9	27	94	9	RL			119.7	
9	27	94	10	NO			44.7	
9	27	94	11	RL			308.3	
9	27	94	12	RL			331.5	
9	27	94	13	RL			190.7	
9	27	94	14	RL			159.6	
9	27	94	15	RL			155.2	
9	27	94	16	RL			172.9	
9	27	94	17	RL			148.7	
9	27	94	18	RL			58.9	
9	27	94	19	RL/PF			183.7	
9	27	94	20	MF			66.4	
9	27	94	21	MF			157.3	
9	27	94	22	RL/PF			210.0	
9	27	94	23	RL			79.5	
9	28	94	0	RL			59.9	
9	28	94	1	RL			75.7	
9	28	94	2	RL			258.5	
9	28	94	3	RL			226.1	
9	28	94	4	RL/PF			212.2	
9	28	94	5	RL/PF			331.0	
9	28	94	6	RL/PF			268.4	
9	28	94	7	RL/PF			216.7	
9	28	94	8	RL			255.9	
9	28	94	9	RL			154.4	
9	28	94	10	RL			110.1	
9	28	94	11	RL			180.7	
9	28	94	12	RL			131.6	
9	28	94	13	RL			116.2	
9	28	94	14	RL			117.6	
9	28	94	15	NO			125.8	
9	28	94	16	NO			49.4	
9	28	94	17	NO			54.8	
9	28	94	18	RL			262.2	
9	28	94	19	RL			129.8	
9	28	94	20	RL			172.7	
9	28	94	21	RL			91.9	
9	28	94	22	RL			107.3	
9	28	94	23	NO			95.6	
9	29	94	0	RL			101.0	
9	29	94	1	RL			92.8	
9	29	94	2	RL			123.2	
9	29	94	3	RL			159.5	
9	29	94	4	RL			181.3	

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
9	29	94	5	RL			197.1	
9	29	94	6	RL			96.0	
9	29	94	7	RL			118.7	
9	29	94	8	RL			132.9	
9	29	94	9	RL			53.9	
9	29	94	10	RL			109.0	
9	29	94	11	NO			45.3	
9	29	94	12	RL			127.6	
9	29	94	13	NO			211.1	
9	29	94	14	NO			45.4	
9	29	94	15	NO			58.4	
9	29	94	16	RL			84.7	
9	29	94	17	RL			392.0	
9	29	94	18	NO			90.4	
9	29	94	19	NO			68.3	
9	29	94	20	RL			66.3	
9	29	94	21	RL			111.3	
9	29	94	22	RL			112.3	
9	29	94	23	RL			110.7	
9	30	94	0	RL			153.2	
9	30	94	1	RL			91.1	
9	30	94	2	RL			167.2	
9	30	94	3	RL			143.2	
9	30	94	4	RL			195.9	
9	30	94	5	RL			76.5	
9	30	94	6	RL			77.9	
9	30	94	7	RL			70.1	
9	30	94	8	RL			102.6	
9	30	94	9	NO			55.0	
9	30	94	10	NO			138.8	
9	30	94	11	NO			76.4	
9	30	94	12	NO			63.9	
9	30	94	13	RL			146.2	
9	30	94	14	RL			155.3	
9	30	94	15	NO			66.2	
9	30	94	16	NO			67.1	
9	30	94	17	NO			70.1	
9	30	94	18	NO			44.5	
9	30	94	19	NO			81.6	
9	30	94	20	NO			77.7	
9	30	94	21	NO			120.6	
9	30	94	22	RL			225.4	
9	30	94	23	RL			513.9	
10	1	94	0	RL			273.7	
10	1	94	1	RL			126.0	
10	1	94	2	RL			73.0	
10	1	94	3	RL			90.4	
10	1	94	4	NO			57.5	
10	1	94	5	RL			62.3	
10	1	94	6	RL			49.2	
10	1	94	7	RL			92.5	
10	1	94	8	RL			80.9	
10	1	94	9	RL			92.6	
10	1	94	10	RL			68.2	
10	1	94	11	NO			65.0	
10	1	94	12	RL			92.6	
10	1	94	13	NO			84.9	
10	1	94	14	RL			55.3	
10	1	94	15	RL			192.5	
10	1	94	16	RL			130.4	
10	1	94	17	RL			91.4	
10	1	94	18	NO			41.2	
10	1	94	19	NO			43.3	
10	1	94	20	NO			41.7	
10	1	94	21	RL			49.3	
10	1	94	22	RL			67.9	110.9
10	1	94	23	RL			113.0	111.0
10	2	94	0	RL			73.3	110.9
10	2	94	1	RL			113.7	110.9
10	2	94	2	RL			69.6	110.9
10	2	94	3	RL			62.0	111.0
10	2	94	4	RL			50.4	111.0
10	2	94	5	RL			62.8	111.0
10	2	94	6	RL			38.6	111.0
10	2	94	7	RL			59.1	110.9
10	2	94	8	RL			46.1	110.9
10	2	94	9	RL			56.2	110.9
10	2	94	10	NO/PF			51.9	111.0
10	2	94	11	RL/PF			57.7	111.0
10	2	94	12	RL			60.2	110.9
10	2	94	13	NO			48.7	110.9
10	2	94	14	NO			55.1	110.9
10	2	94	15	NO			60.2	111.0

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
10	2	94	16	RL			61.4	111.0
10	2	94	17	RL			72.1	111.0
10	2	94	18	RL			58.7	111.1
10	2	94	19	RL			68.8	111.1
10	2	94	20	RL			167.1	111.3
10	2	94	21	RL			114.9	111.4
10	2	94	22	RL			159.3	111.5
10	2	94	23	MF			376.8	112.0
10	3	94	0	RL			122.4	112.1
10	3	94	1	RL			39.0	112.1
10	3	94	2	RL			11.8	112.1
10	3	94	8	RL			85.5	112.2
10	3	94	9	RL			107.7	112.3
10	3	94	10	RL			85.1	112.3
10	3	94	11	RL/PF			189.1	112.5
10	3	94	12	MF			152.5	112.7
10	3	94	13	RL/PF			252.7	112.9
10	3	94	14	RL			149.9	113.1
10	3	94	15	NO			143.1	113.2
10	3	94	16	RL			60.9	113.2
10	3	94	17	RL			63.2	113.1
10	3	94	18	RL			76.5	112.9
10	3	94	19	RL			105.4	112.9
10	3	94	20	RL			85.8	112.9
10	3	94	21	RL			64.2	112.9
10	3	94	22	RL			57.9	112.9
10	3	94	23	RL			60.9	112.9
10	4	94	0	RL			194.3	113.1
10	4	94	1	RL			208.1	113.3
10	4	94	2	MF			441.0	113.7
10	4	94	3	RL			518.7	114.4
10	4	94	4	RL			176.1	114.6
10	4	94	5	RL			85.0	114.6
10	4	94	6	RL/PF			154.4	114.8
10	4	94	7	RL/PF			176.5	115.0
10	4	94	8	RL/PF			174.8	115.2
10	4	94	11	NO			49.2	115.2
10	4	94	12	NO			79.2	115.2
10	4	94	13	RL			226.7	115.5
10	4	94	14	MF			80.3	115.6
10	4	94	15	RL			128.1	115.6
10	4	94	16	NO			217.5	115.8
10	4	94	17	NO			240.4	116.0
10	4	94	18	NO			122.0	116.0
10	4	94	19	NO			55.4	115.8
10	4	94	20	NO			72.9	115.9
10	4	94	21	NO			89.2	116.0
10	4	94	22	NO			123.4	115.9
10	4	94	23	RL			242.6	116.2
10	5	94	0	RL			151.8	116.3
10	5	94	1	RL			77.9	116.4
10	5	94	2	RL			100.6	116.4
10	5	94	3	RL			123.5	116.5
10	5	94	4	RL			158.0	116.7
10	5	94	5	RL			182.5	116.9
10	5	94	6	RL			86.6	116.9
10	5	94	7	NO			53.8	116.9
10	5	94	8	NO			37.1	116.9
10	5	94	9	NO			38.0	116.9
10	5	94	10	RL			69.4	116.9
10	5	94	11	NO			64.3	116.9
10	5	94	12	NO			128.5	117.0
10	5	94	13	NO			69.5	117.1
10	5	94	14	MF			299.8	117.4
10	5	94	15	MF			1.9	117.3
10	5	94	16	RL			102.1	117.4
10	5	94	17	RL			266.8	117.7
10	5	94	18	RL			156.2	117.9
10	5	94	19	NO			164.7	118.0
10	5	94	20	NO			60.9	118.0
10	5	94	21	NO			107.5	118.1
10	5	94	22	NO/PF			93.5	118.3
10	5	94	23	MF			17.0	118.2
10	6	94	0	RL/PF			122.1	118.2
10	6	94	1	RL			105.5	118.3
10	6	94	2	RL			119.9	118.4
10	6	94	3	RL			89.6	118.5
10	6	94	4	RL			96.5	118.5
10	6	94	5	RL			100.2	118.6
10	6	94	6	RL			95.7	118.7
10	6	94	7	RL			70.5	118.7
10	6	94	8	RL			73.8	118.7
10	6	94	9	NO			129.3	118.8

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
10	6	94	10	RL/PF			109.6	118.9
10	6	94	11	MF			26.8	118.8
10	6	94	12	MF			34.3	118.8
10	6	94	13	RL/PF			188.4	118.6
10	6	94	14	NO			200.7	118.6
10	6	94	15	NO			58.4	118.6
10	6	94	16	RL			426.6	119.0
10	6	94	17	NO			163.6	119.2
10	6	94	18	NO			167.9	119.2
10	6	94	19	RL/PF			192.3	119.3
10	6	94	20	NO			103.3	119.4
10	6	94	21	NO			229.2	119.7
10	6	94	22	MF			83.8	119.7
10	6	94	23	MF			260.6	120.0
10	7	94	0	RL			154.5	120.2
10	7	94	1	RL/PF			47.6	120.2
10	7	94	2	RL/PF			2.3	120.1
10	7	94	3	RL/PF			4.1	120.1
10	7	94	4	RL/PF			0.0	120.0
10	7	94	5	RL/PF			136.6	120.1
10	7	94	6	RL			95.4	120.2
10	7	94	7	NO			60.0	120.2
10	7	94	8	RL			65.7	120.2
10	7	94	9	RL/PF			105.9	120.3
10	7	94	12	NO			117.5	120.4
10	7	94	13	MF			134.3	120.5
10	7	94	14	MF			505.3	121.2
10	7	94	15	RL			467.4	121.7
10	7	94	16	RL			203.1	121.7
10	7	94	17	RL			305.7	122.1
10	7	94	18	NO			197.5	122.2
10	7	94	19	RL			201.5	122.3
10	7	94	20	RL			542.5	122.9
10	7	94	21	RL			530.9	123.3
10	7	94	22	RL			522.3	124.0
10	9	94	7	SS			0.9	123.9
10	9	94	8	RL/PF			89.7	123.9
10	9	94	9	NO			273.4	124.2
10	9	94	11	RL			187.6	124.4
10	9	94	12	RL			254.3	124.7
10	9	94	13	RL			521.1	125.4
10	9	94	14	RL			545.1	126.0
10	9	94	15	RL/PF			74.4	126.1
10	9	94	16	RL/PF			2.5	126.0
10	9	94	17	PF			1.1	125.8
10	9	94	18	PF			0.8	125.7
10	9	94	19	PF			0.9	125.6
10	9	94	20	PF			0.6	125.6
10	9	94	21	PF			0.6	125.5
10	10	94	12	SS			0.1	125.4
10	10	94	13	SS			0.2	125.3
10	10	94	14	SS			0.0	125.2
10	10	94	15	SS			0.2	125.2
10	10	94	16	RL/PF			175.9	125.2
10	10	94	17	RL			75.7	125.2
10	10	94	18	RL			160.7	125.4
10	10	94	19	RL			430.8	125.9
10	14	94	8	SS			10.3	125.8
10	14	94	9	RL/PF			199.4	126.0
10	14	94	10	NO			120.9	126.0
10	14	94	11	RL			129.3	126.1
10	14	94	12	RL			321.7	126.4
10	14	94	13	RL			327.5	126.8
10	14	94	14	RL			159.7	126.9
10	14	94	15	RL			199.3	127.1
10	14	94	16	RL			72.9	127.2
10	14	94	17	RL			170.2	127.3
10	14	94	18	RL			178.8	127.5
10	14	94	19	MF			238.6	127.7
10	14	94	20	NO			301.0	128.1
10	14	94	21	NO			184.0	128.3
10	14	94	22	NO			215.9	128.5
10	14	94	23	RL/PF			387.7	128.6
10	15	94	0	RL/PF			3.4	128.0
10	15	94	1	RL/PF			3.2	127.9
10	15	94	2	RL/PF			342.2	128.3
10	15	94	3	RL			272.1	128.5
10	15	94	4	RL			291.4	128.8
10	15	94	5	NO			143.5	128.9
10	15	94	6	NO			62.9	128.9
10	15	94	7	NO			95.5	129.0
10	15	94	8	NO/PF			111.6	129.0
10	15	94	9	RL/PF			77.3	129.0

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
10	15	94	10	RL/PF			4.1	128.8
10	15	94	11	RL/PF			0.3	128.7
10	15	94	12	RL/PF			0.1	128.6
10	15	94	13	RL/PF			0.0	128.5
10	15	94	14	RL/PF			0.1	128.2
10	15	94	15	RL/PF			0.1	128.1
10	15	94	16	RL/PF			0.1	128.0
10	15	94	17	RL/PF			0.0	127.8
10	15	94	18	RL/PF			0.0	127.6
10	15	94	19	RL/PF			66.1	127.6
10	15	94	20	RL			172.9	127.7
10	15	94	21	RL			55.3	127.7
10	15	94	22	RL			96.5	127.7
10	15	94	23	RL			126.2	127.8
10	16	94	0	RL			182.7	127.9
10	16	94	1	RL			160.8	128.1
10	16	94	2	RL			184.6	128.0
10	16	94	3	RL			132.5	127.7
10	16	94	4	RL			105.3	127.7
10	16	94	5	RL			85.1	127.7
10	16	94	6	RL			59.1	127.7
10	16	94	7	RL/PF			276.0	127.9
10	16	94	8	RL/PF			248.7	128.2
10	16	94	9	RL			143.7	128.3
10	16	94	10	RL			220.3	128.5
10	16	94	11	RL			187.2	128.6
10	16	94	12	RL			39.4	128.4
10	16	94	13	RL			38.0	128.4
10	16	94	14	RL			50.9	128.2
10	16	94	15	RL			97.5	128.1
10	16	94	16	RL			64.6	128.1
10	16	94	17	RL			70.5	128.0
10	16	94	18	RL			68.4	128.1
10	16	94	19	RL			68.8	128.1
10	16	94	20	RL			53.1	128.1
10	16	94	21	NO			182.0	128.3
10	16	94	22	NO			368.2	128.7
10	16	94	23	RL			142.1	128.9
10	17	94	0	RL			59.5	128.9
10	17	94	1	RL			61.8	128.9
10	17	94	2	RL			81.7	128.9
10	17	94	3	RL			108.3	128.9
10	17	94	4	RL			67.4	128.9
10	17	94	5	RL			78.1	128.9
10	17	94	6	RL			125.2	128.9
10	17	94	7	RL			82.7	128.8
10	17	94	8	RL			59.8	128.2
10	17	94	9	MF			139.8	127.7
10	17	94	10	RL			128.0	127.4
10	17	94	16	SS			0.3	127.4
10	17	94	17	RL/PF			63.5	127.1
10	17	94	18	NO			46.3	127.1
10	17	94	19	NO			159.6	127.2
10	17	94	20	NO			117.2	127.3
10	17	94	21	NO			102.5	127.4
10	17	94	22	NO			146.5	127.4
10	17	94	23	RL			145.7	127.5
10	18	94	0	RL			78.8	127.5
10	18	94	1	RL			85.1	127.6
10	18	94	2	MF			343.4	128.0
10	18	94	3	RL			137.2	128.0
10	18	94	4	RL			110.8	128.1
10	18	94	5	RL			136.1	128.2
10	18	94	6	RL			138.8	128.3
10	18	94	7	RL			172.9	128.5
10	18	94	8	RL			137.2	128.6
10	18	94	9	RL			177.3	128.7
10	18	94	10	MF			99.4	128.7
10	18	94	11	RL			322.6	129.0
10	18	94	12	NO			78.2	128.9
10	18	94	13	NO			51.7	128.7
10	18	94	14	NO			55.6	128.7
10	18	94	15	NO			69.7	128.7
10	18	94	16	NO			62.5	128.7
10	18	94	17	NO			59.7	128.6
10	18	94	18	NO			70.1	128.6
10	18	94	19	NO			85.7	128.7
10	18	94	20	NO			102.4	128.7
10	18	94	21	NO			118.9	128.8
10	18	94	22	NO			152.3	128.9
10	18	94	23	RL			198.7	129.1
10	19	94	0	RL			135.9	129.3
10	19	94	1	RL			158.6	129.4

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
10	19	94	2	RL			118.5	129.5
10	19	94	3	RL			182.0	129.7
10	19	94	4	MF			215.8	129.9
10	19	94	5	RL			157.8	130.0
10	19	94	6	RL			154.2	130.2
10	19	94	7	RL			173.0	130.3
10	19	94	8	RL			163.6	130.4
10	19	94	9	MF			184.2	130.5
10	19	94	10	MF			162.6	130.7
10	19	94	11	NO			306.7	131.0
10	19	94	12	NO			363.9	131.5
10	19	94	13	NO			87.7	131.5
10	19	94	14	NO			232.9	131.8
10	19	94	15	NO			140.6	131.9
10	19	94	16	NO			154.6	131.9
10	19	94	17	NO			215.7	132.1
10	19	94	18	NO			145.2	132.2
10	19	94	19	NO			123.7	132.3
10	19	94	20	NO			135.2	132.4
10	19	94	21	NO			149.5	132.5
10	19	94	22	NO			83.9	132.5
10	19	94	23	RL			214.8	132.7
10	20	94	0	RL			118.2	132.8
10	20	94	1	RL			176.3	133.0
10	20	94	2	RL			180.1	133.1
10	20	94	3	RL			84.8	133.2
10	20	94	4	RL			51.2	133.1
10	20	94	5	RL			145.9	133.3
10	20	94	6	RL			149.1	133.4
10	20	94	7	RL			123.9	133.4
10	20	94	8	RL			123.8	133.5
10	20	94	9	RL			125.3	133.6
10	20	94	10	NO			163.3	133.7
10	20	94	11	NO			143.2	133.8
10	20	94	12	NO			131.4	133.9
10	20	94	13	NO			204.5	134.1
10	20	94	14	NO			233.5	134.4
10	20	94	15	NO			208.7	134.6
10	20	94	16	NO			265.1	134.9
10	20	94	17	NO			111.1	135.0
10	20	94	18	NO			212.9	135.2
10	20	94	19	NO			184.2	135.4
10	20	94	20	NO			125.8	135.4
10	20	94	21	NO			110.1	135.4
10	20	94	22	NO			164.1	135.5
10	20	94	23	RL			319.8	135.8
10	21	94	0	RL			209.6	136.0
10	21	94	1	RL			124.0	136.1
10	21	94	2	RL			62.7	136.2
10	21	94	3	RL			82.5	136.2
10	21	94	4	RL			116.9	136.3
10	21	94	5	RL			124.8	136.4
10	21	94	6	RL			75.4	136.4
10	21	94	7	RL			83.7	136.4
10	21	94	8	RL			97.5	136.2
10	21	94	9	RL			104.1	136.3
10	21	94	10	RL			103.1	136.3
10	21	94	11	RL			278.7	136.7
10	21	94	12	NO			168.1	136.8
10	21	94	13	NO			116.5	136.9
10	21	94	14	NO			129.7	137.0
10	21	94	15	NO			139.8	137.1
10	21	94	16	NO			153.0	137.2
10	21	94	17	NO			148.1	137.3
10	21	94	18	NO			104.0	137.4
10	21	94	19	NO			222.2	137.6
10	21	94	20	NO			137.1	137.7
10	21	94	21	NO			134.1	137.6
10	21	94	22	NO			108.6	137.6
10	21	94	23	RL			110.5	137.5
10	22	94	0	RL			123.6	137.4
10	22	94	1	RL			122.1	137.4
10	22	94	2	RL			56.9	137.3
10	22	94	3	RL			51.3	137.2
10	22	94	4	RL			60.4	137.1
10	22	94	5	RL			46.8	136.9
10	22	94	6	RL			42.3	136.8
10	22	94	7	RL			53.1	136.8
10	22	94	8	RL			68.4	136.7
10	22	94	9	RL			135.3	136.8
10	22	94	10	NO			187.8	137.0
10	22	94	11	NO			169.6	137.1
10	22	94	12	NO			101.8	137.2

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
10	22	94	13	NO			76.5	137.2
10	22	94	14	NO			126.5	137.3
10	22	94	15	NO			103.3	137.3
10	22	94	16	NO			95.4	137.4
10	22	94	17	RL			113.9	137.4
10	22	94	18	RL			246.5	137.1
10	22	94	19	NO			90.2	136.6
10	22	94	20	RL			182.9	136.7
10	22	94	21	MF			251.8	136.9
10	22	94	22	NO			125.1	137.0
10	22	94	23	RL			82.0	137.0
10	23	94	0	RL			72.8	136.7
10	23	94	1	RL			83.6	136.6
10	23	94	2	RL			54.3	136.5
10	23	94	3	RL			60.8	136.5
10	23	94	4	RL			62.3	136.5
10	23	94	5	RL/PF			91.2	136.3
10	23	94	6	MF			131.0	136.5
10	23	94	7	SS			38.6	136.5
10	23	94	8	RL/PF			349.5	137.0
10	23	94	9	RL			68.0	136.7
10	23	94	10	NO			104.9	136.7
10	23	94	11	NO			155.6	136.8
10	23	94	12	NO			192.9	137.0
10	23	94	13	NO			142.5	137.1
10	23	94	14	NO			278.7	137.4
10	23	94	15	NO			248.4	137.6
10	23	94	16	NO			261.3	137.9
10	23	94	17	NO			98.2	137.9
10	23	94	18	NO			97.8	137.9
10	23	94	19	NO			66.8	137.7
10	23	94	20	NO			198.0	137.9
10	23	94	21	NO			266.8	138.1
10	23	94	22	NO			330.5	138.5
10	23	94	23	RL			141.7	138.4
10	24	94	0	RL			42.6	138.3
10	24	94	1	RL			37.3	138.2
10	24	94	2	RL			78.7	138.2
10	24	94	3	RL/PF			186.1	138.3
10	24	94	4	RL/PF			79.9	137.9
10	24	94	5	RL			56.4	137.9
10	24	94	6	RL			60.6	137.9
10	24	94	7	RL			74.7	137.9
10	24	94	8	RL			68.5	137.9
10	24	94	9	RL			125.1	138.0
10	24	94	10	NO			79.1	138.1
10	24	94	11	NO			91.9	138.1
10	24	94	12	NO			112.0	138.0
10	24	94	13	NO			125.9	138.1
10	24	94	14	NO			175.1	138.2
10	24	94	15	NO			141.0	138.3
10	24	94	16	NO			213.2	138.4
10	24	94	17	NO			69.4	138.2
10	24	94	18	NO			191.1	138.3
10	24	94	19	NO			122.9	138.4
10	24	94	20	NO			136.0	138.5
10	24	94	21	NO			246.9	138.6
10	24	94	22	NO			350.9	139.0
10	24	94	23	NO			204.6	139.2
10	25	94	0	RL			135.1	139.2
10	25	94	1	RL			124.2	138.9
10	25	94	2	RL			110.6	139.0
10	25	94	3	RL			128.0	138.9
10	25	94	4	RL			109.3	139.0
10	25	94	5	RL			136.7	139.0
10	25	94	6	RL			211.7	139.1
10	25	94	7	RL			56.8	139.1
10	25	94	8	RL			72.3	139.0
10	25	94	9	NO			120.7	138.6
10	25	94	10	NO			184.8	138.7
10	25	94	11	NO			94.9	138.7
10	25	94	12	NO			95.1	138.6
10	25	94	13	NO			112.9	138.2
10	25	94	14	NO			158.0	137.9
10	25	94	15	NO			141.6	137.8
10	25	94	16	NO			298.6	137.7
10	25	94	17	NO			160.8	137.9
10	25	94	18	NO			239.1	138.2
10	25	94	19	NO			180.7	138.4
10	25	94	20	NO			166.4	138.4
10	25	94	21	NO			194.4	138.6
10	25	94	22	NO/PF			93.9	138.5
10	25	94	23	RL/PF			200.9	138.5

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
10	26	94	0	RL/PF			244.3	138.8
10	26	94	1	RL/PF			168.7	138.6
10	26	94	2	RL			113.6	138.5
10	26	94	3	RL			179.0	138.4
10	26	94	4	RL			136.1	138.5
10	26	94	5	RL			125.6	138.0
10	26	94	6	RL			92.2	137.7
10	26	94	7	RL			80.7	137.8
10	26	94	8	RL			168.2	137.8
10	26	94	9	RL			104.8	137.9
10	26	94	10	NO			123.1	138.0
10	26	94	11	NO			178.3	138.2
10	26	94	12	NO			142.0	138.2
10	26	94	13	NO			175.3	138.3
10	26	94	14	NO			130.2	138.4
10	26	94	15	NO			97.8	138.1
10	26	94	16	NO			97.4	138.1
10	26	94	17	NO			119.5	138.2
10	26	94	18	NO			151.5	138.4
10	26	94	19	NO			77.8	138.3
10	26	94	20	NO			66.2	138.3
10	26	94	21	NO			67.8	138.2
10	26	94	22	NO			63.7	138.2
10	26	94	23	NO			82.5	138.2
10	27	94	0	RL			88.0	138.2
10	27	94	1	RL			107.2	138.2
10	27	94	2	RL			86.6	138.2
10	27	94	3	RL			79.4	138.2
10	27	94	4	RL			90.7	138.2
10	27	94	5	RL			108.4	137.6
10	27	94	6	RL			100.6	137.4
10	27	94	7	RL			75.0	137.0
10	27	94	8	NO			119.2	136.9
10	27	94	9	NO			72.5	136.7
10	27	94	10	NO			68.7	136.4
10	27	94	11	NO			82.4	136.3
10	27	94	12	NO			111.6	136.3
10	27	94	13	NO			89.4	136.3
10	27	94	14	NO			83.8	136.3
10	27	94	15	NO			86.4	136.2
10	27	94	16	NO			87.7	136.3
10	27	94	17	NO			115.4	136.3
10	27	94	18	MF			261.6	136.6
10	27	94	19	RL			310.7	137.0
10	27	94	20	RL			350.6	137.4
10	27	94	21	NO			297.4	137.7
10	27	94	22	MF			152.3	137.9
10	28	94	0	RL			211.6	138.1
10	28	94	1	MF			263.2	138.3
10	28	94	2	RL			112.5	138.4
10	28	94	3	RL			138.7	138.4
10	28	94	4	RL			95.3	138.5
10	28	94	5	RL			100.1	138.4
10	28	94	6	RL			89.3	138.4
10	28	94	7	RL			66.0	138.3
10	28	94	8	RL			51.1	138.2
10	28	94	9	NO			157.7	137.7
10	28	94	10	NO			135.6	137.2
10	28	94	11	NO			107.0	137.2
10	28	94	12	NO			85.4	137.2
10	28	94	13	NO			94.1	136.9
10	28	94	14	MF			99.7	137.1
10	28	94	15	MF			21.3	137.1
10	28	94	16	MF			427.4	137.7
10	28	94	17	RL			337.4	138.1
10	28	94	18	RL			294.9	138.5
10	28	94	19	NO			193.8	138.7
10	28	94	20	NO			165.6	138.2
10	28	94	21	NO			252.5	138.4
10	28	94	22	NO			246.3	138.7
10	28	94	23	RL			126.1	138.9
10	29	94	0	RL			74.5	139.0
10	29	94	1	RL			77.0	139.1
10	29	94	2	RL			81.9	139.2
10	29	94	3	RL			115.8	139.1
10	29	94	4	RL			120.5	139.1
10	29	94	5	RL			92.0	139.1
10	29	94	6	RL			84.0	139.1
10	29	94	7	RL			64.7	138.9
10	29	94	8	NO			172.7	138.9
10	29	94	9	NO			95.1	138.7
10	29	94	10	NO			114.5	138.3
10	29	94	11	NO			210.4	138.2

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
10	29	94	12	NO			136.9	138.3
10	29	94	13	NO			132.1	138.4
10	29	94	14	NO			117.4	138.4
10	29	94	15	NO			117.1	138.5
10	29	94	16	NO			106.9	138.5
10	29	94	17	NO			106.5	138.6
10	29	94	18	NO			139.2	138.7
10	29	94	19	NO			75.2	138.6
10	29	94	20	NO			93.8	138.6
10	29	94	21	NO			155.8	138.5
10	29	94	22	NO			203.2	138.5
10	29	94	23	NO			184.1	138.5
10	30	94	0	RL			168.3	138.6
10	30	94	1	RL			137.5	138.7
10	30	94	2	RL			43.8	138.6
10	30	94	3	RL			59.7	138.6
10	30	94	4	RL			60.1	138.5
10	30	94	5	RL			78.2	138.3
10	30	94	6	RL			93.5	138.3
10	30	94	7	RL			65.7	138.2
10	30	94	8	RL			33.6	138.1
10	30	94	9	NO			186.0	138.2
10	30	94	10	NO			171.8	138.3
10	30	94	11	NO			151.9	138.1
10	30	94	12	NO			165.1	138.0
10	30	94	13	MF			177.0	137.8
10	30	94	14	MF			331.2	138.1
10	30	94	15	MF			468.4	138.6
10	30	94	16	SS			44.8	138.4
10	30	94	18	RL/PF			41.0	138.3
10	30	94	19	RL/PF			6.9	138.3
10	30	94	20	RL/PF			3.3	138.2
10	30	94	21	RL			221.9	138.4
10	30	94	22	RL			523.5	139.1
10	30	94	23	RL			284.1	139.4
10	31	94	0	RL			55.0	139.4
10	31	94	1	RL			61.3	139.4
10	31	94	2	RL			84.1	139.5
10	31	94	3	RL			63.1	139.4
10	31	94	4	RL			56.8	139.4
10	31	94	5	RL			70.4	139.5
10	31	94	6	RL			47.7	139.4
10	31	94	7	RL/PF			185.3	139.5
10	31	94	8	RL/PF			65.4	139.5
10	31	94	9	RL/PF			14.5	139.4
10	31	94	10	RL/PF			0.8	139.2
10	31	94	11	RL/PF			0.5	139.1
10	31	94	12	RL/PF			0.6	138.8
10	31	94	13	RL/PF			0.6	138.6
10	31	94	14	RL/PF			64.6	138.6
10	31	94	15	RL			108.1	138.6
10	31	94	16	NO			83.7	138.2
10	31	94	17	NO			99.0	138.2
10	31	94	18	NO			286.3	138.4
10	31	94	19	NO			78.1	138.0
10	31	94	20	NO			207.0	137.6
10	31	94	21	NO			274.3	137.3
10	31	94	22	NO			138.2	136.8
10	31	94	23	RL			130.0	136.8
11	1	94	0	RL			84.5	136.6
11	1	94	1	RL			122.8	136.3
11	1	94	2	RL			150.6	135.8
11	1	94	3	RL			87.8	135.2
11	1	94	4	RL			83.9	134.9
11	1	94	5	RL			80.4	135.0
11	1	94	6	RL			116.1	135.0
11	1	94	7	RL/PF			9.4	134.8
11	1	94	8	RL/PF			0.7	134.6
11	1	94	17	RL/PF			45.1	134.6
11	1	94	18	RL			191.6	134.7
11	1	94	19	NO			120.2	134.8
11	1	94	20	NO			71.3	134.9
11	1	94	21	NO			61.2	134.5
11	1	94	22	NO			87.3	133.9
11	1	94	23	RL			103.1	133.5
11	2	94	0	RL			167.7	133.6
11	2	94	1	RL			262.5	133.9
11	2	94	2	MF			181.8	133.8
11	2	94	3	RL			277.2	134.0
11	2	94	4	RL			113.7	133.9
11	2	94	5	NO			115.7	133.7
11	2	94	6	NO			83.2	133.3
11	2	94	7	NO			104.9	133.1

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
11	2	94	8	NO			72.1	132.6
11	2	94	9	RL			183.8	132.6
11	2	94	10	RL			237.1	132.8
11	2	94	11	RL			198.7	132.7
11	2	94	12	RL			123.8	132.8
11	2	94	13	RL			240.8	133.0
11	2	94	14	RL/PF			243.4	133.3
11	2	94	15	RL/PF			67.1	133.3
11	2	94	16	MF			35.7	133.1
11	2	94	17	RL/PF			61.9	132.9
11	2	94	18	RL/PF			100.4	132.5
11	2	94	19	RL			51.8	132.1
11	2	94	20	RL			47.0	132.0
11	2	94	21	RL			58.0	132.0
11	2	94	22	RL			67.5	131.7
11	2	94	23	RL			66.8	131.3
11	3	94	0	RL			63.8	131.1
11	3	94	1	MF			107.7	131.1
11	3	94	2	RL			42.7	130.9
11	3	94	3	RL			39.3	130.7
11	3	94	4	MF			166.9	130.7
11	3	94	5	NO			93.6	130.8
11	3	94	6	NO			100.0	130.7
11	3	94	7	NO			73.6	130.7
11	3	94	8	NO			69.7	130.6
11	3	94	9	NO			67.4	130.4
11	3	94	10	NO			64.0	130.3
11	3	94	11	NO			61.3	130.3
11	3	94	12	NO			52.6	130.3
11	3	94	13	NO			54.6	130.0
11	3	94	14	NO			60.9	129.8
11	3	94	15	NO			54.2	129.6
11	3	94	16	NO			46.7	129.2
11	3	94	17	NO			55.3	128.9
11	3	94	18	NO			54.7	128.7
11	3	94	19	NO			48.5	128.4
11	3	94	20	NO			64.6	128.2
11	3	94	21	NO			107.5	128.2
11	3	94	22	NO			103.9	128.1
11	3	94	23	NO			78.8	128.1
11	4	94	0	RL			34.7	127.9
11	4	94	1	RL			47.6	127.8
11	4	94	2	RL			43.7	127.7
11	4	94	3	RL			43.2	127.7
11	4	94	4	NO			108.7	127.8
11	4	94	5	NO			71.0	127.5
11	4	94	6	NO			112.5	127.5
11	4	94	7	NO			220.0	127.6
11	4	94	8	NO			347.9	127.9
11	4	94	9	NO			135.9	128.0
11	4	94	10	NO			167.8	128.1
11	4	94	11	NO			129.8	128.1
11	4	94	12	NO			166.6	128.2
11	4	94	13	NO			205.9	128.3
11	4	94	14	NO			209.9	128.4
11	4	94	15	NO			293.2	128.6
11	4	94	16	NO			301.7	128.7
11	4	94	17	NO			338.8	129.0
11	4	94	18	NO			189.1	129.1
11	4	94	19	NO			130.6	129.1
11	4	94	20	NO			107.1	129.2
11	4	94	21	NO			147.8	129.3
11	4	94	22	NO			161.3	129.4
11	4	94	23	NO			109.7	129.4
11	5	94	0	NO			47.3	129.2
11	5	94	1	RL			62.7	129.2
11	5	94	2	RL			49.3	129.2
11	5	94	3	RL			54.5	129.1
11	5	94	4	NO			114.1	128.8
11	5	94	5	NO			78.8	128.7
11	5	94	6	NO			87.9	128.8
11	5	94	7	NO			137.9	128.9
11	5	94	8	NO			350.0	129.2
11	5	94	9	NO			135.1	129.2
11	5	94	10	NO			128.5	129.3
11	5	94	11	NO			118.9	129.2
11	5	94	12	NO			125.5	129.3
11	5	94	13	NO			130.0	129.2
11	5	94	14	NO			149.3	129.2
11	5	94	15	NO			118.2	129.1
11	5	94	16	NO			128.8	129.2
11	5	94	17	NO			124.9	129.2
11	5	94	18	SS			196.3	129.4

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
11	5	94	20	SS			194.7	129.5
11	5	94	21	SS			3.8	129.5
11	5	94	22	RL/PF			175.5	129.5
11	5	94	23	RL			84.7	129.5
11	6	94	0	RL			56.0	129.5
11	6	94	1	NO			55.1	129.4
11	6	94	2	NO			57.4	129.3
11	6	94	3	RL			84.7	129.3
11	6	94	4	NO			139.4	129.4
11	6	94	5	NO			132.6	129.5
11	6	94	6	NO			109.9	129.6
11	6	94	7	NO			149.0	129.7
11	6	94	8	NO			76.8	129.7
11	6	94	9	NO			88.1	129.6
11	6	94	10	NO			129.5	129.5
11	6	94	11	NO			77.9	128.9
11	6	94	12	NO			82.9	128.6
11	6	94	13	NO			77.2	128.5
11	6	94	14	NO			117.1	128.6
11	6	94	15	NO			79.8	128.6
11	6	94	16	NO			83.5	128.6
11	6	94	17	MF			68.6	128.6
11	6	94	20	SS			284.8	129.0
11	6	94	21	NO			195.4	129.1
11	6	94	22	NO			124.2	129.2
11	6	94	23	NO			82.7	129.1
11	7	94	0	RL			40.5	129.1
11	7	94	1	RL			33.2	129.1
11	7	94	2	RL			45.3	129.0
11	7	94	3	RL			84.0	129.0
11	7	94	4	NO			168.9	129.2
11	7	94	5	NO			156.6	129.1
11	7	94	6	NO			78.7	129.0
11	7	94	7	NO			139.7	129.1
11	7	94	8	RL			317.9	129.5
11	7	94	9	NO			73.9	129.5
11	7	94	10	RL			246.5	129.8
11	7	94	11	RL			315.9	130.2
11	7	94	12	RL			255.4	130.4
11	7	94	14	RL			206.6	130.6
11	7	94	15	RL			261.7	130.8
11	7	94	16	RL			217.4	131.0
11	7	94	17	RL			308.4	131.3
11	7	94	18	RL			249.4	131.6
11	7	94	19	RL			117.1	131.7
11	7	94	20	NO			308.6	132.0
11	7	94	21	NO			275.8	132.3
11	7	94	22	NO			103.1	132.4
11	7	94	23	RL			95.3	132.5
11	8	94	0	RL			83.6	132.5
11	8	94	1	RL			52.2	132.5
11	8	94	2	RL			81.3	132.5
11	8	94	3	RL			148.0	132.7
11	8	94	4	RL			68.7	132.7
11	8	94	5	RL			74.5	132.7
11	8	94	6	RL			238.2	133.0
11	8	94	7	RL			409.6	133.4
11	8	94	8	RL/PF			438.1	134.0
11	8	94	9	RL/PF			101.9	134.0
11	8	94	10	RL/PF			44.2	134.0
11	8	94	11	RL/PF			22.8	133.8
11	8	94	12	RL/PF			5.6	133.6
11	8	94	13	RL/PF			3.5	133.4
11	8	94	14	RL/PF			10.4	132.9
11	8	94	15	RL/PF			4.5	132.7
11	8	94	16	RL/PF			9.3	132.7
11	8	94	23	SS			1.2	132.7
11	9	94	0	RL/PF			74.4	132.7
11	9	94	1	MF			317.4	133.0
11	9	94	2	RL			294.0	133.2
11	9	94	3	RL			137.1	133.2
11	9	94	4	RL			83.0	133.1
11	9	94	5	NO			58.4	132.8
11	9	94	6	NO			73.0	132.7
11	9	94	7	NO			55.0	132.6
11	9	94	8	NO			66.7	132.6
11	9	94	9	NO			101.5	132.6
11	9	94	10	NO			50.4	132.6
11	9	94	11	NO			42.2	132.5
11	9	94	12	NO			47.1	132.5
11	9	94	13	NO			178.2	132.6
11	9	94	14	MF			174.5	132.8
11	9	94	15	RL			164.3	132.9

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
11	9	94	16	NO			73.1	132.8
11	9	94	17	NO			71.3	132.6
11	9	94	18	NO			77.9	132.1
11	9	94	19	RL			249.6	131.7
11	9	94	20	NO			91.4	131.6
11	9	94	21	NO			90.9	131.6
11	9	94	22	NO			58.8	131.4
11	9	94	23	RL			78.4	131.3
11	10	94	0	RL			78.3	131.2
11	10	94	1	RL			105.6	131.3
11	10	94	2	RL			76.0	131.3
11	10	94	3	RL			77.1	131.0
11	10	94	4	RL			84.6	131.0
11	10	94	5	RL			63.2	131.0
11	10	94	6	NO			128.1	130.8
11	10	94	7	NO			178.4	130.7
11	10	94	8	NO			166.7	130.8
11	10	94	9	MF			278.1	131.1
11	10	94	10	NO			94.3	131.1
11	10	94	11	NO			130.1	131.2
11	10	94	12	RL/PF			95.0	131.2
11	10	94	13	NO			71.2	130.9
11	10	94	14	NO			103.3	130.9
11	10	94	15	NO			128.8	130.9
11	10	94	16	NO			67.1	130.9
11	10	94	17	NO			156.3	130.9
11	10	94	18	RL			90.8	130.8
11	10	94	19	NO			85.1	130.7
11	10	94	20	NO			57.9	130.7
11	10	94	21	NO			50.6	130.7
11	10	94	22	NO			51.8	130.7
11	10	94	23	RL			89.4	130.7
11	11	94	0	RL			210.1	130.9
11	11	94	1	RL			141.8	131.1
11	11	94	2	RL			106.0	131.0
11	11	94	3	RL			154.2	131.1
11	11	94	4	RL			162.6	130.9
11	11	94	5	RL			75.4	131.1
11	11	94	6	NO			90.7	131.0
11	11	94	7	NO			242.0	131.0
11	11	94	8	NO			106.8	130.9
11	11	94	9	NO			68.9	130.8
11	11	94	10	NO			129.5	130.9
11	11	94	12	NO			193.4	131.0
11	11	94	13	NO			102.0	131.0
11	11	94	14	NO			64.8	131.1
11	11	94	15	NO			116.7	131.1
11	11	94	16	NO			152.8	131.1
11	11	94	17	MF			135.7	131.2
11	12	94	4	SS			1.2	131.0
11	12	94	5	RL/PF			2.0	130.9
11	12	94	6	RL/PF			0.3	130.8
11	12	94	7	RL/PF			97.4	130.8
11	12	94	8	RL			35.7	130.7
11	12	94	9	NO			167.8	130.9
11	12	94	10	NO			139.3	130.9
11	12	94	11	NO			92.5	130.9
11	12	94	12	NO			49.4	130.9
11	12	94	13	NO			81.0	130.9
11	12	94	14	NO			60.7	130.8
11	12	94	15	NO			90.4	130.6
11	12	94	16	NO			50.2	130.6
11	12	94	17	NO			108.7	130.2
11	12	94	18	NO			324.0	130.4
11	12	94	19	NO			221.2	130.5
11	12	94	20	NO			181.0	130.4
11	12	94	21	NO			163.3	130.5
11	12	94	22	RL			165.7	130.4
11	12	94	23	RL			297.1	130.7
11	13	94	0	RL			201.6	130.7
11	13	94	1	RL			216.6	130.7
11	13	94	2	RL			159.4	130.9
11	13	94	3	RL			196.2	131.2
11	13	94	4	RL			272.4	131.5
11	13	94	5	RL			95.6	131.7
11	13	94	6	NO			50.8	131.6
11	13	94	7	NO			72.4	131.5
11	13	94	8	NO			80.6	131.6
11	13	94	9	NO			106.8	131.6
11	13	94	10	RL			316.5	131.9
11	13	94	11	NO			209.8	132.0
11	13	94	12	NO			180.0	132.1
11	13	94	13	NO			296.9	131.8

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
11	13	94	14	NO			209.0	131.4
11	13	94	15	NO			89.4	131.3
11	13	94	16	NO			59.0	130.9
11	13	94	17	NO			70.0	130.8
11	13	94	18	NO			154.1	130.7
11	13	94	19	NO			66.7	130.0
11	13	94	20	NO			53.8	129.4
11	13	94	21	NO			125.4	128.8
11	13	94	22	MF			268.3	129.2
11	13	94	23	RL			407.8	129.6
11	14	94	0	RL			0.0	129.3
11	14	94	1	RL			0.0	129.0
11	14	94	5	RL			156.0	128.9
11	14	94	6	NO			80.4	128.2
11	14	94	7	NO			175.1	127.7
11	14	94	10	NO			257.2	128.0
11	14	94	11	NO			207.8	128.3
11	14	94	12	NO			111.4	128.4
11	14	94	13	NO			143.9	128.6
11	14	94	14	NO			265.8	129.0
11	14	94	15	NO			189.2	129.3
11	14	94	16	NO			181.1	129.5
11	14	94	17	NO			159.1	129.7
11	14	94	18	NO			66.8	129.8
11	14	94	19	NO			91.6	129.9
11	14	94	20	NO			114.7	130.1
11	14	94	21	NO			81.8	130.0
11	14	94	22	NO			209.1	130.2
11	14	94	23	RL			417.9	130.5
11	15	94	0	RL			418.5	130.5
11	15	94	1	RL			425.4	131.1
11	15	94	2	RL			419.2	131.4
11	15	94	3	RL			414.2	131.8
11	15	94	4	RL			428.2	132.2
11	15	94	5	RL			147.4	132.0
11	15	94	6	RL			57.5	131.6
11	15	94	7	RL			57.1	131.4
11	15	94	8	MF			272.0	131.5
11	15	94	9	RL			212.2	131.7
11	15	94	10	RL			236.9	131.8
11	15	94	17	RL/PF			280.0	132.0
11	15	94	18	NO			61.6	131.7
11	15	94	19	NO			96.9	131.4
11	15	94	20	NO			37.3	131.2
11	15	94	21	NO			53.2	131.0
11	15	94	22	NO			47.2	130.5
11	15	94	23	RL			344.2	131.0
11	16	94	0	MF			456.1	131.6
11	16	94	12	RL/PF			136.8	131.4
11	16	94	13	RL/PF			192.5	131.2
11	16	94	14	RL/PF			185.8	131.1
11	16	94	15	RL/PF			58.3	131.0
11	16	94	16	RL			61.1	131.0
11	16	94	17	NO			87.7	131.0
11	16	94	18	NO			46.4	130.9
11	16	94	19	NO			144.7	131.0
11	16	94	20	NO			100.4	131.1
11	16	94	21	NO			67.4	131.2
11	16	94	22	NO			74.0	131.3
11	16	94	23	RL			148.6	131.5
11	17	94	0	RL			124.8	131.7
11	17	94	1	RL			180.2	131.9
11	17	94	2	RL			134.4	132.1
11	17	94	3	RL			126.2	132.3
11	17	94	4	RL			156.5	132.5
11	17	94	5	MF			97.8	132.6
11	17	94	8	NO			138.3	132.5
11	17	94	9	NO			79.4	132.5
11	17	94	10	RL			63.0	132.5
11	17	94	11	RL			38.0	132.4
11	17	94	12	NO			61.6	132.2
11	17	94	14	NO			38.9	132.0
11	17	94	15	NO			50.8	131.8
11	17	94	16	NO			53.1	131.7
11	17	94	17	NO			99.8	131.7
11	17	94	18	NO			36.4	131.7
11	17	94	19	NO			78.3	131.7
11	17	94	20	NO			59.3	131.4
11	17	94	21	NO			93.1	131.2
11	17	94	22	NO			83.3	131.1
11	17	94	23	RL			301.9	131.2
11	18	94	0	RL			209.0	131.2
11	18	94	1	RL			155.6	131.4

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
11	18	94	2	RL/PF			192.9	131.6
11	18	94	3	RL/PF			178.0	131.8
11	18	94	4	RL/PF			88.3	131.8
11	18	94	5	NO			79.3	131.8
11	18	94	6	NO			170.8	131.9
11	18	94	7	RL			60.1	131.9
11	18	94	8	NO			74.7	131.9
11	18	94	9	NO			42.1	131.9
11	18	94	10	MF			65.0	131.8
11	18	94	11	SS			264.0	131.6
11	18	94	12	RL			236.8	131.7
11	18	94	13	NO			107.7	131.8
11	18	94	14	NO			68.5	131.8
11	18	94	15	NO			51.3	131.8
11	18	94	16	NO			128.9	131.8
11	18	94	17	NO			124.7	131.9
11	18	94	18	NO			61.2	131.9
11	18	94	19	NO			66.8	131.8
11	18	94	20	NO			69.1	131.8
11	18	94	21	NO			92.9	131.8
11	18	94	22	RL			248.7	132.0
11	18	94	23	RL			215.4	132.1
11	19	94	0	RL			206.8	132.4
11	19	94	1	RL			126.6	132.4
11	19	94	2	RL			83.7	132.5
11	19	94	3	RL			228.5	132.6
11	19	94	4	RL			186.6	132.7
11	19	94	5	RL			211.5	132.8
11	19	94	6	RL			630.6	133.5
11	19	94	7	NO			281.8	133.7
11	19	94	8	NO			70.4	133.7
11	19	94	9	MF			335.9	134.0
11	19	94	10	SS			326.8	134.0
11	19	94	11	RL			415.2	134.4
11	19	94	12	RL			70.3	134.3
11	19	94	13	RL			98.7	134.3
11	19	94	14	RL			170.3	134.3
11	19	94	15	NO			50.0	134.2
11	19	94	16	NO			154.9	134.2
11	19	94	17	NO			110.5	134.1
11	19	94	18	NO			73.9	134.1
11	19	94	19	NO			87.9	133.7
11	19	94	20	NO			100.4	133.8
11	19	94	21	NO			52.5	133.8
11	19	94	22	NO			71.1	133.8
11	19	94	23	RL			165.1	133.9
11	20	94	0	RL			227.5	134.2
11	20	94	1	RL			88.2	134.2
11	20	94	2	RL			101.8	134.2
11	20	94	3	RL			252.2	134.5
11	20	94	4	RL			106.7	134.5
11	20	94	5	NO			79.6	134.4
11	20	94	6	NO			92.8	134.3
11	20	94	7	RL			158.9	134.3
11	20	94	8	RL			105.9	134.2
11	20	94	9	RL			250.5	134.4
11	20	94	10	RL			197.2	134.5
11	20	94	11	NO			112.8	134.4
11	20	94	12	NO			119.2	134.3
11	20	94	13	NO			81.4	134.1
11	20	94	14	NO			232.9	134.3
11	20	94	15	NO			92.0	134.1
11	20	94	16	NO			93.8	134.0
11	20	94	17	NO			176.9	134.0
11	20	94	18	NO			130.0	134.0
11	20	94	19	NO			54.6	133.6
11	20	94	20	NO			55.7	133.2
11	20	94	21	NO			58.0	133.2
11	20	94	22	RL			119.9	133.0
11	20	94	23	RL			60.3	132.9
11	21	94	0	RL			79.4	132.8
11	21	94	1	RL			119.3	132.7
11	21	94	2	RL			170.3	132.7
11	21	94	3	RL			130.5	132.7
11	21	94	4	RL			80.3	132.6
11	21	94	5	NO			61.8	132.5
11	21	94	6	NO			79.2	132.5
11	21	94	7	NO			78.0	132.3
11	21	94	8	NO			52.3	132.2
11	21	94	9	NO			49.9	132.0
11	21	94	10	NO			53.3	131.9
11	21	94	11	NO			68.0	131.8
11	21	94	12	NO			56.8	131.9

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
11	21	94	13	NO			59.6	131.7
11	21	94	14	MF			210.9	131.8
11	21	94	15	RL			428.7	132.2
11	21	94	16	NO			88.4	132.2
11	21	94	17	NO			107.1	132.2
11	21	94	18	NO			91.9	132.1
11	21	94	19	NO			88.3	132.0
11	21	94	20	NO			61.5	131.9
11	21	94	21	NO			137.6	131.8
11	21	94	22	RL			104.7	131.6
11	21	94	23	RL			73.3	131.4
11	22	94	0	RL			100.3	131.2
11	22	94	1	RL			162.0	131.3
11	22	94	2	RL			105.8	131.1
11	22	94	3	RL			185.3	131.1
11	22	94	4	RL			89.1	131.1
11	22	94	5	RL			52.0	131.0
11	22	94	6	RL			59.0	130.9
11	22	94	7	RL			59.4	130.5
11	22	94	9	RL			175.1	130.4
11	22	94	10	RL			77.3	130.4
11	22	94	11	RL			56.5	130.4
11	22	94	12	RL			299.7	130.7
11	22	94	13	RL			155.0	130.7
11	22	94	14	RL			100.0	130.7
11	22	94	15	RL			95.0	130.7
11	22	94	16	RL			53.7	130.7
11	22	94	17	RL			80.3	130.7
11	22	94	18	RL			121.9	130.7
11	22	94	19	RL			115.8	130.7
11	22	94	20	RL			84.2	130.4
11	22	94	21	RL			101.9	130.3
11	22	94	22	RL			145.3	130.4
11	22	94	23	RL			259.3	130.6
11	23	94	0	RL			139.9	130.6
11	23	94	1	RL			117.7	130.5
11	23	94	2	RL			93.6	130.4
11	23	94	3	RL			90.1	130.4
11	23	94	4	RL			49.3	130.2
11	23	94	5	NO			31.4	130.0
11	23	94	6	NO			36.3	129.9
11	23	94	7	NO			47.6	129.8
11	23	94	8	NO			56.1	129.7
11	23	94	9	NO			40.7	129.6
11	23	94	10	NO			42.2	129.5
11	23	94	11	NO			38.7	129.5
11	23	94	12	NO			52.7	129.5
11	23	94	13	RL			330.9	129.9
11	23	94	14	RL			272.4	130.2
11	23	94	15	RL			158.7	130.3
11	23	94	16	NO			64.9	130.3
11	23	94	17	NO			29.4	130.3
11	23	94	18	RL			218.6	130.4
11	23	94	19	NO			30.3	130.2
11	23	94	20	NO			40.1	130.0
11	23	94	21	NO			100.4	130.0
11	23	94	22	RL			119.4	130.1
11	23	94	23	RL			348.0	130.4
11	24	94	0	RL			291.7	130.6
11	24	94	1	RL			271.7	130.9
11	24	94	2	RL			279.1	131.1
11	24	94	3	RL			261.8	131.1
11	24	94	4	RL			167.9	131.2
11	24	94	5	NO			41.8	131.0
11	24	94	6	NO			49.8	130.8
11	24	94	7	NO			62.3	130.7
11	24	94	8	NO			74.6	130.7
11	24	94	9	NO			91.8	130.7
11	24	94	10	NO			150.3	130.8
11	24	94	11	RL			113.6	130.9
11	24	94	12	RL			277.5	131.2
11	24	94	13	RL			193.5	131.3
11	24	94	14	RL			115.4	131.4
11	24	94	15	RL			193.0	131.5
11	24	94	16	RL			120.6	131.6
11	24	94	17	NO			72.9	131.2
11	24	94	18	RL			197.1	131.4
11	24	94	19	RL			181.0	131.5
11	24	94	20	RL			75.1	131.4
11	24	94	21	NO			47.3	131.2
11	24	94	22	RL			90.3	131.1
11	24	94	23	RL			205.5	131.0
11	25	94	0	RL			156.4	130.9

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
11	25	94	1	RL			182.9	130.8
11	25	94	2	RL			56.1	130.7
11	25	94	3	RL			76.0	130.7
11	25	94	4	RL			132.3	130.8
11	25	94	5	RL			49.2	130.6
11	25	94	6	NO			73.8	130.3
11	25	94	7	NO			68.0	129.9
11	25	94	8	RL			121.3	129.9
11	25	94	9	RL			167.8	130.1
11	25	94	10	RL			70.1	130.1
11	25	94	11	RL			208.5	130.3
11	25	94	12	RL			266.9	130.4
11	25	94	13	RL			213.3	130.6
11	25	94	14	RL			139.5	130.7
11	25	94	15	NO			91.9	130.7
11	25	94	16	NO			79.3	130.8
11	25	94	17	NO			122.9	130.8
11	25	94	18	RL			127.9	130.8
11	25	94	19	RL			66.5	130.8
11	25	94	20	RL			82.4	130.8
11	25	94	21	RL			77.6	130.8
11	25	94	22	RL			36.3	130.6
11	25	94	23	RL			95.1	130.5
11	26	94	0	RL			198.0	130.6
11	26	94	1	RL			166.2	130.5
11	26	94	2	RL			127.3	130.6
11	26	94	3	RL			52.3	130.4
11	26	94	4	RL			81.6	130.4
11	26	94	5	RL			44.3	130.2
11	26	94	6	NO			105.6	130.0
11	26	94	7	NO			190.2	129.8
11	26	94	8	RL			217.7	129.8
11	26	94	9	NO			98.2	129.8
11	26	94	10	NO			80.4	129.7
11	26	94	11	NO			75.5	129.7
11	26	94	12	NO			83.0	129.6
11	26	94	13	NO			69.0	129.6
11	26	94	14	NO			69.6	129.5
11	26	94	15	NO			74.4	129.3
11	26	94	16	NO			66.7	129.3
11	26	94	17	NO			75.8	129.3
11	26	94	18	NO			60.5	129.2
11	26	94	19	NO			47.6	129.0
11	26	94	20	NO			44.8	128.9
11	26	94	21	NO			99.8	129.0
11	26	94	22	NO			78.4	128.9
11	26	94	23	RL			128.6	128.9
11	27	94	0	RL			35.1	128.7
11	27	94	1	RL			59.9	128.4
11	27	94	2	RL			45.4	128.2
11	27	94	3	RL			52.6	128.0
11	27	94	4	RL			51.5	127.8
11	27	94	5	RL			34.4	127.6
11	27	94	6	NO			94.8	127.5
11	27	94	7	NO			165.5	127.6
11	27	94	8	RL			428.5	127.9
11	27	94	9	NO			104.3	127.7
11	27	94	10	NO			73.4	127.6
11	27	94	11	NO			54.4	127.5
11	27	94	12	NO			49.6	127.3
11	27	94	13	NO			71.5	127.2
11	27	94	14	NO			58.8	127.1
11	27	94	15	NO			74.2	127.1
11	27	94	16	NO			67.5	127.1
11	27	94	17	NO			145.2	127.0
11	27	94	18	NO			57.2	127.0
11	27	94	19	NO			57.5	126.9
11	27	94	20	NO			55.4	126.7
11	27	94	21	NO			56.7	126.6
11	27	94	22	RL			150.5	126.6
11	27	94	23	RL			280.9	126.8
11	28	94	0	RL			361.4	127.1
11	28	94	1	RL			157.4	127.2
11	28	94	2	RL			295.8	127.5
11	28	94	3	RL			190.3	127.5
11	28	94	4	RL			209.3	127.7
11	28	94	5	RL			121.1	127.8
11	28	94	6	MF			281.2	128.1
11	28	94	7	RL			258.8	128.3
11	28	94	8	RL			45.7	128.3
11	28	94	9	RL			89.3	128.3
11	28	94	10	RL			64.9	128.2
11	28	94	11	RL			107.4	128.3

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
11	28	94	12	SS			89.2	128.3
11	28	94	17	RL			296.4	128.6
11	28	94	18	RL			48.4	128.5
11	28	94	19	RL			75.2	128.4
11	28	94	20	NO			103.6	128.5
11	28	94	21	NO			57.1	128.4
11	28	94	22	NO			68.9	128.4
11	28	94	23	RL			93.1	128.4
11	29	94	0	RL			227.7	128.6
11	29	94	1	RL			211.0	128.8
11	29	94	2	RL			234.7	129.0
11	29	94	3	RL			80.9	129.0
11	29	94	4	RL			208.0	129.1
11	29	94	5	RL			162.8	129.2
11	29	94	6	NO			65.9	129.2
11	29	94	7	NO			53.6	128.9
11	29	94	8	NO			104.1	128.6
11	29	94	9	NO			142.4	128.3
11	29	94	10	MF			289.5	128.3
11	29	94	11	RL			277.7	128.5
11	29	94	12	NO			34.1	128.2
11	29	94	13	NO			74.1	128.0
11	29	94	14	NO			59.8	127.9
11	29	94	15	RL			275.5	128.1
11	29	94	16	RL			53.1	128.0
11	29	94	17	NO			44.0	127.9
11	29	94	18	NO			76.0	127.9
11	29	94	19	RL			60.5	127.9
11	29	94	20	NO			38.9	127.9
11	29	94	21	NO			66.3	127.8
11	29	94	22	RL			82.3	127.7
11	29	94	23	RL			90.4	127.7
11	30	94	0	RL			103.7	127.7
11	30	94	1	RL			79.0	127.7
11	30	94	2	RL			65.6	127.6
11	30	94	3	RL			86.5	127.7
11	30	94	4	RL			139.7	127.3
11	30	94	5	RL			87.6	127.0
11	30	94	6	NO			36.4	126.6
11	30	94	7	NO			41.8	126.4
11	30	94	8	NO			179.7	126.4
11	30	94	9	NO			54.8	126.1
11	30	94	10	NO			138.1	126.0
11	30	94	12	NO			84.4	125.9
11	30	94	13	NO			52.9	125.9
11	30	94	14	NO			30.4	125.8
11	30	94	15	NO			29.7	125.8
11	30	94	16	NO			22.5	125.6
11	30	94	17	NO			34.6	125.5
11	30	94	18	NO			39.4	125.4
11	30	94	19	NO			36.9	125.4
11	30	94	20	NO			46.5	125.4
11	30	94	21	NO			51.2	125.2
11	30	94	22	NO			56.1	125.1
11	30	94	23	RL			99.0	125.1
12	1	94	0	RL			69.0	124.9
12	1	94	1	RL			63.7	124.8
12	1	94	2	RL			71.8	124.7
12	1	94	3	RL			69.1	124.7
12	1	94	4	RL			45.3	124.6
12	1	94	5	NO			43.6	124.5
12	1	94	6	NO			52.0	124.4
12	1	94	8	RL			60.7	124.3
12	1	94	9	RL			60.8	124.3
12	1	94	10	NO			68.7	124.2
12	1	94	11	NO			127.9	124.2
12	1	94	12	NO			85.8	124.0
12	1	94	13	RL/PF			264.8	124.1
12	1	94	14	RL			49.5	124.0
12	1	94	15	RL			65.6	123.9
12	1	94	16	RL			64.2	123.9
12	1	94	17	NO			51.3	123.9
12	1	94	18	NO			48.2	123.9
12	1	94	19	NO			44.2	123.8
12	1	94	20	NO			43.1	123.8
12	1	94	21	NO			59.3	123.8
12	1	94	22	RL			62.4	123.8
12	1	94	23	RL			37.1	123.6
12	2	94	0	RL			35.0	123.4
12	2	94	1	RL			60.0	123.3
12	2	94	2	RL			125.5	123.2
12	2	94	3	RL			378.7	123.5
12	2	94	4	RL			412.3	123.6

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
12	2	94	5	RL			222.3	123.3
12	2	94	6	NO			39.9	123.3
12	2	94	7	RL			364.3	123.7
12	2	94	8	RL/PF			159.2	123.9
12	2	94	9	RL/PF			99.8	124.1
12	2	94	10	RL/PF			102.8	123.9
12	2	94	11	RL/PF			61.8	123.2
12	2	94	12	RL			31.0	122.9
12	2	94	13	NO			28.8	122.9
12	2	94	14	NO			45.6	122.8
12	2	94	15	RL			64.4	122.8
12	2	94	16	NO			79.7	122.8
12	2	94	17	NO			47.9	122.8
12	2	94	18	NO			52.5	122.8
12	2	94	19	NO			82.0	122.8
12	2	94	20	RL			301.9	123.0
12	2	94	21	NO			100.5	123.1
12	2	94	22	NO			108.7	123.2
12	2	94	23	RL			137.6	123.4
12	3	94	0	RL			65.1	123.5
12	3	94	1	RL			113.5	123.6
12	3	94	2	RL			71.5	123.7
12	3	94	3	RL			86.7	123.7
12	3	94	4	RL			60.9	123.7
12	3	94	5	NO			43.9	123.6
12	3	94	6	RL			137.7	123.7
12	3	94	7	RL			100.5	123.4
12	3	94	8	RL/PF			195.5	123.6
12	3	94	9	RL/PF			198.1	123.6
12	3	94	10	RL			63.6	123.3
12	3	94	11	NO			44.3	123.2
12	3	94	12	RL			124.0	123.1
12	3	94	13	RL/PF			170.4	123.3
12	3	94	14	RL/PF			36.0	123.1
12	3	94	15	RL/PF			13.8	123.0
12	3	94	16	SS			1.4	122.8
12	3	94	21	SS			424.6	123.3
12	3	94	22	RL/PF			265.0	123.6
12	3	94	23	RL/PF			94.2	123.5
12	4	94	0	RL			125.3	123.7
12	4	94	1	RL			172.2	123.9
12	4	94	2	RL			160.4	124.1
12	4	94	3	RL			59.5	123.9
12	4	94	4	NO			48.2	123.8
12	4	94	5	NO			71.4	123.8
12	4	94	6	NO			41.6	123.8
12	4	94	7	NO			36.2	123.7
12	4	94	8	NO			35.2	123.6
12	4	94	9	NO			29.4	123.4
12	4	94	10	NO			36.3	123.1
12	4	94	11	NO			30.4	122.9
12	4	94	12	NO			31.2	122.6
12	4	94	13	NO			30.2	122.4
12	4	94	14	NO			35.8	122.3
12	4	94	15	NO			34.5	122.3
12	4	94	16	NO			32.7	122.2
12	4	94	17	RL			37.2	122.1
12	4	94	18	RL			57.2	121.9
12	4	94	19	RL			49.2	121.7
12	4	94	20	RL			105.6	121.5
12	4	94	21	RL			563.2	122.2
12	4	94	22	RL			160.9	122.0
12	4	94	23	RL			26.5	121.7
12	5	94	0	RL			31.8	121.7
12	5	94	1	RL			41.5	121.7
12	5	94	2	RL			51.1	121.7
12	5	94	3	RL			60.2	121.6
12	5	94	4	NO			105.3	121.7
12	5	94	5	NO			47.8	121.7
12	5	94	6	NO			50.9	121.7
12	5	94	7	NO			35.9	121.7
12	5	94	8	NO			41.7	121.6
12	5	94	9	NO			34.7	121.6
12	5	94	10	NO			33.3	121.5
12	5	94	11	NO			34.9	121.5
12	5	94	12	NO			38.8	121.5
12	5	94	13	NO			57.7	121.3
12	5	94	14	NO			35.0	121.2
12	5	94	15	NO			47.5	121.2
12	5	94	16	NO			37.3	121.1
12	5	94	17	NO			50.0	121.1
12	5	94	18	NO			66.1	121.1
12	5	94	19	NO			86.6	121.1

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
12	5	94	20	NO			56.0	121.1
12	5	94	21	NO			50.8	121.1
12	5	94	22	RL			112.6	121.2
12	5	94	23	RL			163.5	121.3
12	6	94	0	RL			105.0	121.4
12	6	94	1	RL			121.6	121.5
12	6	94	2	RL			62.6	121.5
12	6	94	3	RL			99.4	121.6
12	6	94	4	NO			56.5	121.6
12	6	94	5	NO			84.2	121.6
12	6	94	6	NO			150.3	121.7
12	6	94	7	NO			45.6	121.6
12	6	94	8	NO			42.7	121.5
12	6	94	9	NO			37.2	121.5
12	6	94	10	NO			37.0	121.5
12	6	94	11	MF			146.3	121.7
12	6	94	12	RL			387.8	122.1
12	6	94	13	RL			115.3	122.2
12	6	94	14	NO			30.9	122.1
12	6	94	15	NO			70.1	122.0
12	6	94	16	RL			63.0	121.8
12	6	94	17	NO			232.3	121.7
12	6	94	18	NO			26.1	121.5
12	6	94	19	NO			35.7	121.3
12	6	94	20	NO			47.8	121.2
12	6	94	21	NO			82.7	121.1
12	6	94	22	MF			112.9	121.0
12	6	94	23	RL			135.5	120.9
12	7	94	0	RL			52.9	120.5
12	7	94	1	RL			40.5	120.2
12	7	94	2	RL			32.6	119.7
12	7	94	3	RL			62.2	119.6
12	7	94	4	RL			40.4	119.4
12	7	94	5	NO			221.1	119.6
12	7	94	6	MF			118.9	119.6
12	7	94	7	NO			204.4	119.6
12	7	94	8	NO			75.8	119.6
12	7	94	11	RL			100.9	119.6
12	7	94	12	RL			340.1	120.0
12	7	94	13	RL			490.4	120.6
12	7	94	14	MF			147.7	120.8
12	7	94	15	MF			270.9	121.0
12	7	94	16	SS			323.5	121.3
12	7	94	17	RL			318.1	121.6
12	7	94	18	NO			313.4	121.9
12	7	94	19	NO			44.5	121.5
12	7	94	20	NO			29.4	121.3
12	7	94	21	NO			30.1	121.2
12	7	94	22	RL			254.6	121.4
12	7	94	23	RL			176.0	121.4
12	8	94	0	RL			68.3	121.4
12	8	94	1	RL			124.1	121.3
12	8	94	2	RL			189.9	121.4
12	8	94	3	RL			173.9	121.5
12	8	94	4	RL			225.8	121.6
12	8	94	5	NO			42.3	121.4
12	8	94	6	NO			29.4	121.2
12	8	94	7	NO			33.7	121.2
12	8	94	8	NO			46.4	121.0
12	8	94	9	RL			110.7	121.1
12	8	94	10	RL			469.5	121.7
12	8	94	11	RL			459.5	122.2
12	8	94	12	RL			141.4	122.3
12	8	94	13	RL			194.5	122.5
12	8	94	14	RL			78.9	122.4
12	8	94	15	RL			77.2	122.3
12	8	94	16	RL			126.3	122.3
12	8	94	17	RL			59.2	122.2
12	8	94	18	NO			65.6	122.2
12	8	94	19	NO			165.3	122.3
12	8	94	20	NO			40.2	122.2
12	8	94	21	NO			34.8	122.1
12	8	94	22	RL/PF			76.5	122.1
12	8	94	23	RL			56.1	122.1
12	9	94	0	RL			145.0	122.1
12	9	94	1	RL			303.7	122.4
12	9	94	2	RL			207.9	122.6
12	9	94	3	RL			223.0	122.8
12	9	94	4	RL			187.0	122.7
12	9	94	5	NO			43.7	122.5
12	9	94	6	RL			49.5	122.4
12	9	94	7	NO			25.4	122.3
12	9	94	8	RL			29.5	122.3

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
12	9	94	9	RL			33.9	122.3
12	9	94	10	RL			27.7	122.3
12	9	94	11	NO			134.7	122.3
12	9	94	12	RL			18.6	122.1
12	9	94	13	RL			26.0	121.9
12	9	94	14	RL			32.6	121.9
12	9	94	15	RL			96.5	121.8
12	9	94	16	RL			52.5	121.4
12	9	94	17	RL			46.4	121.4
12	9	94	18	RL			56.8	121.1
12	9	94	19	RL			24.0	120.7
12	9	94	20	RL			28.0	120.4
12	9	94	21	RL			31.0	120.2
12	9	94	22	RL			50.0	119.9
12	9	94	23	RL			183.4	119.8
12	10	94	0	RL			219.2	119.7
12	10	94	1	RL			140.3	119.6
12	10	94	2	RL			160.3	119.6
12	10	94	3	RL			247.1	119.5
12	10	94	4	RL			154.2	119.4
12	10	94	5	RL			166.0	119.5
12	10	94	6	RL			35.7	119.4
12	10	94	7	RL			30.7	119.3
12	10	94	8	RL			201.4	119.5
12	10	94	9	RL			93.6	119.5
12	10	94	10	NO			37.3	119.4
12	10	94	11	NO			37.9	119.3
12	10	94	12	NO			34.9	119.3
12	10	94	13	RL			41.7	119.0
12	10	94	14	RL			30.2	118.5
12	10	94	15	RL			31.8	117.9
12	10	94	16	RL			32.6	117.8
12	10	94	17	NO			33.4	117.8
12	10	94	18	MF			58.0	117.8
12	10	94	19	RL			347.3	118.3
12	10	94	20	RL			156.8	118.5
12	10	94	21	RL			15.5	118.5
12	10	94	22	RL			26.6	118.6
12	10	94	23	RL			123.0	118.7
12	11	94	0	RL/PF			138.5	118.9
12	11	94	1	RL/PF			82.0	118.9
12	11	94	2	RL/PF			122.0	118.7
12	11	94	3	RL/PF			185.4	118.5
12	11	94	4	RL/PF			120.8	118.5
12	11	94	5	RL/PF			62.5	118.5
12	11	94	6	NO			21.7	118.4
12	11	94	7	NO			24.8	118.3
12	11	94	8	RL			44.7	118.3
12	11	94	9	RL			58.4	118.3
12	11	94	10	RL			45.0	118.2
12	11	94	11	RL			61.2	118.3
12	11	94	12	RL			42.5	118.3
12	11	94	13	RL			123.5	118.4
12	11	94	14	RL			286.4	118.5
12	11	94	15	RL			86.7	118.4
12	11	94	16	RL			42.9	118.2
12	11	94	17	RL			30.1	118.2
12	11	94	18	RL			38.9	118.1
12	11	94	19	RL			54.8	118.1
12	11	94	20	RL			26.0	117.8
12	11	94	21	RL			22.4	117.7
12	11	94	22	RL			35.4	117.6
12	11	94	23	RL			47.7	117.6
12	12	94	0	RL			88.3	117.6
12	12	94	1	RL			95.8	117.6
12	12	94	2	RL			257.2	117.8
12	12	94	3	RL			247.3	118.1
12	12	94	4	RL			198.9	118.2
12	12	94	5	RL			133.1	118.3
12	12	94	6	RL			32.3	118.3
12	12	94	7	RL			28.1	118.1
12	12	94	8	RL			28.4	117.9
12	12	94	9	RL			40.4	117.7
12	12	94	10	RL			31.7	117.4
12	12	94	11	RL			34.8	117.3
12	12	94	12	RL			43.2	117.2
12	12	94	13	RL			33.2	117.1
12	12	94	14	RL			34.4	117.1
12	12	94	15	RL			85.9	117.0
12	12	94	16	RL			53.2	116.9
12	12	94	17	RL			56.4	116.9
12	12	94	18	RL			79.3	116.8
12	12	94	19	RL			315.0	117.1

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
12	12	94	20	RL			81.9	117.1
12	12	94	21	RL			76.0	117.1
12	12	94	22	RL			60.3	117.2
12	12	94	23	RL			80.5	117.2
12	13	94	0	RL			88.2	117.2
12	13	94	1	RL			85.5	117.0
12	13	94	2	RL			71.9	116.9
12	13	94	3	RL			53.3	116.8
12	13	94	4	RL			67.0	116.7
12	13	94	5	RL			53.0	116.6
12	13	94	6	NO			21.0	116.5
12	13	94	7	RL			30.1	116.4
12	13	94	8	RL			36.7	116.1
12	13	94	9	RL			45.5	116.0
12	13	94	10	RL			65.6	116.0
12	13	94	11	RL			54.3	115.9
12	13	94	12	RL			45.1	115.7
12	13	94	13	NO			42.8	115.6
12	13	94	14	NO			41.8	115.6
12	13	94	15	NO			35.6	115.5
12	13	94	16	NO			34.9	115.3
12	13	94	17	NO			48.7	115.2
12	13	94	18	NO			43.9	115.3
12	13	94	19	NO			33.6	115.3
12	13	94	20	NO			31.6	115.4
12	13	94	21	NO			26.8	115.3
12	13	94	22	RL			36.4	115.3
12	13	94	23	RL			109.9	115.2
12	14	94	0	RL			128.4	115.2
12	14	94	1	RL			205.0	115.3
12	14	94	2	RL			203.7	115.5
12	14	94	3	RL			159.4	115.7
12	14	94	4	RL			155.3	115.8
12	14	94	5	RL			67.5	115.8
12	14	94	6	NO			44.3	115.7
12	14	94	7	NO			29.4	115.6
12	14	94	8	NO			30.1	115.2
12	14	94	9	NO			44.2	115.0
12	14	94	10	RL			213.9	115.0
12	14	94	11	RL			433.8	115.4
12	14	94	12	RL			141.6	115.4
12	14	94	13	RL			48.7	115.0
12	14	94	14	RL			42.0	114.8
12	14	94	15	RL			45.8	114.6
12	14	94	16	RL			52.5	114.4
12	14	94	17	RL			175.9	114.4
12	14	94	18	RL			190.4	114.3
12	14	94	19	RL			131.6	114.3
12	14	94	20	RL			116.6	114.4
12	14	94	21	RL			306.2	114.7
12	14	94	22	RL			53.1	114.7
12	14	94	23	RL			130.7	114.7
12	15	94	0	RL			106.9	114.4
12	15	94	1	RL			292.4	114.6
12	15	94	2	RL			208.6	114.6
12	15	94	3	RL			101.4	114.3
12	15	94	4	RL			117.4	114.2
12	15	94	5	RL			24.2	114.1
12	15	94	6	NO			49.0	114.1
12	15	94	7	RL			31.9	114.0
12	15	94	8	RL			58.7	113.9
12	15	94	9	NO			58.0	113.9
12	15	94	10	RL			102.4	114.0
12	15	94	11	RL			77.5	113.9
12	15	94	12	RL			129.9	113.7
12	15	94	13	RL			306.5	113.6
12	15	94	14	RL			391.4	114.1
12	15	94	15	RL			238.6	114.4
12	15	94	16	RL			448.9	114.8
12	15	94	17	RL			452.8	115.4
12	15	94	18	RL			502.5	115.8
12	15	94	19	RL			242.0	115.8
12	15	94	20	MF			375.6	116.0
12	15	94	21	RL			78.1	116.0
12	15	94	22	RL			358.0	116.3
12	15	94	23	RL			411.6	116.5
12	16	94	0	RL			107.8	116.4
12	16	94	1	RL			45.3	116.2
12	16	94	2	RL			51.8	116.0
12	16	94	3	RL			101.4	116.1
12	16	94	4	RL			39.1	116.0
12	16	94	5	RL			145.4	116.1
12	16	94	6	RL			56.1	116.0

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
12	16	94	7	RL			457.8	116.4
12	16	94	8	RL			508.6	116.5
12	16	94	9	RL			469.6	116.6
12	16	94	10	RL			420.9	116.6
12	16	94	11	RL			443.3	116.6
12	16	94	12	RL			364.9	116.5
12	16	94	13	RL			335.4	116.4
12	16	94	14	RL			29.2	116.2
12	16	94	15	RL			188.5	116.4
12	16	94	16	RL			408.3	116.9
12	16	94	17	RL			496.0	117.2
12	16	94	18	RL			510.6	117.6
12	16	94	19	RL/PF			602.2	118.1
12	16	94	20	RL/PF			222.1	118.0
12	16	94	21	RL/PF			82.9	118.1
12	16	94	22	NO/PF			15:4	118.0
12	16	94	23	NO/PF			26.9	117.9
12	17	94	0	RL			232.7	118.2
12	17	94	1	RL			383.1	118.7
12	17	94	2	RL			421.7	118.8
12	17	94	3	RL			316.7	118.6
12	17	94	4	RL			78.7	118.5
12	17	94	5	RL			107.7	118.4
12	17	94	6	RL			58.5	118.2
12	17	94	7	RL			37.2	118.2
12	17	94	8	RL			80.4	118.2
12	17	94	9	RL			122.0	118.2
12	17	94	10	RL			95.5	118.3
12	17	94	11	RL			120.3	118.3
12	17	94	12	RL			197.5	118.4
12	17	94	13	RL			337.9	118.8
12	17	94	14	RL			225.3	119.0
12	17	94	15	RL			250.3	119.1
12	17	94	16	RL			293.9	119.4
12	17	94	17	RL			188.4	119.4
12	17	94	18	RL			114.3	119.4
12	17	94	19	RL			24.9	119.2
12	17	94	20	RL			23.5	119.0
12	17	94	21	RL			23.1	118.9
12	17	94	22	RL			24.9	118.8
12	17	94	23	RL			179.0	118.9
12	18	94	0	RL			317.9	119.3
12	18	94	1	RL			194.7	119.5
12	18	94	2	RL			374.5	119.9
12	18	94	3	RL			318.3	120.3
12	18	94	4	RL			465.5	120.9
12	18	94	5	RL			421.0	121.4
12	18	94	6	RL			178.8	121.5
12	18	94	7	RL			156.0	121.7
12	18	94	8	RL			117.3	121.7
12	18	94	9	RL			405.6	122.2
12	18	94	10	RL			346.5	122.6
12	18	94	11	RL			125.7	122.6
12	18	94	12	RL			65.6	122.3
12	18	94	13	RL			66.0	122.1
12	18	94	14	RL			66.5	122.0
12	18	94	15	RL			63.2	121.8
12	18	94	16	RL			89.3	121.7
12	18	94	17	RL			84.6	121.7
12	18	94	18	RL			63.2	121.6
12	18	94	19	RL			216.2	121.7
12	18	94	20	RL			393.2	122.2
12	18	94	21	RL			197.8	122.3
12	18	94	22	RL			53.4	122.3
12	18	94	23	SS			156.4	122.5
12	19	94	22	SS			2.0	122.1
12	19	94	23	RL/PF			16.2	121.8
12	20	94	0	RL/PF			14.2	121.7
12	20	94	1	RL			14.3	121.6
12	20	94	2	RL			45.3	121.6
12	20	94	3	RL			202.1	121.7
12	20	94	4	RL			64.9	121.6
12	20	94	5	NO			114.0	121.7
12	20	94	6	NO			42.1	121.6
12	20	94	7	NO			59.7	121.6
12	20	94	8	NO			53.2	121.6
12	20	94	9	NO			107.9	121.4
12	20	94	10	NO			67.7	121.2
12	20	94	11	NO			81.7	121.0
12	20	94	12	NO			75.0	120.9
12	20	94	13	NO			45.8	120.9
12	20	94	14	NO			123.1	120.7
12	20	94	15	NO			63.5	120.6

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
12	20	94	16	MF			141.9	120.5
12	20	94	17	RL			191.0	119.9
12	20	94	18	RL			181.7	119.7
12	20	94	19	NO			194.1	119.9
12	20	94	20	NO			53.6	119.5
12	20	94	21	RL			233.2	119.4
12	20	94	22	RL			183.8	119.0
12	20	94	23	RL			298.1	119.4
12	21	94	0	RL			291.8	119.6
12	21	94	1	RL			348.1	119.9
12	21	94	2	RL			261.5	120.2
12	21	94	3	RL			32.5	120.0
12	21	94	4	RL			94.9	120.0
12	21	94	5	NO			222.2	120.2
12	21	94	6	MF			390.6	120.6
12	21	94	7	RL/PF			68.0	120.6
12	21	94	8	RL/PF			175.7	120.7
12	21	94	9	NO			186.0	120.9
12	21	94	10	NO			149.1	120.9
12	21	94	11	NO			182.8	120.8
12	21	94	12	NO			157.1	120.9
12	21	94	15	NO			160.2	121.0
12	21	94	16	NO			72.2	120.7
12	21	94	17	NO			74.9	120.7
12	21	94	18	NO			67.3	120.7
12	21	94	19	NO			86.0	120.7
12	21	94	20	NO			66.9	120.5
12	21	94	21	NO			80.1	120.5
12	21	94	22	RL			106.6	120.3
12	21	94	23	RL			116.3	120.2
12	22	94	0	RL			47.6	120.1
12	22	94	1	SS			387.4	120.5
12	22	94	10	SS			1.2	120.4
12	22	94	11	RL/PF			66.9	120.1
12	22	94	12	NO			253.4	120.4
12	22	94	13	NO			84.4	120.3
12	22	94	14	NO			159.6	120.3
12	22	94	15	NO			264.3	120.5
12	22	94	16	NO			122.8	120.6
12	22	94	17	NO			380.5	121.0
12	22	94	18	NO			310.2	121.4
12	22	94	19	NO			570.2	122.0
12	22	94	20	MF			280.5	122.3
12	22	94	21	RL			344.9	122.7
12	22	94	22	RL			125.3	122.7
12	22	94	23	RL			166.7	122.7
12	23	94	0	RL			106.2	122.7
12	23	94	1	RL			54.7	122.6
12	23	94	2	RL			46.4	122.6
12	23	94	3	RL			93.0	122.6
12	23	94	4	RL			116.7	122.7
12	23	94	5	RL/PF			231.2	122.9
12	23	94	6	RL/PF			69.4	123.0
12	23	94	7	NO			139.8	123.1
12	23	94	8	NO			59.9	123.1
12	23	94	9	RL			109.5	123.1
12	23	94	10	RL			244.4	123.4
12	23	94	11	NO			194.2	123.4
12	23	94	12	NO			51.3	122.8
12	23	94	13	NO			77.2	122.8
12	23	94	14	NO			81.3	122.8
12	23	94	15	RL			71.3	122.8
12	23	94	16	NO			145.2	122.8
12	23	94	17	RL			155.6	123.0
12	23	94	18	NO			110.7	122.9
12	23	94	19	RL			219.1	123.1
12	23	94	20	NO			230.9	123.3
12	23	94	21	NO			58.5	123.3
12	23	94	22	RL			193.1	123.3
12	23	94	23	RL			91.1	123.3
12	24	94	0	RL			115.5	123.2
12	24	94	1	RL			67.1	123.2
12	24	94	2	RL			82.8	123.2
12	24	94	3	RL			174.0	123.4
12	24	94	4	RL			97.5	123.4
12	24	94	5	RL			260.8	123.5
12	24	94	6	NO			86.3	123.5
12	24	94	7	NO			53.4	123.5
12	24	94	8	NO			51.3	123.2
12	24	94	9	NO			64.3	123.1
12	24	94	10	NO			80.6	123.0
12	24	94	11	NO			466.9	123.6
12	24	94	12	NO			359.1	124.0

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
12	24	94	13	NO			179.6	124.1
12	24	94	14	NO			142.9	124.1
12	24	94	15	NO			166.9	124.2
12	24	94	16	NO			159.3	124.3
12	24	94	17	NO			62.3	124.3
12	24	94	18	NO			236.6	124.4
12	24	94	19	NO			467.8	124.7
12	24	94	20	NO			246.1	124.8
12	24	94	21	NO			395.8	125.2
12	24	94	22	RL			80.5	125.2
12	24	94	23	RL			51.3	125.1
12	25	94	0	RL			88.6	125.2
12	25	94	1	RL			167.7	125.4
12	25	94	2	RL			516.0	126.1
12	25	94	3	RL/PF			473.0	126.6
12	25	94	4	RL			315.8	127.0
12	25	94	5	NO			86.2	127.1
12	25	94	6	RL			76.8	127.1
12	25	94	7	RL			110.4	127.2
12	25	94	8	RL			47.1	127.2
12	25	94	9	RL			43.6	126.8
12	25	94	10	RL			55.8	126.5
12	25	94	11	RL			62.3	126.4
12	25	94	12	RL			318.2	126.7
12	25	94	13	RL			75.8	126.8
12	25	94	14	RL			113.6	126.6
12	25	94	15	RL			48.8	126.7
12	25	94	16	RL			102.9	126.8
12	25	94	17	NO			176.2	126.9
12	25	94	18	RL			179.0	126.9
12	25	94	19	NO			148.0	126.7
12	25	94	20	RL			241.4	126.6
12	25	94	21	RL			376.5	126.7
12	25	94	22	RL			374.3	126.9
12	25	94	23	RL			302.7	126.9
12	26	94	0	RL			229.2	127.0
12	26	94	1	RL			137.9	127.2
12	26	94	2	RL			131.7	127.3
12	26	94	3	RL			243.0	127.5
12	26	94	4	RL			88.1	127.5
12	26	94	5	NO			332.7	127.9
12	26	94	6	NO			122.4	127.8
12	26	94	7	NO			136.2	127.9
12	26	94	8	NO			89.2	127.6
12	26	94	9	NO			73.6	127.4
12	26	94	10	NO			100.2	127.4
12	26	94	11	RL/PF			249.7	127.5
12	26	94	12	NO			242.0	127.7
12	26	94	13	NO			140.1	127.8
12	26	94	14	NO			70.7	127.6
12	26	94	15	NO			80.8	127.4
12	26	94	16	NO			85.1	127.5
12	26	94	17	NO			111.4	127.5
12	26	94	18	NO			78.7	127.5
12	26	94	19	NO			69.2	127.3
12	26	94	20	NO			126.6	127.3
12	26	94	21	RL			303.3	127.5
12	26	94	22	RL			114.6	127.5
12	26	94	23	RL			215.3	127.7
12	27	94	0	RL			109.4	127.7
12	27	94	1	RL			185.4	127.9
12	27	94	2	RL			250.2	128.1
12	27	94	3	RL			325.9	128.5
12	27	94	4	RL			140.9	128.5
12	27	94	5	RL			48.1	128.4
12	27	94	6	RL			50.7	128.3
12	27	94	7	RL			510.0	128.8
12	27	94	8	RL/PF			365.1	128.9
12	27	94	9	RL/PF			80.4	128.7
12	27	94	10	RL/PF			98.4	128.6
12	27	94	11	NO			45.8	128.6
12	27	94	12	NO			57.2	128.6
12	27	94	13	NO			63.5	128.5
12	27	94	14	NO			51.1	128.4
12	27	94	15	NO			56.0	128.4
12	27	94	16	NO			196.2	128.5
12	27	94	17	NO			375.2	128.9
12	27	94	18	NO			188.4	129.1
12	27	94	19	NO			50.0	129.1
12	27	94	20	NO			120.8	129.0
12	27	94	21	NO			218.6	129.0
12	27	94	22	RL			114.9	129.0
12	27	94	23	RL			199.4	129.2

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
12	28	94	0	RL			141.2	129.3
12	28	94	1	RL			46.5	129.3
12	28	94	2	RL			45.5	129.2
12	28	94	3	RL			28.2	129.0
12	28	94	4	RL			52.6	128.8
12	28	94	5	RL			56.9	128.7
12	28	94	6	NO			393.1	129.1
12	28	94	7	NO			84.2	129.2
12	28	94	8	NO			75.5	129.1
12	28	94	9	NO			84.5	129.2
12	28	94	10	NO			275.1	129.5
12	28	94	11	RL			468.7	130.0
12	28	94	12	RL			175.6	130.2
12	28	94	13	RL			248.7	130.4
12	28	94	14	RL			234.8	130.6
12	28	94	15	RL			536.6	131.3
12	28	94	16	RL			554.9	132.0
12	28	94	17	RL			354.5	132.4
12	28	94	18	RL			326.2	132.7
12	28	94	19	RL			339.2	133.0
12	28	94	20	RL			248.9	133.3
12	28	94	21	NO			259.4	133.6
12	28	94	22	NO			67.5	133.6
12	28	94	23	RL			77.4	133.7
12	29	94	0	RL			324.4	134.0
12	29	94	1	RL			345.4	134.5
12	29	94	2	RL			111.3	134.5
12	29	94	3	RL			413.0	134.8
12	29	94	4	RL			258.1	134.6
12	29	94	5	RL			159.9	134.7
12	29	94	6	RL			117.6	134.7
12	29	94	7	SS			124.9	134.8
12	29	94	16	SS			1.4	134.8
12	29	94	17	RL/PF			120.1	134.8
12	29	94	18	RL			179.7	135.0
12	29	94	19	NO			62.3	135.0
12	29	94	20	RL			62.0	135.0
12	29	94	21	RL			64.3	134.9
12	29	94	22	RL			90.8	134.9
12	29	94	23	RL			51.5	134.9
12	30	94	0	RL			67.8	134.9
12	30	94	1	RL			150.4	135.1
12	30	94	2	RL			294.5	135.3
12	30	94	3	RL			226.4	135.2
12	30	94	4	RL			302.0	135.1
12	30	94	5	RL			86.8	135.0
12	30	94	6	NO			69.2	134.7
12	30	94	7	NO			202.6	134.7
12	30	94	8	NO			338.8	134.9
12	30	94	9	NO			161.5	134.9
12	30	94	10	NO			94.6	134.7
12	30	94	11	NO			78.4	134.4
12	30	94	12	SS			80.9	134.5
12	30	94	18	SS			40.5	134.4
12	30	94	20	RL			408.9	134.9
12	30	94	21	RL			210.4	135.0
12	30	94	22	RL			156.2	135.1
12	30	94	23	MF			200.4	135.0
12	31	94	0	RL			442.8	135.5
12	31	94	1	RL			546.8	136.2
12	31	94	2	SS			478.3	136.7
12	31	94	14	MF			3.4	136.6
12	31	94	15	RL/PF			56.1	136.6
12	31	94	16	NO/PF			94.4	136.6
12	31	94	17	MF			526.4	137.0
12	31	94	18	RL/PF			198.7	137.0
12	31	94	19	RL/PF			110.5	136.8
12	31	94	20	NO/PF			78.6	136.8
12	31	94	21	NO/PF			62.4	136.6
12	31	94	22	RL			131.9	136.6
12	31	94	23	RL			284.3	136.9
1	1	95	0	RL			448.1	137.4
1	1	95	1	RL			445.0	137.9
1	1	95	2	RL			477.1	138.4
1	1	95	3	RL			471.1	138.6
1	1	95	4	RL			261.9	138.6
1	1	95	5	RL			125.7	138.7
1	1	95	6	RL			137.7	138.8
1	1	95	7	RL			109.5	138.9
1	1	95	8	NO			180.8	138.8
1	1	95	9	NO			197.3	139.0
1	1	95	10	NO			139.6	139.1
1	1	95	11	NO			423.0	139.6

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
1	1	95	12	NO			107.4	139.6
1	1	95	13	NO			96.5	139.7
1	1	95	14	NO			118.6	139.8
1	1	95	15	NO			60.0	139.8
1	1	95	16	NO			51.7	139.7
1	1	95	17	NO			78.6	139.7
1	1	95	18	NO			90.5	139.7
1	1	95	19	NO			84.5	139.7
1	1	95	20	NO			114.0	139.8
1	1	95	21	NO			116.9	139.7
1	1	95	22	NO			223.0	139.9
1	1	95	23	RL			377.2	140.4
1	2	95	0	RL			476.1	141.0
1	2	95	1	RL			460.7	141.4
1	2	95	2	RL			456.4	141.9
1	2	95	3	RL			453.2	142.4
1	2	95	4	RL			454.4	142.9
1	2	95	5	RL			451.8	143.4
1	2	95	6	RL			461.1	144.0
1	2	95	7	RL			262.4	144.4
1	2	95	8	NO			312.8	144.8
1	2	95	9	MF			278.3	145.1
1	2	95	10	RL			235.2	145.4
1	2	95	11	NO			266.6	145.7
1	2	95	12	NO			72.8	145.7
1	2	95	13	NO			61.5	145.8
1	2	95	14	NO			110.7	145.8
1	2	95	15	NO			82.0	145.8
1	2	95	16	NO			62.4	145.8
1	2	95	17	NO			49.9	145.8
1	2	95	18	NO			68.7	145.8
1	2	95	19	NO			52.9	145.7
1	2	95	20	NO			231.0	146.0
1	2	95	21	NO			136.2	146.1
1	2	95	22	NO			133.2	146.2
1	2	95	23	RL			242.7	146.5
1	3	95	0	RL			473.6	147.1
1	3	95	1	RL			464.1	147.6
1	3	95	2	RL			465.0	148.1
1	3	95	3	RL			465.3	148.6
1	3	95	4	RL			425.6	148.8
1	3	95	5	NO			247.7	149.1
1	3	95	6	NO			122.2	149.2
1	3	95	7	NO			107.8	149.3
1	3	95	8	NO			57.4	149.3
1	3	95	9	NO			80.2	149.3
1	3	95	10	NO			99.1	149.4
1	3	95	11	NO			41.6	149.4
1	3	95	12	NO			74.9	149.4
1	3	95	13	RL			87.5	149.4
1	3	95	14	NO			172.3	149.6
1	3	95	15	RL			112.8	149.7
1	3	95	16	NO			193.6	149.9
1	3	95	17	NO			189.1	150.0
1	3	95	18	NO			78.9	149.6
1	3	95	19	NO			52.1	149.1
1	3	95	20	NO			213.6	149.1
1	3	95	21	NO			210.9	149.3
1	3	95	22	NO			202.4	149.1
1	3	95	23	RL			258.8	149.2
1	4	95	0	NO			312.8	149.5
1	4	95	1	NO			383.9	149.9
1	4	95	2	NO			355.3	150.3
1	4	95	3	RL/PF			367.3	150.8
1	4	95	4	RL/PF			223.0	151.1
1	4	95	5	NO			82.2	151.1
1	4	95	6	NO			185.2	151.3
1	4	95	7	NO			102.4	151.3
1	4	95	8	NO			145.8	151.4
1	4	95	9	NO			109.0	151.5
1	4	95	10	NO			106.4	151.6
1	4	95	11	NO			308.9	151.6
1	4	95	12	NO			109.9	151.6
1	4	95	13	NO			75.2	151.5
1	4	95	14	NO			116.1	151.5
1	4	95	15	NO			63.0	151.5
1	4	95	16	NO			72.6	151.4
1	4	95	17	RL			71.1	151.4
1	4	95	18	RL			63.0	151.4
1	4	95	19	RL			72.5	151.4
1	4	95	20	NO			75.3	151.5
1	4	95	21	NO			120.4	151.5
1	4	95	22	NO			189.4	151.6

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
1	4	95	23	RL			266.8	151.7
1	5	95	0	RL			486.7	152.1
1	5	95	1	RL			491.9	152.7
1	5	95	2	RL			489.9	153.3
1	5	95	3	RL			482.2	153.8
1	5	95	4	NO			268.1	153.9
1	5	95	5	NO			182.0	154.1
1	5	95	6	NO			273.4	154.5
1	5	95	7	RL			300.6	154.9
1	5	95	8	NO			52.1	154.4
1	5	95	9	NO			81.5	154.1
1	5	95	10	NO			61.2	154.1
1	5	95	11	RL			263.5	154.3
1	5	95	12	NO			63.7	154.1
1	5	95	13	NO			44.0	154.0
1	5	95	14	NO			91.0	154.0
1	5	95	15	NO			72.0	154.0
1	5	95	16	NO			123.0	154.1
1	5	95	17	NO			167.6	154.3
1	5	95	18	NO			161.6	154.5
1	5	95	19	NO			101.7	154.6
1	5	95	20	NO			78.4	154.6
1	5	95	21	NO			137.0	154.8
1	5	95	22	RL			287.3	155.1
1	5	95	23	RL			443.6	155.7
1	6	95	0	MF			299.5	156.1
1	6	95	4	SS			2.6	156.0
1	6	95	5	RL/PF			279.4	156.4
1	6	95	6	RL/PF			330.4	156.8
1	6	95	7	NO			237.6	157.0
1	6	95	8	NO			147.3	157.2
1	6	95	9	MF			127.6	157.3
1	6	95	10	RL/PF			181.6	157.4
1	6	95	11	RL/PF			39.6	156.7
1	6	95	12	RL/PF			88.2	156.6
1	6	95	13	RL/PF			429.2	157.1
1	6	95	14	RL			479.4	157.7
1	6	95	15	RL			432.5	158.3
1	6	95	16	RL			382.2	158.7
1	6	95	17	RL			428.1	159.3
1	6	95	18	RL			465.8	159.8
1	6	95	19	RL			502.5	160.4
1	6	95	20	RL			357.4	160.8
1	6	95	21	NO			117.5	160.9
1	6	95	22	NO			86.4	161.0
1	6	95	23	RL			213.5	161.2
1	7	95	0	RL			196.3	161.5
1	7	95	1	RL			409.9	162.0
1	7	95	2	RL			464.0	162.6
1	7	95	3	RL			476.1	163.2
1	7	95	4	RL			457.1	163.7
1	7	95	5	RL			394.3	164.2
1	7	95	6	RL			83.8	164.3
1	7	95	7	NO			142.1	164.4
1	7	95	8	NO			160.2	164.5
1	7	95	9	NO			382.4	165.0
1	7	95	10	NO			148.9	165.1
1	7	95	11	NO			401.8	165.6
1	7	95	12	NO			112.8	165.6
1	7	95	13	NO			116.2	165.5
1	7	95	14	NO			112.5	165.5
1	7	95	15	NO			149.1	165.6
1	7	95	16	NO			84.9	165.6
1	7	95	17	NO			92.7	165.6
1	7	95	18	NO			192.7	165.8
1	7	95	19	NO			59.8	165.7
1	7	95	20	MF			186.2	165.8
1	7	95	21	NO			75.3	165.8
1	7	95	22	NO			64.8	165.9
1	7	95	23	RL			297.4	166.2
1	8	95	0	RL			553.1	166.9
1	8	95	1	RL			552.9	167.5
1	8	95	2	RL			572.3	167.8
1	8	95	3	MF			253.7	167.9
1	9	95	21	SS			2.5	167.9
1	9	95	22	RL			4.9	167.8
1	9	95	23	MF			460.2	168.4
1	10	95	0	RL			434.5	168.7
1	10	95	1	RL			236.9	168.9
1	10	95	2	RL			259.7	169.3
1	10	95	3	RL			317.6	169.6
1	10	95	4	RL			422.6	170.1
1	10	95	5	RL			188.3	170.2

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
1	10	95	6	RL			299.2	170.4
1	10	95	7	RL			434.5	171.0
1	10	95	8	RL			525.5	171.6
1	10	95	9	RL			525.5	172.3
1	10	95	10	RL			349.9	172.7
1	10	95	11	RL			41.1	172.7
1	10	95	12	RL			51.8	172.5
1	10	95	13	RL			174.7	172.6
1	10	95	14	RL			198.7	172.6
1	10	95	15	RL			112.4	172.6
1	10	95	16	NO			93.5	172.6
1	10	95	17	NO			88.5	172.2
1	10	95	18	NO			171.9	171.8
1	10	95	19	NO			174.3	171.8
1	10	95	20	NO			197.2	171.7
1	10	95	21	RL			378.2	171.8
1	10	95	22	RL			568.9	172.2
1	10	95	23	RL			303.3	172.1
1	11	95	0	RL			265.6	172.5
1	11	95	1	RL			293.0	172.8
1	11	95	2	RL			507.4	173.5
1	11	95	3	RL			419.1	173.7
1	11	95	4	RL			322.2	173.9
1	11	95	5	RL			68.3	173.9
1	11	95	6	NO			114.0	173.9
1	11	95	7	NO			45.2	173.7
1	11	95	8	NO			103.0	173.6
1	11	95	9	NO			58.5	173.4
1	11	95	10	NO			69.4	173.4
1	11	95	11	NO			48.0	173.4
1	11	95	12	NO			61.4	173.5
1	11	95	13	NO			117.8	173.6
1	11	95	14	RL			180.6	173.7
1	11	95	15	RL			227.6	173.3
1	11	95	16	RL			195.8	173.0
1	11	95	17	NO			94.4	172.9
1	11	95	18	NO			92.1	172.8
1	11	95	19	NO			65.7	172.7
1	11	95	20	NO			55.7	172.7
1	11	95	21	NO			64.2	172.6
1	11	95	22	RL			58.9	172.6
1	11	95	23	RL			162.6	172.8
1	12	95	0	RL			108.1	172.7
1	12	95	1	RL			74.1	172.7
1	12	95	2	RL			124.2	172.9
1	12	95	3	RL			152.9	173.0
1	12	95	4	RL			278.7	173.3
1	12	95	5	RL			113.8	173.2
1	12	95	6	NO			137.8	173.0
1	12	95	7	NO			127.5	172.9
1	12	95	8	NO			52.3	172.6
1	12	95	9	NO			66.7	172.5
1	12	95	10	NO			57.6	172.5
1	12	95	11	NO			64.2	172.5
1	12	95	12	NO			67.7	172.6
1	12	95	13	NO			68.1	172.6
1	12	95	14	NO			57.7	172.7
1	12	95	15	NO			92.9	172.8
1	12	95	16	MF			187.3	172.8
1	12	95	17	NO			88.5	172.9
1	12	95	18	NO			87.7	173.0
1	12	95	19	NO			50.7	173.0
1	12	95	20	NO			54.7	173.0
1	12	95	21	NO			54.1	173.0
1	12	95	22	RL			79.1	173.0
1	12	95	23	RL			165.0	173.2
1	13	95	0	RL			129.9	173.3
1	13	95	1	RL			175.6	173.5
1	13	95	2	RL			239.3	173.8
1	13	95	3	RL			298.2	174.2
1	13	95	4	RL			189.5	174.2
1	13	95	5	RL			42.2	173.9
1	13	95	6	NO			75.2	173.8
1	13	95	7	NO			85.1	173.7
1	13	95	8	NO			110.3	173.5
1	13	95	9	RL			236.6	173.7
1	13	95	10	NO			202.3	173.7
1	13	95	13	NO			66.5	173.7
1	13	95	14	NO			142.3	173.9
1	13	95	15	NO			54.6	173.7
1	13	95	16	NO			54.5	173.6
1	13	95	17	NO			85.0	173.7
1	13	95	18	NO			101.3	173.8

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
1	13	95	19	NO			99.0	173.9
1	13	95	20	NO			69.0	173.9
1	13	95	21	RL			105.4	174.0
1	13	95	22	RL			57.8	174.1
1	13	95	23	RL			50.9	174.1
1	14	95	0	RL			37.0	174.1
1	14	95	1	RL			31.1	174.1
1	14	95	2	RL			99.1	173.7
1	14	95	3	RL			216.4	173.8
1	14	95	4	RL			127.7	174.0
1	14	95	5	RL			273.5	174.3
1	14	95	6	RL			201.4	174.4
1	14	95	7	NO			135.6	174.4
1	14	95	8	NO			59.0	174.4
1	14	95	9	NO			73.4	174.3
1	14	95	10	NO			58.9	174.1
1	14	95	11	NO			100.5	174.1
1	14	95	12	NO			69.5	174.1
1	14	95	13	NO			69.6	174.2
1	14	95	14	NO			61.6	174.2
1	14	95	15	NO			111.7	174.3
1	14	95	16	NO			186.5	174.5
1	14	95	17	NO			117.7	174.6
1	14	95	18	RL			302.9	174.9
1	14	95	19	RL/PF			164.2	175.1
1	14	95	20	NO			127.9	175.1
1	14	95	21	NO			173.4	174.9
1	14	95	22	RL			70.9	174.9
1	14	95	23	RL			121.2	175.0
1	15	95	0	RL			165.5	175.2
1	15	95	1	RL			146.9	175.4
1	15	95	2	RL			185.2	175.6
1	15	95	3	RL			180.9	175.8
1	15	95	4	RL			158.0	176.0
1	15	95	5	RL			129.6	176.1
1	15	95	6	RL			37.3	176.1
1	15	95	7	RL			25.1	176.0
1	15	95	8	RL			88.4	176.0
1	15	95	9	RL			488.3	176.3
1	15	95	10	RL			216.6	176.3
1	15	95	11	RL			155.8	176.2
1	15	95	12	RL			315.2	176.4
1	15	95	13	RL			342.6	176.9
1	15	95	14	RL			58.2	176.9
1	15	95	15	MF			169.9	177.1
1	15	95	16	RL			106.3	177.2
1	15	95	17	RL			190.5	177.4
1	15	95	18	RL			263.6	177.7
1	15	95	19	RL			168.2	177.9
1	15	95	20	RL			126.1	178.0
1	15	95	21	RL			123.2	178.2
1	15	95	22	RL			141.6	178.3
1	15	95	23	RL			242.8	178.5
1	16	95	0	RL			315.0	178.9
1	16	95	1	RL			364.3	179.3
1	16	95	2	RL			258.5	179.2
1	16	95	3	RL			337.4	179.5
1	16	95	4	RL			353.0	179.9
1	16	95	5	RL			320.2	180.3
1	16	95	6	RL			149.3	180.4
1	16	95	7	RL			208.1	180.6
1	16	95	8	RL			113.7	180.6
1	16	95	9	NO			62.6	180.6
1	16	95	10	NO			83.9	180.6
1	16	95	11	NO			203.1	180.8
1	16	95	12	NO			395.3	181.3
1	16	95	13	NO			151.1	181.5
1	16	95	14	NO			257.9	181.8
1	16	95	15	RL			156.7	181.9
1	16	95	16	NO			279.7	182.3
1	16	95	17	NO			500.5	182.9
1	16	95	18	NO			510.9	183.5
1	16	95	19	NO			376.3	184.0
1	16	95	20	NO			236.7	184.2
1	16	95	21	NO			61.7	184.3
1	16	95	22	NO			58.0	184.3
1	16	95	23	RL			333.3	184.7
1	17	95	0	RL			438.3	185.3
1	17	95	1	RL			458.0	185.8
1	17	95	2	RL			471.3	186.4
1	17	95	3	RL			466.0	187.0
1	17	95	4	RL			398.8	187.6
1	17	95	5	MF			221.9	187.8

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
1	17	95	6	RL			150.3	187.9
1	17	95	7	NO			84.9	187.8
1	17	95	8	NO			85.0	187.6
1	17	95	9	NO			69.1	187.5
1	17	95	10	NO			261.6	187.6
1	17	95	11	NO			69.2	187.5
1	17	95	12	RL			107.2	187.5
1	17	95	13	RL			339.5	187.9
1	17	95	14	RL			348.0	188.4
1	17	95	15	RL			481.3	189.0
1	17	95	16	RL			413.9	189.5
1	17	95	17	RL			254.6	189.6
1	17	95	18	RL			316.2	189.4
1	17	95	19	RL			105.5	189.4
1	17	95	20	RL			119.1	189.5
1	17	95	21	NO			61.7	189.5
1	17	95	22	RL			115.0	189.6
1	17	95	23	RL			225.6	189.8
1	18	95	0	RL			269.6	190.0
1	18	95	1	RL			404.1	190.3
1	18	95	2	RL			407.3	190.6
1	18	95	3	RL			424.9	191.1
1	18	95	4	RL			433.9	191.2
1	18	95	5	RL			138.2	191.4
1	18	95	6	NO			288.5	191.6
1	18	95	7	NO			134.0	191.6
1	18	95	8	NO			100.7	191.4
1	18	95	9	NO			132.6	191.3
1	18	95	10	NO			77.9	191.2
1	18	95	11	NO			52.9	191.1
1	18	95	12	NO			48.8	191.2
1	18	95	13	NO			46.1	191.2
1	18	95	14	NO			56.8	191.2
1	18	95	15	NO			97.7	191.2
1	18	95	16	NO			122.8	191.3
1	18	95	17	NO			133.9	191.4
1	18	95	18	NO			193.2	191.5
1	18	95	19	NO			126.7	191.5
1	18	95	20	NO			69.7	191.2
1	18	95	21	NO			60.7	190.8
1	18	95	22	NO			68.6	190.5
1	18	95	23	RL			317.8	190.3
1	19	95	0	RL			471.7	190.4
1	19	95	1	RL			361.0	190.2
1	19	95	2	RL			383.1	190.4
1	19	95	3	RL			393.8	190.4
1	19	95	4	RL			332.7	190.7
1	19	95	5	NO			73.9	190.3
1	19	95	6	NO			84.1	189.9
1	19	95	7	NO			50.4	189.8
1	19	95	8	RL			153.2	190.0
1	19	95	9	RL			418.9	190.5
1	19	95	10	RL			161.9	190.6
1	19	95	11	NO			22.4	190.5
1	19	95	12	NO			70.0	190.4
1	19	95	13	RL			46.3	190.4
1	19	95	14	RL			43.2	189.8
1	19	95	15	NO			33.5	189.2
1	19	95	16	NO			43.0	188.6
1	19	95	17	NO			39.6	188.1
1	19	95	18	NO			68.4	187.5
1	19	95	19	NO			129.7	187.2
1	19	95	20	NO			50.4	186.8
1	19	95	21	NO			53.1	186.8
1	19	95	22	RL			77.6	186.7
1	19	95	23	RL			112.8	186.3
1	20	95	0	RL			232.6	185.9
1	20	95	1	RL			409.0	185.8
1	20	95	2	RL			497.7	185.6
1	20	95	3	RL			226.3	185.6
1	20	95	4	RL			225.6	185.8
1	20	95	5	NO			142.2	186.0
1	20	95	6	NO			57.8	186.0
1	20	95	7	NO			67.4	185.8
1	20	95	8	NO			42.3	185.3
1	20	95	9	NO			94.0	184.9
1	20	95	10	NO			97.7	184.6
1	20	95	11	NO			37.4	184.5
1	20	95	12	NO			29.1	184.4
1	20	95	13	NO			25.2	184.4
1	20	95	14	RL			137.8	184.5
1	20	95	15	RL			117.6	184.6
1	20	95	16	NO			99.2	184.5

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
1	20	95	17	NO			131.0	184.6
1	20	95	18	NO			58.0	184.5
1	20	95	19	NO			45.6	184.3
1	20	95	20	NO			71.7	183.9
1	20	95	21	NO			56.6	183.7
1	20	95	22	RL			62.3	183.4
1	20	95	23	RL			105.5	183.2
1	21	95	0	RL			177.4	183.1
1	21	95	1	RL			158.7	183.2
1	21	95	2	RL			174.6	183.4
1	21	95	3	RL			279.4	183.8
1	21	95	4	RL			154.2	184.0
1	21	95	5	NO			42.5	184.0
1	21	95	6	NO			51.6	183.8
1	21	95	7	RL			114.4	183.5
1	21	95	8	RL			146.2	183.4
1	21	95	9	RL			94.4	183.1
1	21	95	10	RL			64.8	182.7
1	21	95	11	RL			43.7	182.1
1	21	95	12	RL			47.2	181.6
1	21	95	13	NO			36.8	181.4
1	21	95	14	NO			31.4	181.2
1	21	95	15	NO			33.4	181.1
1	21	95	16	NO			80.9	180.7
1	21	95	17	NO			33.8	180.2
1	21	95	18	NO			29.9	180.1
1	21	95	19	NO			43.4	180.1
1	21	95	20	NO			74.6	180.1
1	21	95	21	NO			63.0	180.1
1	21	95	22	RL			68.7	180.1
1	21	95	23	RL			163.7	180.2
1	22	95	0	RL			152.2	180.3
1	22	95	1	MF			270.4	180.6
1	22	95	2	RL			394.2	180.8
1	22	95	3	RL			407.5	180.8
1	22	95	4	RL			458.4	181.2
1	22	95	5	RL			264.1	181.5
1	22	95	6	RL			130.1	181.5
1	22	95	7	RL			124.3	181.6
1	22	95	8	RL			84.4	181.7
1	22	95	9	RL			136.0	181.9
1	22	95	10	RL			129.6	182.0
1	22	95	11	RL			132.0	182.2
1	22	95	12	RL			37.8	181.9
1	22	95	13	RL			73.8	181.9
1	22	95	14	RL			80.2	181.9
1	22	95	15	RL			129.3	182.0
1	22	95	16	NO			160.2	182.2
1	22	95	17	NO			57.2	182.2
1	22	95	18	NO			41.2	182.1
1	22	95	19	NO			57.4	182.1
1	22	95	20	NO			60.2	182.0
1	22	95	21	NO			77.6	182.0
1	22	95	22	RL			85.5	182.1
1	22	95	23	RL			103.0	182.1
1	23	95	0	RL			137.6	182.2
1	23	95	1	RL			145.9	182.2
1	23	95	2	RL			274.7	182.3
1	23	95	3	RL			470.6	182.7
1	23	95	4	MF			268.6	182.8
1	23	95	5	NO			84.9	182.8
1	23	95	6	NO			84.5	182.6
1	23	95	7	NO			94.1	182.5
1	23	95	8	NO			62.9	182.2
1	23	95	9	NO			45.8	181.8
1	23	95	10	NO			42.5	181.4
1	23	95	11	RL			72.3	181.1
1	23	95	12	NO			51.7	181.2
1	23	95	13	NO			92.5	181.2
1	23	95	14	NO			50.8	180.9
1	23	95	15	RL			85.0	180.5
1	23	95	16	NO			71.6	180.5
1	23	95	17	RL			285.5	180.7
1	23	95	18	RL/PF			307.8	180.8
1	23	95	19	MF			145.3	180.8
1	23	95	20	RL/PF			179.2	180.8
1	23	95	21	RL/PF			96.4	180.7
1	23	95	22	RL			50.2	180.6
1	23	95	23	RL			274.0	180.9
1	24	95	0	RL			467.2	181.4
1	24	95	1	RL			518.8	182.0
1	24	95	2	RL			414.3	182.5
1	24	95	3	RL			318.9	182.8

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
1	24	95	4	RL			201.1	183.0
1	24	95	5	RL			89.6	183.0
1	24	95	6	RL			104.2	183.0
1	24	95	7	NO			62.7	183.0
1	24	95	8	NO			46.9	182.5
1	24	95	9	NO			47.7	182.6
1	24	95	10	RL			52.2	182.6
1	24	95	11	RL			73.3	182.3
1	24	95	12	RL			198.3	182.5
1	24	95	13	RL			99.0	182.4
1	24	95	14	NO			36.7	182.1
1	24	95	15	RL			177.6	182.2
1	24	95	16	RL			45.8	181.7
1	24	95	17	NO			257.5	181.6
1	24	95	18	NO			38.8	180.9
1	24	95	19	NO			50.7	180.6
1	24	95	20	NO			40.1	180.1
1	24	95	21	NO			38.2	180.0
1	24	95	22	NO			49.6	179.8
1	24	95	23	RL			74.2	179.8
1	25	95	0	RL			65.8	179.8
1	25	95	1	RL			107.5	179.9
1	25	95	2	RL			109.6	179.9
1	25	95	3	RL			131.5	179.9
1	25	95	4	RL			170.2	179.9
1	25	95	5	RL			105.0	179.9
1	25	95	6	NO			52.3	179.8
1	25	95	7	NO			50.5	179.8
1	25	95	8	NO			39.3	179.7
1	25	95	9	NO			41.5	179.4
1	25	95	10	NO			39.4	179.2
1	25	95	11	NO			76.2	179.2
1	25	95	12	NO			40.6	179.2
1	25	95	13	RL			78.6	179.2
1	25	95	14	NO			69.0	179.2
1	25	95	15	NO			69.3	179.1
1	25	95	16	NO			91.7	179.0
1	25	95	17	NO			153.3	179.0
1	25	95	18	NO			109.4	178.9
1	25	95	19	NO			65.3	178.6
1	25	95	20	NO			47.2	178.6
1	25	95	21	NO			65.3	178.5
1	25	95	22	NO			57.0	178.4
1	25	95	23	RL			70.0	178.3
1	26	95	0	RL			78.0	178.4
1	26	95	1	RL			89.0	178.4
1	26	95	2	RL			183.4	178.4
1	26	95	3	RL			156.1	178.5
1	26	95	4	RL			97.4	178.2
1	26	95	5	RL/PF			106.4	178.3
1	26	95	6	RL/PF			131.7	178.4
1	26	95	7	RL/PF			187.8	178.6
1	26	95	8	RL			45.5	178.5
1	26	95	9	RL			122.9	178.6
1	26	95	10	RL			124.1	178.1
1	26	95	11	RL			37.3	177.7
1	26	95	12	RL			58.6	177.5
1	26	95	13	RL			139.2	177.5
1	26	95	14	RL			146.0	177.5
1	26	95	15	RL			84.1	177.4
1	26	95	16	RL			126.7	177.5
1	26	95	17	RL			46.6	177.2
1	26	95	18	RL			59.8	176.6
1	26	95	19	RL			100.6	176.4
1	26	95	20	NO			57.4	175.9
1	26	95	21	NO			63.8	175.9
1	26	95	22	NO			195.8	176.1
1	26	95	23	SS			124.8	176.2
1	28	95	13	SS			1.0	175.9
1	28	95	14	RL/PF			266.8	175.6
1	28	95	15	NO/PF			217.9	175.2
1	28	95	16	NO			41.6	174.9
1	28	95	17	RL			254.1	175.1
1	28	95	18	RL			563.5	175.8
1	28	95	19	RL			549.8	176.4
1	28	95	20	RL			522.7	177.0
1	28	95	21	RL			308.4	177.4
1	28	95	22	RL			134.9	177.5
1	28	95	23	RL			133.7	177.6
1	29	95	0	MF			103.2	177.3
1	29	95	1	RL			166.8	177.4
1	29	95	2	RL			138.9	177.5
1	29	95	3	RL			131.5	177.6

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
1	29	95	4	RL			483.3	178.1
1	29	95	5	RL			503.4	178.6
1	29	95	6	RL			236.4	178.7
1	29	95	7	RL			124.9	178.6
1	29	95	8	RL			117.4	178.5
1	29	95	9	RL			167.9	178.2
1	29	95	10	RL			110.1	177.8
1	29	95	11	RL			84.0	177.5
1	29	95	12	RL			77.6	177.3
1	29	95	13	RL			93.6	177.2
1	29	95	14	RL			124.8	177.2
1	29	95	15	RL			265.9	177.2
1	29	95	16	RL			317.6	177.6
1	29	95	17	RL			177.5	177.3
1	29	95	18	RL			96.6	177.3
1	29	95	19	RL			56.8	177.2
1	29	95	20	RL			66.2	177.2
1	29	95	21	RL			52.7	177.1
1	29	95	22	RL			40.2	177.1
1	29	95	23	RL			38.8	176.8
1	30	95	0	RL			42.3	176.5
1	30	95	1	RL			94.6	176.4
1	30	95	2	RL			111.0	176.5
1	30	95	3	RL			287.6	176.8
1	30	95	4	RL			111.3	176.8
1	30	95	5	NO			116.6	176.8
1	30	95	6	NO			80.4	176.8
1	30	95	7	NO			60.9	176.8
1	30	95	8	NO			63.3	176.7
1	30	95	9	NO			67.8	176.4
1	30	95	10	NO			60.7	176.3
1	30	95	11	NO			63.0	176.1
1	30	95	12	NO			54.0	176.0
1	30	95	13	NO			53.8	175.8
1	30	95	14	RL			49.0	175.6
1	30	95	15	NO			36.2	175.2
1	30	95	16	NO			35.1	175.0
1	30	95	17	NO			53.7	175.0
1	30	95	18	NO			70.2	175.0
1	30	95	19	NO			51.2	174.4
1	30	95	20	NO			34.3	173.9
1	30	95	21	RL			54.8	173.9
1	30	95	22	RL			136.2	174.0
1	30	95	23	RL			150.4	174.1
1	31	95	0	RL			123.0	174.2
1	31	95	1	RL			180.8	174.4
1	31	95	2	RL			326.6	174.7
1	31	95	3	RL			311.5	175.1
1	31	95	4	MF			230.6	175.2
1	31	95	5	SS			16.3	174.7
1	31	95	6	SS			9.7	174.4
1	31	95	7	RL/PF			43.6	174.4
1	31	95	8	NO			39.9	174.3
1	31	95	9	NO			46.6	174.0
1	31	95	10	NO/PF			80.2	174.0
1	31	95	11	NO			44.7	173.8
1	31	95	12	NO			72.1	173.7
1	31	95	13	NO			62.5	173.7
1	31	95	14	NO			153.2	173.9
1	31	95	15	RL			81.1	173.9
1	31	95	16	NO			46.1	173.9
1	31	95	17	NO			148.3	174.0
1	31	95	18	NO			85.3	173.6
1	31	95	19	NO			76.9	173.6
1	31	95	20	NO			93.2	173.6
1	31	95	21	RL/PF			121.1	173.7
2	1	95	2	SS			427.5	173.9
2	1	95	3	RL			161.9	173.5
2	1	95	4	RL			95.2	173.4
2	1	95	5	NO			133.5	173.2
2	1	95	6	NO			190.7	173.1
2	1	95	7	NO			100.7	172.5
2	1	95	8	NO			104.7	171.9
2	1	95	9	NO			177.1	171.7
2	1	95	10	NO			85.9	171.3
2	1	95	11	NO			41.3	170.9
2	1	95	19	MF			7.3	170.6
2	1	95	20	RL/PF			124.5	170.4
2	1	95	21	RL			130.6	170.5
2	1	95	22	RL			90.7	170.5
2	1	95	23	RL			42.1	170.1
2	2	95	0	RL			38.0	169.7
2	2	95	1	RL			74.9	169.6

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
2	2	95	2	RL			113.0	169.2
2	2	95	3	RL			159.8	169.1
2	2	95	4	RL			157.4	169.1
2	2	95	5	NO			46.2	169.0
2	2	95	6	NO			28.2	168.8
2	2	95	7	NO			86.2	169.0
2	2	95	8	NO			88.9	168.9
2	2	95	9	NO			127.6	168.8
2	2	95	10	MF			168.7	169.0
2	2	95	11	NO			128.0	169.1
2	2	95	12	RL			187.7	169.3
2	2	95	13	RL			256.5	169.5
2	2	95	14	RL			284.7	169.8
2	2	95	15	RL			82.1	169.8
2	2	95	16	RL			470.8	170.3
2	2	95	17	RL			584.9	170.7
2	2	95	18	RL			397.5	170.9
2	2	95	19	NO			109.2	170.6
2	2	95	20	MF			323.6	171.0
2	2	95	21	NO			118.1	171.0
2	2	95	22	NO			54.1	170.8
2	2	95	23	RL			59.0	170.4
2	3	95	0	RL			48.3	170.3
2	3	95	1	RL			75.4	170.3
2	3	95	2	RL			103.5	170.3
2	3	95	3	RL			108.6	170.3
2	3	95	4	RL			53.7	170.4
2	3	95	5	NO			55.1	169.9
2	3	95	6	NO			207.5	169.9
2	3	95	7	NO			98.5	169.8
2	3	95	8	NO			69.4	169.6
2	3	95	9	NO			38.3	169.0
2	3	95	10	NO			39.3	168.3
2	3	95	11	NO			39.6	167.7
2	3	95	12	NO			36.1	167.8
2	3	95	13	NO			31.8	167.7
2	3	95	14	NO			77.8	167.7
2	3	95	15	RL			77.4	167.1
2	3	95	16	RL			74.0	166.9
2	3	95	17	NO			162.5	167.0
2	3	95	18	NO			56.6	167.0
2	3	95	19	NO			79.7	167.0
2	3	95	20	NO			67.7	166.9
2	3	95	21	NO			67.8	166.6
2	3	95	22	NO			54.9	166.0
2	3	95	23	NO			72.9	165.5
2	4	95	0	RL			121.6	165.0
2	4	95	1	RL			255.5	164.7
2	4	95	2	RL			265.3	164.7
2	4	95	3	RL			143.8	164.8
2	4	95	4	RL			116.1	164.7
2	4	95	5	NO			192.9	164.8
2	4	95	6	NO			45.5	164.7
2	4	95	7	NO			43.2	164.4
2	4	95	8	NO			43.2	164.3
2	4	95	9	NO			45.2	163.8
2	4	95	10	NO			42.6	163.7
2	4	95	11	NO			41.4	163.6
2	4	95	12	NO			43.6	163.5
2	4	95	13	NO			43.5	163.5
2	4	95	14	NO			43.0	163.5
2	4	95	15	NO			42.7	163.4
2	4	95	16	NO			45.0	163.4
2	4	95	17	NO			39.7	163.3
2	4	95	18	NO			66.5	163.2
2	4	95	19	NO			60.9	163.2
2	4	95	20	NO			55.7	162.9
2	4	95	21	NO			55.3	162.5
2	4	95	22	NO			59.2	161.9
2	4	95	23	RL			92.3	161.4
2	5	95	0	RL			119.4	160.9
2	5	95	1	RL			224.6	160.6
2	5	95	2	RL			68.6	160.1
2	5	95	3	RL			64.4	159.5
2	5	95	4	RL			76.9	159.0
2	5	95	5	NO			71.5	158.7
2	5	95	6	NO			63.7	158.4
2	5	95	7	NO			59.7	158.1
2	5	95	8	NO			60.9	157.8
2	5	95	9	NO			75.2	157.6
2	5	95	10	NO			54.3	157.5
2	5	95	11	NO			59.3	157.5
2	5	95	12	NO			56.8	157.5

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
2	5	95	13	NO			36.7	157.4
2	5	95	14	NO			41.1	157.4
2	5	95	15	NO			41.2	157.4
2	5	95	16	NO			43.1	157.3
2	5	95	17	NO			48.5	157.3
2	5	95	18	NO			49.9	157.1
2	5	95	19	NO			57.1	157.0
2	5	95	20	NO			53.0	156.9
2	5	95	21	NO			61.2	156.6
2	5	95	22	NO			64.1	156.0
2	5	95	23	RL			57.4	155.5
2	6	95	0	RL			77.0	154.9
2	6	95	1	RL			82.8	154.4
2	6	95	2	RL			64.2	153.9
2	6	95	3	RL			45.5	153.6
2	6	95	4	NO			63.4	153.5
2	6	95	5	NO			133.7	153.6
2	6	95	6	NO			58.5	153.6
2	6	95	7	NO			50.3	153.5
2	6	95	8	NO			51.2	153.5
2	6	95	9	NO			57.4	153.5
2	6	95	10	NO			58.9	153.5
2	6	95	11	NO			54.7	153.4
2	6	95	12	NO			40.2	153.2
2	6	95	13	NO			42.1	153.1
2	6	95	14	RL			64.2	153.0
2	6	95	15	RL			53.5	152.8
2	6	95	16	RL			38.8	152.7
2	6	95	17	NO			52.5	152.7
2	6	95	18	NO			62.2	152.5
2	6	95	19	NO			73.4	152.3
2	6	95	20	NO			74.5	152.1
2	6	95	21	NO			70.8	151.9
2	6	95	22	NO			61.6	151.5
2	6	95	23	NO			64.6	151.1
2	7	95	0	NO			34.7	150.6
2	7	95	1	NO			34.2	150.2
2	7	95	2	NO			34.2	149.9
2	7	95	3	NO			36.1	149.8
2	7	95	4	NO			98.8	149.7
2	7	95	5	NO			63.0	149.7
2	7	95	6	NO			59.5	149.5
2	7	95	7	NO			58.2	149.5
2	7	95	8	NO			55.9	149.4
2	7	95	9	NO			53.3	149.1
2	7	95	10	NO			48.7	149.0
2	7	95	11	NO			39.0	148.9
2	7	95	12	NO			28.7	148.8
2	7	95	13	RL			36.0	148.8
2	7	95	14	RL			21.4	148.7
2	7	95	15	NO			29.7	148.6
2	7	95	16	RL			31.9	148.6
2	7	95	17	RL			61.6	148.6
2	7	95	18	RL			59.9	148.6
2	7	95	19	NO			125.9	148.6
2	7	95	20	NO			106.0	148.4
2	7	95	21	NO			167.5	148.3
2	7	95	22	NO			90.3	147.8
2	7	95	23	NO			334.2	147.5
2	8	95	0	NO			106.1	147.0
2	8	95	1	NO			100.7	146.5
2	8	95	2	NO			178.6	146.3
2	8	95	3	NO			62.3	146.2
2	8	95	4	NO			62.7	145.9
2	8	95	5	NO			46.0	145.5
2	8	95	6	NO			58.4	145.5
2	8	95	7	NO			59.1	145.5
2	8	95	8	NO			53.1	145.5
2	8	95	10	NO			51.2	145.2
2	8	95	11	NO			70.2	145.2
2	8	95	12	NO			49.9	145.2
2	8	95	13	NO			49.1	145.2
2	8	95	14	NO			48.2	145.1
2	8	95	15	NO			45.8	145.0
2	8	95	16	NO			43.0	144.9
2	8	95	17	NO			46.6	144.7
2	8	95	18	NO			59.3	144.6
2	8	95	19	NO			74.8	144.6
2	8	95	20	NO			70.2	144.5
2	8	95	21	NO			55.5	144.2
2	8	95	22	NO			87.2	143.7
2	8	95	23	NO			65.9	143.4
2	9	95	0	NO			62.5	143.5

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
2	9	95	1	NO			53.7	143.2
2	9	95	2	NO			73.0	142.8
2	9	95	3	NO			72.0	142.6
2	9	95	4	NO			72.6	142.5
2	9	95	5	NO			64.6	142.4
2	9	95	6	NO			75.0	142.2
2	9	95	7	NO			211.0	142.5
2	9	95	8	NO			112.8	142.5
2	9	95	9	MF			306.6	142.3
2	9	95	12	NO			49.0	141.7
2	9	95	14	NO			53.9	141.2
2	9	95	15	NO			52.6	140.8
2	9	95	17	NO			39.6	140.2
2	9	95	18	NO			44.9	139.6
2	9	95	19	NO			42.2	139.0
2	9	95	20	RL			180.5	138.8
2	9	95	21	RL			297.9	139.0
2	9	95	22	NO			78.6	139.0
2	9	95	23	NO			81.7	138.8
2	10	95	0	MF			120.6	138.7
2	10	95	1	MF			148.1	138.3
2	10	95	2	SS			138.7	137.9
2	10	95	3	RL/PF			105.0	137.4
2	10	95	4	NO			70.2	136.8
2	10	95	5	NO			62.9	136.4
2	10	95	6	MF			122.9	136.4
2	10	95	7	MF			363.5	136.7
2	10	95	8	SS			484.4	137.2
2	10	95	9	RL			159.6	136.9
2	10	95	10	MF			379.7	137.2
2	10	95	11	NO			213.7	136.9
2	10	95	12	NO			72.9	136.9
2	10	95	13	RL			86.1	136.8
2	10	95	14	RL			231.7	137.0
2	10	95	15	RL			86.1	136.9
2	10	95	16	RL			68.2	136.9
2	10	95	17	NO			59.9	136.8
2	10	95	18	NO			54.9	136.7
2	10	95	19	NO			62.4	136.7
2	10	95	20	NO			60.2	136.5
2	10	95	21	NO			65.7	136.5
2	10	95	22	NO			71.7	136.5
2	10	95	23	RL			93.7	136.2
2	11	95	0	RL			171.0	135.7
2	11	95	1	RL			226.9	135.2
2	11	95	2	RL			262.6	134.8
2	11	95	3	RL			307.8	134.9
2	11	95	4	RL/PF			330.6	135.3
2	11	95	5	RL/PF			62.4	135.4
2	11	95	6	RL/PF			6.4	134.8
2	11	95	7	RL/PF			5.5	134.2
2	11	95	8	RL/PF			7.2	133.8
2	11	95	9	RL/PF			16.5	133.5
2	11	95	10	RL/PF			160.6	133.3
2	11	95	11	RL			57.2	132.8
2	11	95	12	MF			205.5	132.8
2	11	95	13	RL			452.8	133.0
2	11	95	14	RL			135.1	132.6
2	11	95	15	RL			27.3	131.9
2	11	95	16	RL			79.3	131.3
2	11	95	17	RL			72.7	130.9
2	11	95	18	RL			324.0	131.3
2	11	95	19	RL			182.6	131.5
2	11	95	20	NO			65.6	131.3
2	11	95	21	NO			55.9	131.1
2	11	95	22	NO			49.3	131.0
2	11	95	23	NO			47.4	131.0
2	12	95	0	RL			96.8	131.0
2	12	95	1	RL			118.9	130.9
2	12	95	2	RL			98.0	130.8
2	12	95	3	RL			87.1	130.7
2	12	95	4	RL			84.5	130.3
2	12	95	5	RL			99.3	129.6
2	12	95	6	RL			97.7	129.3
2	12	95	7	RL			213.6	129.2
2	12	95	8	RL			607.7	129.7
2	12	95	9	NO			253.3	129.3
2	12	95	10	NO			128.0	128.9
2	12	95	11	NO			88.5	128.6
2	12	95	13	NO			60.6	128.6
2	12	95	14	NO			66.7	128.5
2	12	95	15	NO			67.6	128.6
2	12	95	16	NO			25.1	128.4

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
2	12	95	17	NO			15.4	128.4
2	12	95	18	NO			13.5	128.3
2	12	95	19	NO			50.4	128.3
2	12	95	20	NO			50.8	128.3
2	12	95	21	NO			47.7	128.2
2	12	95	22	NO			54.9	128.0
2	12	95	23	RL			125.9	127.9
2	13	95	0	RL			59.1	127.7
2	13	95	1	RL			68.0	127.7
2	13	95	2	RL			83.0	127.6
2	13	95	3	RL			77.3	127.7
2	13	95	4	RL			67.8	127.7
2	13	95	5	NO			85.9	127.7
2	13	95	6	NO			79.4	127.7
2	13	95	7	NO			187.0	127.8
2	13	95	8	NO			81.7	127.7
2	13	95	9	NO			57.0	127.7
2	13	95	16	NO			122.4	127.7
2	13	95	17	MF			214.4	127.8
2	13	95	18	NO			157.3	127.6
2	13	95	19	NO			92.2	127.6
2	13	95	20	NO			93.3	127.5
2	13	95	21	NO			126.0	127.5
2	13	95	22	NO			76.6	127.6
2	13	95	23	RL			37.1	127.5
2	14	95	0	RL			54.2	127.5
2	14	95	1	RL			52.6	127.5
2	14	95	2	RL			62.4	127.5
2	14	95	3	RL			64.2	127.5
2	14	95	4	RL			54.8	127.5
2	14	95	5	NO			49.9	127.4
2	14	95	6	NO			69.7	127.3
2	14	95	7	NO			51.1	127.2
2	14	95	8	NO			51.3	127.2
2	14	95	9	NO			52.0	127.2
2	14	95	10	NO			153.7	127.3
2	14	95	11	NO			46.7	127.3
2	14	95	12	NO			63.8	127.3
2	14	95	13	NO			69.0	127.1
2	14	95	14	NO			65.6	127.0
2	14	95	15	NO			76.6	126.9
2	14	95	16	NO			52.7	126.6
2	14	95	17	NO			72.2	126.3
2	14	95	18	NO			75.9	126.2
2	14	95	19	NO			61.6	126.2
2	14	95	20	NO			44.5	126.2
2	14	95	21	NO			77.5	126.2
2	14	95	22	NO			66.2	126.1
2	14	95	23	NO			44.1	125.8
2	15	95	0	RL			51.2	125.6
2	15	95	1	RL			64.5	125.6
2	15	95	2	RL			70.0	125.5
2	15	95	3	RL			81.4	125.5
2	15	95	4	RL			258.8	125.8
2	15	95	5	NO			36.6	125.8
2	15	95	6	NO			112.4	125.8
2	15	95	7	NO			74.9	125.7
2	15	95	8	NO			57.8	125.7
2	15	95	9	NO			120.8	125.8
2	15	95	10	NO			59.3	125.8
2	15	95	11	NO			59.5	125.8
2	15	95	12	NO			55.8	125.8
2	15	95	13	MF			255.7	126.1
2	15	95	14	NO			91.5	126.1
2	15	95	15	NO			67.4	125.9
2	15	95	16	NO			71.3	125.8
2	15	95	17	NO			128.0	125.6
2	15	95	18	NO			92.1	125.5
2	15	95	19	NO			60.5	125.3
2	15	95	20	NO			48.2	125.3
2	15	95	21	NO			95.6	125.4
2	15	95	22	NO			37.2	125.3
2	15	95	23	NO			50.0	125.3
2	16	95	0	RL			51.0	125.2
2	16	95	1	RL			56.9	125.2
2	16	95	2	RL			47.4	125.2
2	16	95	3	RL			50.5	125.1
2	16	95	4	NO			32.6	124.9
2	16	95	5	NO/PF			32.2	124.8
2	16	95	6	NO/PF			68.4	124.5
2	16	95	7	MF			178.2	124.5
2	16	95	8	NO/PF			27.6	124.3
2	16	95	9	NO			32.6	124.1

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
2	16	95	10	NO			37.8	124.1
2	16	95	11	NO			41.3	124.0
2	16	95	12	NO			47.6	123.8
2	16	95	13	NO			36.6	123.7
2	16	95	14	NO			40.8	123.5
2	16	95	15	NO			24.7	123.3
2	16	95	16	NO			30.3	123.1
2	16	95	17	NO			29.8	122.9
2	16	95	18	NO			22.9	122.9
2	16	95	19	NO			24.2	122.9
2	16	95	20	NO			27.8	122.8
2	16	95	21	NO			37.2	122.2
2	16	95	22	NO			36.1	122.0
2	16	95	23	NO			57.0	121.8
2	17	95	0	RL			49.4	121.4
2	17	95	1	RL			59.5	121.1
2	17	95	2	RL			69.4	121.1
2	17	95	3	RL			54.8	120.9
2	17	95	4	RL			49.4	120.8
2	17	95	5	NO/PF			40.2	120.6
2	17	95	6	NO/PF			22.5	120.3
2	17	95	7	NO/PF			33.5	120.1
2	17	95	8	MF			165.4	120.2
2	17	95	9	NO			93.0	120.1
2	17	95	10	NO			36.4	120.0
2	17	95	11	NO			26.1	119.7
2	17	95	12	NO			31.2	119.3
2	17	95	15	NO			44.9	118.8
2	17	95	16	NO/PF			139.0	118.7
2	17	95	17	MF			205.2	118.5
2	17	95	18	NO			235.5	118.3
2	17	95	19	NO			44.3	117.9
2	17	95	20	MF			138.1	117.9
2	17	95	21	NO/PF			92.0	117.8
2	17	95	22	RL/PF			436.7	118.2
2	17	95	23	RL			553.6	118.9
2	18	95	0	RL			308.3	119.2
2	18	95	1	RL			325.1	119.4
2	18	95	2	RL			70.4	118.9
2	18	95	3	MF			285.6	119.1
2	18	95	6	SS			477.1	119.4
2	18	95	7	MF			366.4	119.7
2	18	95	8	NO/PF			51.4	119.4
2	18	95	11	NO/PF			66.4	118.8
2	18	95	19	SS			3.5	118.1
2	18	95	20	RL/PF			133.1	117.7
2	18	95	21	NO/PF			67.3	117.5
2	18	95	22	NO/PF			36.3	117.5
2	18	95	23	NO/PF			35.5	117.4
2	19	95	0	NO			47.8	117.0
2	19	95	1	RL			51.1	116.5
2	19	95	2	RL			51.6	115.9
2	19	95	3	RL			47.8	115.3
2	19	95	4	RL			63.8	114.8
2	19	95	5	NO/PF			45.9	114.3
2	19	95	6	MF			185.4	114.2
2	19	95	7	NO/PF			84.7	114.2
2	19	95	8	NO/PF			31.7	114.1
2	19	95	9	NO/PF			34.4	114.0
2	19	95	10	NO/PF			35.9	114.0
2	19	95	11	NO/PF			31.3	113.6
2	19	95	12	NO/PF			26.8	113.6
2	19	95	13	NO/PF			28.3	113.5
2	19	95	14	NO/PF			35.1	113.1
2	19	95	15	NO/PF			33.3	112.6
2	19	95	16	NO/PF			18.7	112.0
2	19	95	17	NO/PF			39.7	111.5
2	19	95	18	NO/PF			27.0	111.1
2	19	95	19	NO/PF			27.5	110.7
2	19	95	20	NO/PF			25.5	110.6
2	19	95	21	NO/PF			37.7	110.5
2	19	95	22	NO/PF			25.4	110.5
2	19	95	23	NO/PF			32.3	110.3
2	20	95	0	RL			41.4	110.1
2	20	95	1	RL			41.4	109.8
2	20	95	2	RL			41.8	109.3
2	20	95	3	RL			43.0	108.8
2	20	95	4	RL			49.2	108.2
2	20	95	5	NO/PF			29.8	107.7
2	20	95	6	NO/PF			29.2	107.5
2	20	95	7	NO/PF			24.4	107.2
2	20	95	8	NO/PF			21.5	107.0
2	20	95	9	NO/PF			27.3	106.9

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
2	20	95	10	NO/PF			26.9	106.8
2	20	95	11	NO/PF			30.6	106.7
2	20	95	12	NO/PF			22.2	106.7
2	20	95	13	NO/PF			26.1	106.6
2	20	95	14	NO/PF			22.9	106.6
2	20	95	15	NO/PF			25.1	106.5
2	20	95	16	NO/PF			21.8	106.4
2	20	95	17	NO/PF			30.7	106.3
2	20	95	18	NO/PF			33.9	106.2
2	20	95	19	NO/PF			25.0	105.9
2	20	95	20	NO/PF			25.2	105.8
2	20	95	21	NO/PF			30.2	105.7
2	20	95	22	NO/PF			145.5	105.9
2	20	95	23	RL			56.9	105.8
2	21	95	0	RL			97.4	105.5
2	21	95	1	RL			86.1	105.0
2	21	95	2	RL			126.4	104.7
2	21	95	3	RL			139.8	104.3
2	21	95	4	NO/PF			109.2	103.9
2	21	95	5	NO/PF			9.2	103.5
2	21	95	6	NO/PF			0.0	103.4
2	21	95	8	NO/PF			17.5	103.3
2	21	95	12	NO/PF			40.7	103.3
2	21	95	13	NO/PF			64.6	103.2
2	21	95	14	NO/PF			75.1	102.7
2	21	95	15	NO/PF			133.5	102.6
2	21	95	17	NO/PF			27.1	102.7
2	21	95	18	NO/PF			31.4	102.6
2	21	95	19	NO/PF			23.9	102.6
2	21	95	20	NO/PF			28.7	102.5
2	21	95	21	NO/PF			33.2	102.5
2	21	95	22	NO/PF			57.7	102.6
2	21	95	23	MF			119.5	102.7
2	22	95	0	RL			140.2	102.8
2	22	95	1	RL			29.8	102.6
2	22	95	2	RL			32.7	102.6
2	22	95	3	RL			36.1	102.6
2	22	95	4	NO			82.6	102.6
2	22	95	5	NO			34.8	102.5
2	22	95	6	NO			45.8	102.2
2	22	95	7	NO			32.4	101.7
2	22	95	8	NO			37.8	101.1
2	22	95	9	NO			35.4	100.8
2	22	95	10	NO			64.5	100.6
2	22	95	11	NO			49.3	100.4
2	22	95	12	NO			55.7	100.4
2	22	95	13	NO			57.2	100.4
2	22	95	14	NO			44.3	100.4
2	22	95	15	NO			42.5	100.4
2	22	95	16	NO			39.5	100.3
2	22	95	17	NO			53.5	100.3
2	22	95	18	NO			92.7	100.4
2	22	95	19	NO			52.4	100.4
2	22	95	20	NO			68.1	100.3
2	22	95	21	NO			57.0	100.2
2	22	95	22	NO			43.2	100.2
2	22	95	23	MF			74.5	100.1
2	23	95	6	RL/PF			125.7	100.2
2	23	95	7	RL/PF			203.3	100.4
2	23	95	9	NO			49.7	100.4
2	23	95	11	NO			50.5	100.4
2	23	95	12	SS			67.8	100.4
2	23	95	17	SS/MF			9.1	100.2
2	23	95	18	RL/PF			58.6	100.1
2	23	95	19	RL/PF			311.9	100.3
2	23	95	20	NO			85.8	100.2
2	23	95	21	NO			108.5	99.9
2	23	95	22	RL			584.9	100.5
2	23	95	23	RL			218.2	100.8
2	24	95	0	RL			129.8	100.9
2	24	95	1	RL			92.5	100.8
2	24	95	2	RL			80.7	100.8
2	24	95	3	RL			189.6	100.9
2	24	95	4	NO			146.5	101.0
2	24	95	5	NO			98.6	101.1
2	24	95	6	NO			80.4	101.1
2	24	95	7	NO			86.1	101.2
2	24	95	8	NO			107.1	101.3
2	24	95	9	NO			88.5	101.4
2	24	95	10	NO			127.4	101.4
2	24	95	11	NO			110.5	101.5
2	24	95	12	NO			110.8	101.7
2	24	95	13	NO			130.2	101.8

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
2	24	95	14	NO			84.0	101.8
2	24	95	15	NO			138.9	101.9
2	24	95	16	NO			147.2	102.0
2	24	95	17	NO			176.7	102.0
2	24	95	18	NO			184.8	102.1
2	24	95	19	NO			54.5	101.8
2	24	95	20	NO			53.9	101.3
2	24	95	21	NO			81.5	100.8
2	24	95	22	NO			77.8	100.3
2	24	95	23	NO			61.8	100.0
2	25	95	0	RL			129.9	100.0
2	25	95	1	RL			116.2	100.0
2	25	95	2	RL			118.9	100.1
2	25	95	3	RL			163.0	100.1
2	25	95	4	RL			171.7	100.2
2	25	95	5	NO			105.9	100.1
2	25	95	6	NO			62.5	100.2
2	25	95	7	NO			75.6	100.2
2	25	95	8	NO			65.5	100.1
2	25	95	9	NO			163.4	100.2
2	25	95	10	NO			87.3	100.1
2	25	95	11	NO			78.1	100.1
2	25	95	12	NO			224.9	100.4
2	25	95	13	NO			145.8	100.5
2	25	95	14	NO			76.6	100.5
2	25	95	15	NO			64.8	100.5
2	25	95	16	NO			64.3	100.5
2	25	95	17	NO			61.5	100.4
2	25	95	18	NO			74.8	100.3
2	25	95	19	NO			54.9	100.2
2	25	95	20	NO			44.2	99.9
2	25	95	21	NO			93.1	99.4
2	25	95	22	NO			113.1	99.1
2	25	95	23	NO			113.8	99.2
2	26	95	0	RL			161.2	99.3
2	26	95	1	RL			189.6	99.4
2	26	95	2	RL			158.1	99.6
2	26	95	3	RL			147.4	99.7
2	26	95	4	RL			157.6	99.9
2	26	95	5	NO			108.4	99.9
2	26	95	6	NO			73.2	99.9
2	26	95	7	NO			70.8	99.9
2	26	95	8	NO			63.0	99.9
2	26	95	9	NO			39.7	99.9
2	26	95	10	NO			55.6	99.8
2	26	95	11	NO			44.7	99.5
2	26	95	12	NO			38.3	99.1
2	26	95	13	NO			57.1	99.0
2	26	95	14	RL			87.0	98.9
2	26	95	15	RL			548.3	99.5
2	26	95	16	RL			423.8	100.0
2	26	95	17	NO			56.6	99.7
2	26	95	18	NO			34.9	99.1
2	26	95	19	NO			50.4	98.5
2	26	95	20	NO			62.3	98.0
2	26	95	21	NO			55.2	97.6
2	26	95	22	NO			52.1	97.4
2	26	95	23	RL			172.0	97.5
2	27	95	0	RL			150.8	97.6
2	27	95	1	RL			314.5	97.9
2	27	95	2	RL			205.3	98.2
2	27	95	3	RL			88.3	98.2
2	27	95	4	RL			200.9	98.4
2	27	95	5	NO			215.0	98.6
2	27	95	6	NO/WO			162.7	98.6
2	27	95	7	NO/WO			94.8	98.6
2	27	95	8	NO/WO			99.3	98.7
2	27	95	9	NO/WO			204.0	98.7
2	27	95	10	NO/WO			66.7	98.7
2	27	95	11	NO/WO			52.8	98.4
2	27	95	12	NO/WO			54.9	98.5
2	27	95	13	NO/WO			50.5	98.5
2	27	95	14	NO/WO			84.1	98.5
2	27	95	15	NO/WO			101.2	98.6
2	27	95	16	NO/WO			43.4	98.6
2	27	95	17	NO/WO			51.7	98.6
2	27	95	18	NO/WO			53.7	98.5
2	27	95	19	NO/WO			65.9	98.5
2	27	95	20	NO/WO			44.1	98.4
2	27	95	21	NO/WO			50.2	98.3
2	27	95	22	NO/WO			92.7	98.2
2	27	95	23	NO/WO			93.1	98.2
2	28	95	0	NO			84.5	98.2

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
2	28	95	1	RL			185.4	98.4
2	28	95	2	NO			144.0	98.5
2	28	95	3	RL			218.1	98.8
2	28	95	4	MF			300.6	99.1
2	28	95	5	NO			238.0	99.4
2	28	95	6	NO/WO			184.2	99.6
2	28	95	7	NO/WO			120.4	99.6
2	28	95	8	MF/WO/PF			379.6	100.1
2	28	95	9	MF/WO/PF			215.5	100.3
2	28	95	10	MF/WO/PF			24.5	100.2
2	28	95	11	MF/WO/PF			7.3	100.0
2	28	95	12	MF/WO/PF			183.2	100.1
2	28	95	13	MF/WO/PF			83.1	100.1
2	28	95	14	MF/WO/PF			262.1	100.4
2	28	95	15	MF/WO/PF			201.2	100.6
2	28	95	16	MF/WO/PF			237.9	100.8
2	28	95	17	MF/WO/PF			215.1	101.0
2	28	95	18	NO/WO			127.3	101.1
2	28	95	19	NO/WO			121.9	101.1
2	28	95	20	NO/WO			91.3	101.0
2	28	95	21	NO/WO			153.9	101.0
2	28	95	22	NO/WO			70.0	101.0
2	28	95	23	NO/WO			63.5	100.9
3	1	95	0	NO			63.6	100.8
3	1	95	1	NO			65.9	100.7
3	1	95	2	NO			84.6	100.7
3	1	95	3	RL			87.5	100.7
3	1	95	4	RL			86.0	100.6
3	1	95	5	NO			47.7	100.6
3	1	95	6	NO			95.2	100.7
3	1	95	7	NO			65.9	100.6
3	1	95	8	NO			63.3	100.5
3	1	95	9	NO			92.8	100.5
3	1	95	10	NO			90.2	100.4
3	1	95	11	NO			106.0	100.5
3	1	95	12	NO			60.5	100.5
3	1	95	13	NO			74.9	100.5
3	1	95	14	NO			53.0	100.5
3	1	95	15	NO			37.5	100.4
3	1	95	16	NO			54.8	100.2
3	1	95	17	NO			57.6	100.1
3	1	95	18	NO			60.7	100.2
3	1	95	19	NO			57.3	99.9
3	1	95	20	NO			56.3	99.7
3	1	95	21	NO			53.7	99.7
3	1	95	22	NO			66.4	99.5
3	1	95	23	NO			83.2	98.8
3	2	95	0	RL			75.6	98.1
3	2	95	1	RL			50.6	97.5
3	2	95	2	RL			54.3	97.1
3	2	95	3	RL			44.7	97.0
3	2	95	4	RL			43.5	96.9
3	2	95	5	NO			38.7	96.8
3	2	95	6	NO			42.1	96.6
3	2	95	7	NO			43.0	96.5
3	2	95	8	NO			47.9	96.4
3	2	95	9	NO			51.2	95.8
3	2	95	10	NO			77.8	95.2
3	2	95	11	NO			101.7	95.0
3	2	95	12	NO			72.3	94.9
3	2	95	13	NO			62.5	94.8
3	2	95	14	NO			58.7	94.7
3	2	95	18	NO			179.2	94.8
3	2	95	19	NO			140.2	94.9
3	2	95	20	NO			58.7	94.8
3	2	95	21	NO			88.9	94.8
3	2	95	22	NO			53.2	94.7
3	2	95	23	RL			62.0	94.4
3	3	95	0	RL			56.9	94.1
3	3	95	1	RL			65.8	93.9
3	3	95	2	RL			70.6	93.9
3	3	95	3	RL			48.4	93.9
3	3	95	4	NO			44.3	93.8
3	3	95	5	NO			43.4	93.8
3	3	95	6	NO			48.5	93.8
3	3	95	7	NO			55.2	93.9
3	3	95	8	NO			63.8	93.9
3	3	95	9	NO			84.5	93.9
3	3	95	10	NO			60.3	93.8
3	3	95	11	NO			51.5	93.5
3	3	95	12	NO			50.2	93.4
3	3	95	13	NO			70.9	93.3
3	3	95	14	NO			66.1	93.3

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
3	3	95	15	NO			89.5	93.4
3	3	95	16	NO			80.8	93.4
3	3	95	17	NO			120.0	93.5
3	3	95	18	NO			86.8	93.5
3	3	95	19	NO			114.9	93.6
3	3	95	20	NO			125.3	93.7
3	3	95	21	NO			197.9	93.9
3	3	95	22	NO			101.6	93.9
3	3	95	23	RL			83.2	94.0
3	4	95	0	RL			75.1	94.1
3	4	95	1	RL			65.8	94.1
3	4	95	2	RL			72.9	94.1
3	4	95	3	MF			185.8	94.3
3	4	95	7	SS			241.1	94.5
3	4	95	8	NO			60.3	94.6
3	4	95	9	NO			94.8	94.5
3	4	95	10	NO			62.3	94.4
3	4	95	11	NO			80.4	94.3
3	4	95	12	MF			193.4	94.3
3	4	95	13	NO			169.0	94.1
3	4	95	14	NO			52.1	93.8
3	4	95	15	NO			66.3	93.5
3	4	95	16	NO			64.3	93.6
3	4	95	17	NO			55.0	93.7
3	4	95	18	NO			55.4	93.7
3	4	95	19	NO			132.5	93.8
3	4	95	20	NO			81.8	93.9
3	4	95	21	NO			84.2	93.9
3	4	95	22	NO			92.3	93.9
3	4	95	23	NO			81.8	93.9
3	5	95	0	RL			60.5	93.9
3	5	95	1	RL			59.1	93.8
3	5	95	2	RL			56.7	93.8
3	5	95	3	RL			78.0	93.8
3	5	95	4	RL			90.6	93.7
3	5	95	5	NO			51.0	93.7
3	5	95	6	NO			74.0	93.7
3	5	95	7	NO			117.7	93.7
3	5	95	8	NO			137.1	93.7
3	5	95	9	NO			60.0	93.2
3	5	95	10	NO			74.1	93.1
3	5	95	11	NO			59.0	93.1
3	5	95	12	NO			60.8	93.0
3	5	95	13	NO			98.7	92.8
3	5	95	14	NO			115.2	92.8
3	5	95	15	NO			77.3	92.8
3	5	95	16	NO			66.8	92.7
3	5	95	17	NO			67.9	92.6
3	5	95	18	NO			64.6	92.7
3	5	95	19	NO			55.7	92.7
3	5	95	20	NO			59.6	92.6
3	5	95	21	NO			56.9	92.5
3	5	95	22	NO			48.8	92.5
3	5	95	23	RL			101.0	92.6
3	6	95	0	RL			119.0	92.7
3	6	95	1	RL			118.6	92.7
3	6	95	2	RL			124.7	92.7
3	6	95	3	RL			113.1	92.7
3	6	95	4	RL			99.6	92.6
3	6	95	5	NO			99.0	92.7
3	6	95	6	NO			68.8	92.7
3	6	95	7	NO			53.6	92.7
3	6	95	8	NO			90.8	92.7
3	6	95	9	NO			47.1	92.6
3	6	95	10	NO			64.9	92.4
3	6	95	11	NO			60.1	92.3
3	6	95	12	RL/WO			208.6	92.4
3	6	95	13	RL/WO			187.6	92.3
3	6	95	14	RL/WO			160.7	92.1
3	6	95	15	RL/WO			397.4	92.5
3	6	95	16	RL/WO/PF			113.0	92.0
3	6	95	17	NO/WO/PF			20.7	91.3
3	6	95	18	NO/WO/PF			24.5	90.7
3	6	95	19	NO/WO/PF			128.3	90.8
3	6	95	20	RL/WO/PF			554.6	91.1
3	6	95	21	RL/WO/PF			532.9	91.7
3	6	95	22	NO/WO/PF			269.0	92.0
3	6	95	23	RL			77.6	92.0
3	7	95	0	RL			83.8	92.0
3	7	95	1	RL			108.3	92.1
3	7	95	2	RL			93.5	92.1
3	7	95	3	RL			109.7	92.1
3	7	95	4	RL			252.0	92.3

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
3	7	95	5	NO			71.2	92.4
3	7	95	6	NO			62.8	92.2
3	7	95	7	NO			63.6	92.1
3	7	95	8	NO			77.1	92.1
3	7	95	9	NO			69.8	92.2
3	7	95	10	NO			46.8	92.2
3	7	95	11	NO			52.0	92.2
3	7	95	12	NO			137.3	92.3
3	7	95	13	NO			185.9	92.6
3	7	95	14	NO			103.1	92.6
3	7	95	15	MF			166.5	92.7
3	7	95	16	MF			140.7	92.8
3	7	95	17	NO			76.7	92.7
3	7	95	18	NO			90.3	92.7
3	7	95	19	NO			54.1	92.7
3	7	95	20	NO			44.0	92.7
3	7	95	21	NO			68.3	92.7
3	7	95	22	NO			51.7	92.7
3	7	95	23	NO			185.8	92.8
3	8	95	0	RL			131.4	92.8
3	8	95	1	RL			101.1	92.6
3	8	95	2	RL			108.0	92.4
3	8	95	3	RL			87.5	92.3
3	8	95	4	RL			101.4	92.3
3	8	95	5	NO			74.8	92.1
3	8	95	6	NO			101.9	92.2
3	8	95	7	NO			51.8	92.2
3	8	95	8	NO			47.7	92.2
3	8	95	9	NO			62.7	92.3
3	8	95	10	NO			75.9	92.3
3	8	95	11	NO			58.6	92.3
3	8	95	12	NO			70.6	92.4
3	8	95	13	NO			58.8	92.4
3	8	95	14	NO			54.5	92.4
3	8	95	15	NO			51.9	92.4
3	8	95	16	NO			44.0	92.4
3	8	95	17	NO			80.5	92.5
3	8	95	18	NO			83.3	92.5
3	8	95	19	NO			71.2	92.5
3	8	95	20	NO			54.9	92.5
3	8	95	21	NO			51.9	92.5
3	8	95	22	NO			51.6	92.5
3	8	95	23	RL			61.9	92.5
3	9	95	0	RL			65.2	92.4
3	9	95	1	RL			299.1	92.5
3	9	95	2	RL			281.8	92.8
3	9	95	3	RL			154.4	92.9
3	9	95	4	NO			91.1	92.9
3	9	95	5	NO			77.0	92.9
3	9	95	6	NO			54.3	92.9
3	9	95	7	NO			51.0	92.9
3	9	95	8	NO			54.2	92.9
3	9	95	9	NO			51.8	92.9
3	9	95	10	NO			52.3	92.9
3	9	95	11	NO			52.1	92.8
3	9	95	12	NO			53.5	92.8
3	9	95	13	NO			79.5	92.9
3	9	95	14	NO			42.7	92.9
3	9	95	15	NO			41.6	92.9
3	9	95	16	NO			41.6	92.9
3	9	95	17	NO			46.6	92.9
3	9	95	18	NO			54.6	92.9
3	9	95	19	NO			53.5	92.9
3	9	95	20	NO			76.6	92.9
3	9	95	21	NO			70.7	92.9
3	9	95	22	NO			95.6	93.0
3	9	95	23	RL/PF			377.7	93.4
3	10	95	0	RL/PF			314.4	93.8
3	10	95	1	RL/PF			286.7	94.1
3	10	95	2	RL			133.8	94.1
3	10	95	3	RL			499.6	94.8
3	10	95	4	NO			133.2	94.9
3	10	95	5	NO			40.6	94.7
3	10	95	6	NO			40.7	94.7
3	10	95	7	NO			45.6	94.7
3	10	95	8	NO/PF			143.2	94.8
3	10	95	9	NO/PF			83.0	94.9
3	10	95	10	NO			72.1	94.9
3	10	95	11	NO			55.1	94.9
3	10	95	12	NO			55.2	94.9
3	10	95	13	NO			66.4	95.0
3	10	95	14	NO			67.6	95.0
3	10	95	15	NO			64.8	95.0

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
3	10	95	16	NO			67.6	95.0
3	10	95	17	NO			63.1	95.0
3	10	95	18	NO			65.9	95.0
3	10	95	19	NO			53.0	95.0
3	10	95	20	NO			58.3	95.0
3	10	95	21	NO			68.6	95.0
3	10	95	22	NO			71.3	95.0
3	10	95	23	RL			132.6	95.1
3	11	95	0	RL			131.9	95.2
3	11	95	1	RL			195.1	95.4
3	11	95	2	RL			266.0	95.8
3	11	95	3	RL			197.8	96.0
3	11	95	4	RL			120.8	96.0
3	11	95	5	NO			72.9	96.0
3	11	95	6	NO			67.7	96.0
3	11	95	7	NO			77.3	96.1
3	11	95	8	NO			54.6	96.1
3	11	95	9	NO			51.8	96.1
3	11	95	10	MF/BO			422.8	96.6
3	11	95	11	SS			73.8	96.6
3	11	95	12	NO			41.6	96.7
3	11	95	13	NO			41.6	96.7
3	11	95	14	NO			35.2	96.7
3	11	95	15	NO			42.7	96.7
3	11	95	16	NO			44.3	96.7
3	11	95	17	NO			42.2	96.7
3	11	95	18	NO			50.9	96.7
3	11	95	19	NO			53.0	96.6
3	11	95	20	NO			74.7	96.5
3	11	95	21	NO			77.1	96.4
3	11	95	22	MF			212.3	96.6
3	11	95	23	RL			331.0	96.6
3	12	95	0	RL			100.4	96.6
3	12	95	1	RL			162.3	96.7
3	12	95	2	RL			337.0	96.9
3	12	95	3	RL			396.5	97.3
3	12	95	4	NO			82.7	97.4
3	12	95	5	NO			57.2	97.4
3	12	95	6	NO			62.9	97.4
3	12	95	7	NO			52.5	97.4
3	12	95	8	NO			57.1	97.4
3	12	95	9	NO			56.0	97.4
3	12	95	10	NO			50.2	97.4
3	12	95	11	NO			56.1	97.4
3	12	95	12	NO			64.8	97.4
3	12	95	13	NO			63.8	97.4
3	12	95	14	NO			59.5	97.4
3	12	95	15	NO			62.9	97.5
3	12	95	16	NO			65.6	97.5
3	12	95	17	NO			69.6	97.5
3	12	95	18	NO			75.2	97.5
3	12	95	19	NO			65.0	97.5
3	12	95	20	NO			57.5	97.5
3	12	95	21	NO			54.0	97.4
3	12	95	22	NO			64.4	97.4
3	12	95	23	RL			379.0	97.9
3	13	95	0	RL			271.7	98.2
3	13	95	1	RL			98.5	98.2
3	13	95	2	RL			141.8	98.3
3	13	95	3	RL			124.0	98.4
3	13	95	4	RL			246.7	98.6
3	13	95	5	RL			104.6	98.7
3	13	95	6	NO			45.5	98.5
3	13	95	7	NO			52.6	98.4
3	13	95	8	NO			51.3	98.0
3	13	95	9	NO			55.2	98.0
3	13	95	10	NO			79.0	98.1
3	13	95	11	NO			68.6	98.1
3	13	95	12	NO			62.8	98.1
3	13	95	13	NO			78.8	98.2
3	13	95	14	NO			82.0	98.2
3	13	95	15	RL			116.9	98.1
3	13	95	16	RL			71.6	97.8
3	13	95	17	RL			35.6	97.8
3	13	95	18	NO			43.8	97.7
3	13	95	19	NO			76.5	97.6
3	13	95	20	NO			78.8	97.5
3	13	95	21	RL			91.7	97.5
3	13	95	22	NO			69.1	97.4
3	13	95	23	NO			67.6	97.4
3	14	95	0	RL			65.6	97.4
3	14	95	1	RL			74.9	97.4
3	14	95	2	RL			109.3	97.0

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
3	14	95	3	RL			98.7	96.5
3	14	95	4	RL			69.2	96.4
3	14	95	5	RL			46.4	95.9
3	14	95	6	NO			51.1	95.7
3	14	95	7	NO			56.4	95.6
3	14	95	8	NO			61.1	95.6
3	14	95	9	NO			49.1	95.4
3	14	95	10	NO			60.9	95.3
3	14	95	11	NO			59.4	95.3
3	14	95	12	NO			55.8	95.3
3	14	95	13	NO			51.9	95.3
3	14	95	14	NO			51.6	95.3
3	14	95	15	NO			54.0	95.3
3	14	95	16	NO			48.7	95.2
3	14	95	17	NO			41.5	95.2
3	14	95	18	NO			46.9	95.1
3	14	95	19	NO			44.8	95.0
3	14	95	20	NO			50.9	94.7
3	14	95	21	NO			50.1	94.4
3	14	95	22	NO			47.5	94.1
3	14	95	23	RL			60.3	93.7
3	15	95	0	RL			84.3	93.7
3	15	95	1	RL			254.3	94.1
3	15	95	2	RL			354.8	94.5
3	15	95	3	RL			88.9	94.7
3	15	95	4	RL			47.8	94.7
3	15	95	5	RL			73.1	94.6
3	15	95	6	NO			99.8	94.6
3	15	95	7	NO			48.1	94.4
3	15	95	8	NO			52.7	93.9
3	15	95	9	NO			55.1	93.8
3	15	95	10	RL			63.8	93.8
3	15	95	11	RL			53.2	93.8
3	15	95	12	NO			52.2	93.7
3	15	95	13	NO			45.6	93.4
3	15	95	14	NO			39.9	93.2
3	15	95	15	NO			39.9	93.1
3	15	95	16	RL			63.9	93.1
3	15	95	17	NO			52.9	93.1
3	15	95	18	NO			46.8	93.1
3	15	95	19	NO			58.6	93.1
3	15	95	20	NO			58.6	93.0
3	15	95	21	NO			108.7	93.0
3	15	95	22	NO			86.1	93.0
3	15	95	23	NO			99.8	93.0
3	16	95	0	RL			295.3	93.3
3	16	95	1	RL			144.9	93.4
3	16	95	2	RL			185.3	93.3
3	16	95	3	RL			99.0	92.6
3	16	95	4	RL			96.1	92.4
3	16	95	5	NO			99.4	92.4
3	16	95	6	NO			101.3	92.4
3	16	95	7	NO			62.1	92.4
3	16	95	8	NO			46.4	92.4
3	16	95	9	NO			39.6	92.3
3	16	95	10	NO			111.6	92.4
3	16	95	11	NO			50.9	92.5
3	16	95	12	NO			43.5	92.5
3	16	95	13	NO			59.0	92.5
3	16	95	14	NO			79.8	92.6
3	16	95	15	NO			38.9	92.6
3	16	95	16	NO/WO			37.0	92.5
3	16	95	17	NO/WO			37.3	92.4
3	16	95	18	NO/WO			50.6	92.4
3	16	95	19	NO			70.0	92.4
3	16	95	20	NO			50.4	92.4
3	16	95	21	NO			55.6	92.3
3	16	95	22	NO			42.8	92.3
3	16	95	23	NO			45.5	92.3
3	17	95	0	RL			49.8	92.2
3	17	95	1	RL			56.2	92.0
3	17	95	2	RL			56.0	92.0
3	17	95	3	RL			80.2	92.0
3	17	95	4	RL			66.8	91.9
3	17	95	5	NO			48.1	91.7
3	17	95	6	NO			43.6	91.6
3	17	95	7	NO			48.3	91.5
3	17	95	8	NO			40.8	91.4
3	17	95	9	NO			46.2	91.3
3	17	95	10	NO			46.1	91.3
3	17	95	11	NO			44.6	91.3
3	17	95	12	NO			45.8	91.3
3	17	95	13	NO			58.2	91.3

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
3	17	95	14	NO			131.7	91.4
3	17	95	15	NO			52.2	91.4
3	17	95	16	NO			51.8	91.4
3	17	95	17	NO			100.8	91.4
3	17	95	18	NO			59.2	91.4
3	17	95	19	NO			46.6	91.4
3	17	95	20	NO			53.0	91.4
3	17	95	21	NO			51.8	91.4
3	17	95	22	NO			47.5	91.3
3	17	95	23	RL			61.0	91.3
3	18	95	0	RL			66.4	91.3
3	18	95	1	RL			72.4	91.3
3	18	95	2	RL			68.6	91.3
3	18	95	3	RL			94.7	91.3
3	18	95	4	RL			51.1	91.3
3	18	95	5	NO			38.3	91.3
3	18	95	6	NO			47.5	91.2
3	18	95	7	NO			45.8	91.2
3	18	95	8	NO			60.1	91.2
3	18	95	9	NO			54.0	91.2
3	18	95	10	NO			50.6	91.2
3	18	95	11	NO			56.2	91.2
3	18	95	12	NO			69.5	91.2
3	18	95	13	NO			75.5	91.2
3	18	95	14	NO			168.7	91.4
3	18	95	15	MF			209.1	91.5
3	18	95	16	MF			277.5	91.6
3	18	95	17	NO			83.8	91.6
3	18	95	18	NO			116.6	91.6
3	18	95	19	NO			50.2	91.6
3	18	95	20	NO			46.6	91.6
3	18	95	21	NO			53.6	91.5
3	18	95	22	NO			48.5	91.5
3	18	95	23	RL			89.6	91.5
3	19	95	0	RL			93.0	91.6
3	19	95	1	RL			76.2	91.3
3	19	95	2	RL			75.4	91.3
3	19	95	3	SS			97.2	91.3
3	19	95	15	SS			449.7	91.9
3	19	95	16	NO			62.7	91.8
3	19	95	17	NO			53.2	91.7
3	19	95	18	NO			129.7	91.8
3	19	95	19	NO			66.9	91.8
3	19	95	20	NO			55.5	91.8
3	19	95	21	NO			63.9	91.8
3	19	95	22	NO			63.4	91.8
3	19	95	23	NO			71.0	91.9
3	20	95	0	RL			71.2	91.9
3	20	95	1	RL			86.9	92.0
3	20	95	2	RL			73.3	92.0
3	20	95	3	RL			88.1	92.1
3	20	95	4	RL			66.0	92.1
3	20	95	5	NO			61.4	92.1
3	20	95	6	NO			92.5	92.0
3	20	95	7	NO			50.9	92.0
3	20	95	8	NO			70.3	92.1
3	20	95	9	NO			75.5	92.1
3	20	95	10	NO			85.6	92.2
3	20	95	11	NO			99.1	92.2
3	20	95	12	NO			118.4	92.4
3	20	95	13	NO			55.2	92.4
3	20	95	14	NO			59.9	92.4
3	20	95	15	NO			63.1	92.5
3	20	95	16	NO			87.0	92.6
3	20	95	17	NO			67.8	92.6
3	20	95	18	NO			62.4	92.7
3	20	95	19	NO			64.9	92.7
3	20	95	20	NO			77.6	92.8
3	20	95	21	NO			155.6	92.9
3	20	95	22	RL			572.6	93.7
3	20	95	23	RL			456.6	94.2
3	21	95	0	RL			153.2	94.4
3	21	95	1	RL			173.9	94.5
3	21	95	2	RL			101.7	94.6
3	21	95	3	RL			170.8	94.7
3	21	95	4	RL			228.7	95.0
3	21	95	5	RL			293.3	95.4
3	21	95	6	NO			48.9	95.4
3	21	95	7	NO			60.4	95.3
3	21	95	8	NO			50.6	95.2
3	21	95	9	NO			62.5	95.2
3	21	95	10	NO			92.5	95.3
3	21	95	11	NO			75.0	95.4

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
3	21	95	12	NO			67.9	95.4
3	21	95	13	NO			91.7	95.3
3	21	95	14	NO			86.9	95.2
3	21	95	15	NO			88.1	95.0
3	21	95	16	NO			118.6	95.1
3	21	95	17	NO			99.9	95.0
3	21	95	18	NO			95.1	95.0
3	21	95	19	NO			98.3	94.6
3	21	95	20	NO			87.2	93.9
3	21	95	21	NO			84.4	93.6
3	21	95	22	NO			104.8	93.3
3	21	95	23	RL			104.5	93.3
3	22	95	0	RL			94.1	93.1
3	22	95	1	RL			92.5	92.5
3	22	95	2	RL			77.9	92.1
3	22	95	3	RL			67.7	92.2
3	22	95	4	RL			77.3	92.2
3	22	95	5	RL			63.8	92.3
3	22	95	6	NO			92.1	92.2
3	22	95	7	NO			104.0	92.3
3	22	95	8	NO			95.1	92.3
3	22	95	9	NO			127.7	92.5
3	22	95	10	NO			77.7	92.5
3	22	95	11	NO			96.7	92.6
3	22	95	12	NO			119.7	92.7
3	22	95	13	NO			104.0	92.7
3	22	95	14	NO			86.6	92.8
3	22	95	15	NO			93.7	92.8
3	22	95	16	NO			82.6	92.7
3	22	95	17	NO			89.1	92.7
3	22	95	18	NO			70.7	92.8
3	22	95	19	NO			65.1	92.8
3	22	95	20	NO			69.5	92.9
3	22	95	21	SS			298.3	93.2
3	22	95	22	RL			296.3	93.6
3	22	95	23	RL			114.2	93.7
3	23	95	0	RL			103.5	93.8
3	23	95	1	RL			182.3	94.0
3	23	95	2	RL			161.0	94.2
3	23	95	3	RL			107.2	94.3
3	23	95	4	RL			88.2	94.4
3	23	95	5	RL			78.1	94.5
3	23	95	6	NO			141.9	94.6
3	23	95	7	NO			175.5	94.8
3	23	95	8	NO			86.3	94.9
3	23	95	9	NO			114.5	95.0
3	23	95	10	NO			82.3	95.1
3	23	95	11	NO			87.1	95.1
3	23	95	12	NO			100.0	95.2
3	23	95	13	NO			53.3	95.2
3	23	95	14	NO			51.2	95.2
3	23	95	15	NO			109.1	95.3
3	23	95	16	NO			82.3	95.4
3	23	95	17	NO			237.2	95.7
3	23	95	18	NO			118.4	95.8
3	23	95	19	NO			191.9	96.1
3	23	95	20	NO			288.4	96.4
3	23	95	21	NO			128.4	96.6
3	23	95	22	RL			160.2	96.8
3	23	95	23	RL			226.3	97.0
3	24	95	0	RL			76.1	97.1
3	24	95	1	RL			85.4	97.2
3	24	95	2	RL			180.8	97.4
3	24	95	3	RL			177.1	97.6
3	24	95	4	RL			80.5	97.7
3	24	95	5	NO			71.7	97.8
3	24	95	6	NO			71.4	97.8
3	24	95	7	NO			52.1	97.9
3	24	95	8	NO			69.8	97.7
3	24	95	9	NO			50.4	97.7
3	24	95	10	NO			81.7	97.7
3	24	95	11	NO			40.7	97.7
3	24	95	12	SS			88.4	97.6
3	24	95	15	MF			3.5	97.4
3	24	95	16	MF			2.6	97.3
3	24	95	17	MF			41.4	97.3
3	24	95	18	RL			193.9	97.6
3	24	95	19	RL			58.7	97.6
3	24	95	20	RL			55.6	97.7
3	24	95	21	RL			54.0	97.6
3	24	95	22	RL			57.5	97.6
3	24	95	23	RL			85.2	97.5
3	25	95	0	RL			170.5	97.7

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
3	25	95	1	RL			233.8	98.0
3	25	95	2	RL			133.1	98.2
3	25	95	3	RL			99.8	98.3
3	25	95	4	RL			91.8	98.4
3	25	95	5	NO			93.0	98.4
3	25	95	6	NO			51.2	98.3
3	25	95	7	NO			66.6	98.2
3	25	95	8	NO			121.8	98.3
3	25	95	9	NO			55.5	98.4
3	25	95	10	NO			54.5	98.4
3	25	95	11	NO			54.7	98.4
3	25	95	12	NO			48.8	98.4
3	25	95	13	NO			49.7	98.4
3	25	95	14	NO			82.6	98.5
3	25	95	15	NO			68.8	98.5
3	25	95	16	NO			69.7	98.5
3	25	95	17	NO			54.1	98.5
3	25	95	18	NO			66.3	98.6
3	25	95	19	NO			58.7	98.6
3	25	95	20	NO			52.2	98.5
3	25	95	21	NO			51.7	98.6
3	25	95	22	NO			48.0	98.6
3	25	95	23	RL			89.7	98.6
3	26	95	0	RL			141.9	98.8
3	26	95	1	RL			139.9	98.8
3	26	95	2	RL			163.8	99.0
3	26	95	3	RL			94.5	99.0
3	26	95	4	NO			76.7	99.0
3	26	95	5	NO			63.2	99.1
3	26	95	6	NO			54.5	99.0
3	26	95	7	NO			92.1	99.0
3	26	95	8	NO			45.5	98.8
3	26	95	9	NO			90.0	98.8
3	26	95	10	NO			78.4	98.9
3	26	95	11	NO			60.0	98.9
3	26	95	12	NO			45.2	98.9
3	26	95	13	NO			57.0	98.9
3	26	95	14	NO			91.8	98.6
3	26	95	15	NO			81.4	98.6
3	26	95	16	NO			68.6	98.5
3	26	95	17	NO			109.2	97.9
3	26	95	18	NO			138.3	97.8
3	26	95	19	NO			95.9	97.7
3	26	95	20	NO			56.1	97.7
3	26	95	21	NO			64.2	97.7
3	26	95	22	NO			83.9	97.5
3	26	95	23	RL			124.2	97.5
3	27	95	0	RL			239.6	97.7
3	27	95	1	RL			232.3	97.9
3	27	95	2	RL			71.7	97.9
3	27	95	3	RL			85.1	97.8
3	27	95	4	RL			117.8	97.9
3	27	95	5	NO			101.6	97.8
3	27	95	6	NO			63.8	97.8
3	27	95	7	NO			63.7	97.7
3	27	95	8	NO			49.7	97.6
3	27	95	9	NO			89.0	97.6
3	27	95	10	NO			96.0	97.5
3	27	95	11	NO			148.5	97.5
3	27	95	12	NO			68.4	97.4
3	27	95	13	NO			83.2	97.2
3	27	95	14	RL			66.0	97.3
3	27	95	15	RL			74.7	97.3
3	27	95	16	NO			60.0	97.3
3	27	95	17	NO			50.6	97.2
3	27	95	18	NO			99.0	97.3
3	27	95	19	NO			113.4	97.3
3	27	95	20	NO			75.0	97.2
3	27	95	21	NO			92.6	97.2
3	27	95	22	NO			80.1	97.0
3	27	95	23	RL			313.6	97.2
3	28	95	0	RL			34.2	97.1
3	28	95	1	RL			213.5	97.4
3	28	95	2	RL			475.8	97.9
3	28	95	3	RL			386.0	98.4
3	28	95	4	RL			300.1	98.5
3	28	95	5	NO			78.6	98.5
3	28	95	6	NO			102.5	98.6
3	28	95	7	NO			79.6	98.4
3	28	95	8	NO			69.1	98.3
3	28	95	9	NO			126.1	98.3
3	28	95	10	NO			67.3	98.3
3	28	95	11	MF/PF			221.2	98.5

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
3	28	95	12	MF/PF			158.3	98.7
3	28	95	13	MF/PF			224.9	98.9
3	28	95	14	NO			263.6	99.2
3	28	95	15	NO			169.1	99.4
3	28	95	16	NO			60.1	99.3
3	28	95	17	NO			48.4	99.2
3	28	95	18	NO			50.2	99.1
3	28	95	19	NO			69.1	99.0
3	28	95	20	NO			140.5	98.9
3	28	95	21	NO			164.1	98.9
3	28	95	22	NO			146.3	98.9
3	28	95	23	NO			88.0	98.8
3	29	95	0	RL			75.9	98.8
3	29	95	1	RL			89.1	98.8
3	29	95	2	MF			207.5	99.0
3	29	95	3	MF			372.6	99.4
3	29	95	4	RL			248.1	99.7
3	29	95	5	NO			119.5	99.8
3	29	95	6	NO			132.3	99.9
3	29	95	7	NO			258.6	100.2
3	29	95	8	NO			447.2	100.8
3	29	95	9	NO			266.3	101.0
3	29	95	10	NO			327.7	100.7
3	29	95	11	NO			157.1	100.4
3	29	95	12	MF/PF			130.7	100.5
3	29	95	13	MF/PF			308.3	100.8
3	29	95	14	MF/PF			250.2	101.1
3	29	95	15	MF/PF			146.2	101.2
3	29	95	16	RL			48.2	101.2
3	29	95	17	NO			67.3	101.2
3	29	95	18	NO			104.6	101.2
3	29	95	19	NO			276.6	101.3
3	29	95	20	NO			218.9	101.2
3	29	95	21	NO			196.0	101.2
3	29	95	22	NO			163.7	101.3
3	29	95	23	NO			82.1	101.1
3	30	95	0	RL			176.4	101.1
3	30	95	1	RL			184.3	101.1
3	30	95	2	RL			255.6	101.3
3	30	95	3	RL			388.9	101.7
3	30	95	4	NO			184.6	101.7
3	30	95	5	NO			135.0	101.8
3	30	95	6	RL			203.9	102.0
3	30	95	7	NO			169.5	102.2
3	30	95	8	NO			81.4	102.2
3	30	95	9	NO			216.1	102.4
3	30	95	10	NO			279.4	102.6
3	30	95	11	NO			200.7	102.9
3	30	95	12	NO			96.3	102.9
3	30	95	13	NO			81.4	103.0
3	30	95	14	NO			58.3	102.9
3	30	95	15	NO			163.4	103.1
3	30	95	16	NO			204.2	103.3
3	30	95	17	NO			63.4	103.3
3	30	95	18	NO			75.3	103.3
3	30	95	19	NO			109.5	103.3
3	30	95	20	NO			127.4	103.2
3	30	95	21	MF/PF			72.2	103.1
3	30	95	22	MF/PF			10.7	102.8
3	30	95	23	MF/PF			48.9	102.5
3	31	95	0	RL			61.4	102.2
3	31	95	1	RL			69.7	102.1
3	31	95	2	RL			75.9	102.0
3	31	95	3	RL			107.9	101.6
3	31	95	4	RL			124.4	101.5
3	31	95	5	NO			113.3	101.6
3	31	95	6	NO			48.7	101.7
3	31	95	7	NO			64.3	101.5
3	31	95	8	NO			174.1	101.6
3	31	95	9	NO			52.1	101.4
3	31	95	10	NO			74.0	101.2
3	31	95	11	NO			82.7	101.0
3	31	95	12	NO			47.2	100.7
3	31	95	13	NO			110.3	100.7
3	31	95	14	NO			38.6	100.6
3	31	95	15	NO			40.5	100.5
3	31	95	16	NO			55.8	100.4
3	31	95	17	NO			84.2	100.4
3	31	95	18	NO			48.8	100.4
3	31	95	19	NO			77.2	100.4
3	31	95	20	NO			114.4	100.5
3	31	95	21	NO			282.7	100.7
3	31	95	22	NO			100.3	100.8

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
3	31	95	23	RL			65.7	100.7
4	1	95	0	RL			168.0	100.9
4	1	95	1	RL			308.2	101.2
4	1	95	2	RL			216.2	101.4
4	1	95	3	RL			289.5	101.7
4	1	95	4	RL			100.0	101.7
4	1	95	5	NO			114.2	101.8
4	1	95	6	RL			204.0	101.9
4	1	95	7	NO			297.5	102.2
4	1	95	8	NO			74.3	102.2
4	1	95	9	NO			67.1	102.2
4	1	95	10	NO			58.4	102.3
4	1	95	11	NO			53.2	102.3
4	1	95	12	RL			129.2	102.4
4	1	95	13	SS			271.1	102.7
4	1	95	14	NO			53.3	102.7
4	1	95	15	NO			65.5	102.7
4	1	95	16	NO			59.4	102.7
4	1	95	17	NO			62.8	102.7
4	1	95	18	NO			74.2	102.7
4	1	95	19	NO			75.0	102.7
4	1	95	20	NO			50.4	102.7
4	1	95	21	NO			66.8	102.7
4	1	95	22	RL			244.5	103.0
4	1	95	23	SS			174.4	103.1
4	9	95	19	SS			27.4	103.1
4	9	95	20	RL			129.8	103.2
4	9	95	21	NO			32.0	103.2
4	9	95	22	NO			56.3	103.2
4	9	95	23	SS			39.3	103.2
4	10	95	0	RL			12.1	103.1
4	10	95	1	RL			38.1	103.0
4	10	95	2	RL			54.4	103.0
4	10	95	3	RL			204.8	103.2
4	10	95	4	RL			106.8	103.3
4	10	95	5	RL			105.1	103.2
4	10	95	6	RL			78.7	103.1
4	10	95	7	RL			88.3	103.1
4	10	95	12	NO			33.7	103.1
4	10	95	13	NO			34.4	103.0
4	10	95	14	NO			33.4	103.0
4	10	95	15	NO			43.6	103.0
4	10	95	16	NO			29.4	102.9
4	10	95	17	NO			42.0	102.9
4	10	95	18	NO			69.3	102.9
4	10	95	19	NO			46.5	102.9
4	10	95	20	NO			46.1	102.9
4	10	95	21	NO			27.5	102.9
4	10	95	22	NO			96.4	103.0
4	10	95	23	RL			226.4	103.2
4	11	95	0	MF			175.5	103.3
4	11	95	1	RL			254.4	103.6
4	11	95	2	RL			252.7	103.9
4	11	95	3	RL			197.2	104.1
4	11	95	4	RL			210.1	104.3
4	11	95	5	RL			212.1	104.5
4	11	95	6	SS			158.7	104.5
4	11	95	7	RL			112.0	104.6
4	11	95	8	RL			23.2	104.5
4	11	95	13	NO			73.5	104.4
4	11	95	15	NO			39.7	104.3
4	11	95	16	NO			36.8	104.2
4	11	95	17	NO			40.6	104.0
4	11	95	18	NO			31.7	103.9
4	11	95	19	NO			44.5	103.8
4	11	95	20	NO			25.0	103.8
4	11	95	21	NO			29.0	103.7
4	11	95	22	RL			152.2	103.8
4	11	95	23	RL			236.4	103.9
4	12	95	0	RL			89.5	103.7
4	12	95	1	RL			56.8	103.7
4	12	95	2	MF			73.7	103.7
4	12	95	3	MF			44.9	103.6
4	12	95	4	RL			59.3	103.6
4	12	95	5	RL			61.8	103.4
4	12	95	6	RL			77.7	103.3
4	12	95	9	RL			28.1	103.3
4	12	95	10	RL			34.8	103.2
4	12	95	11	NO			61.8	103.2
4	12	95	12	MF			91.7	103.3
4	12	95	13	NO			27.0	103.2
4	12	95	14	NO			33.0	103.1
4	12	95	15	NO			26.1	103.0

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
4	12	95	16	NO			32.8	102.9
4	12	95	17	NO			28.7	102.9
4	12	95	18	NO			27.5	102.8
4	12	95	19	NO			22.8	102.7
4	12	95	20	NO			70.6	102.7
4	12	95	21	NO			66.0	102.8
4	12	95	22	RL			255.1	103.0
4	12	95	23	RL			120.2	103.0
4	13	95	0	RL			176.1	103.2
4	13	95	1	RL			110.7	103.3
4	13	95	2	RL			90.2	103.2
4	13	95	3	RL			95.4	103.2
4	13	95	4	RL			164.6	103.3
4	13	95	11	RL			54.7	103.3
4	13	95	12	MF			111.9	103.4
4	13	95	16	SS			7.6	103.3
4	13	95	17	RL			248.9	103.5
4	13	95	18	RL			76.2	103.4
4	13	95	19	NO			44.6	103.4
4	13	95	20	NO			29.4	103.3
4	13	95	21	MF			68.8	103.3
4	13	95	22	NO			32.5	103.3
4	13	95	23	RL			34.9	103.3
4	14	95	0	RL			38.0	103.2
4	14	95	1	MF/PF			151.0	103.4
4	14	95	2	MF/PF			97.2	103.4
4	14	95	3	RL			89.3	103.4
4	14	95	4	RL			151.4	103.5
4	14	95	5	RL			82.6	103.4
4	14	95	6	RL			74.0	103.3
4	14	95	7	RL			48.7	103.3
4	14	95	8	RL			43.8	103.2
4	14	95	9	RL			39.4	103.1
4	14	95	10	NO			29.6	103.0
4	14	95	11	NO			32.9	103.0
4	14	95	12	MF			209.7	103.2
4	14	95	13	NO			98.5	103.3
4	14	95	14	NO			45.0	103.2
4	14	95	15	NO			40.6	103.2
4	14	95	16	NO			45.5	103.0
4	14	95	17	NO			46.4	102.8
4	14	95	18	NO			52.0	102.6
4	14	95	19	NO			54.4	102.1
4	14	95	20	NO			59.4	102.1
4	14	95	21	NO			55.5	102.1
4	14	95	22	NO			50.9	102.2
4	14	95	23	RL			88.5	102.1
4	15	95	0	RL			238.5	101.7
4	15	95	1	RL			213.8	101.2
4	15	95	2	RL			170.1	101.1
4	15	95	3	RL			64.9	101.1
4	15	95	4	RL			67.9	101.0
4	15	95	5	RL			151.5	101.1
4	15	95	6	RL			153.6	101.2
4	15	95	7	RL			70.2	101.1
4	15	95	8	RL			145.6	101.0
4	15	95	9	RL			182.3	101.1
4	15	95	10	RL			41.4	101.1
4	15	95	11	NO			51.7	101.1
4	15	95	12	NO			37.8	101.0
4	15	95	13	NO			33.5	101.0
4	15	95	14	NO			32.0	101.0
4	15	95	15	MF			158.4	101.1
4	15	95	16	MF			201.8	101.2
4	15	95	17	NO			107.7	101.1
4	15	95	18	NO			57.8	101.0
4	15	95	19	NO			36.0	100.8
4	15	95	20	NO			30.5	100.7
4	15	95	21	NO			34.8	100.6
4	15	95	22	NO			73.5	100.6
4	15	95	23	MF			229.5	100.9
4	16	95	0	SS			266.1	101.2
4	16	95	1	RL			158.8	101.3
4	16	95	2	RL			68.9	101.3
4	16	95	3	RL			76.2	101.2
4	16	95	4	RL			68.5	101.1
4	16	95	5	RL			73.8	101.0
4	16	95	6	RL			67.9	101.0
4	16	95	7	RL			76.8	101.0
4	16	95	8	RL			114.3	101.0
4	16	95	9	RL			52.9	101.0
4	16	95	10	NO			157.0	101.0
4	16	95	11	NO			162.3	101.2

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
4	16	95	12	NO			108.0	101.3
4	16	95	13	NO			71.4	101.3
4	16	95	14	NO			58.9	101.3
4	16	95	15	NO			78.4	101.3
4	16	95	16	NO			48.9	101.3
4	16	95	17	NO			52.1	101.2
4	16	95	18	NO			45.4	101.2
4	16	95	19	MF			169.6	101.4
4	16	95	20	NO			49.8	101.4
4	16	95	21	NO			32.7	101.3
4	16	95	22	RL			51.2	101.3
4	16	95	23	RL			87.9	101.3
4	17	95	0	RL			94.5	101.4
4	17	95	1	RL			83.5	101.4
4	17	95	2	RL			56.3	101.4
4	17	95	3	RL			59.0	101.4
4	17	95	4	RL			60.7	101.4
4	17	95	5	RL			68.7	101.1
4	17	95	6	RL			64.3	100.8
4	17	95	7	RL			70.5	100.7
4	17	95	8	RL			75.6	100.7
4	17	95	9	RL			56.2	100.6
4	17	95	10	NO			85.8	100.7
4	17	95	11	NO			40.0	100.7
4	17	95	12	NO			36.1	100.6
4	17	95	13	NO			57.7	100.6
4	17	95	14	NO			42.3	100.6
4	17	95	15	NO			26.3	100.6
4	17	95	16	NO			61.4	100.6
4	17	95	17	NO			79.9	100.6
4	17	95	18	NO			39.1	100.6
4	17	95	19	NO			40.0	100.6
4	17	95	20	NO			38.4	100.6
4	17	95	21	NO			41.6	100.6
4	17	95	22	NO			50.5	100.6
4	17	95	23	RL			85.6	100.6
4	18	95	0	RL			55.6	100.6
4	18	95	1	RL			65.1	100.6
4	18	95	2	RL			76.3	100.6
4	18	95	3	RL			69.1	100.1
4	18	95	4	RL			62.3	99.8
4	18	95	5	RL			52.4	99.4
4	18	95	6	NO			36.5	99.3
4	18	95	7	NO			26.3	98.7
4	18	95	8	NO			22.2	98.5
4	18	95	9	NO			26.3	98.5
4	18	95	10	NO			28.9	98.5
4	18	95	11	NO			23.1	98.4
4	18	95	12	NO			0.0	98.2
4	18	95	13	NO			11.9	98.1
4	18	95	14	NO			4.4	98.0
4	18	95	15	NO			45.2	98.0
4	18	95	20	NO			43.0	98.0
4	18	95	21	NO			48.2	98.0
4	18	95	22	RL			72.0	98.0
4	18	95	23	RL			66.2	98.0
4	19	95	0	RL			60.8	98.0
4	19	95	1	RL			77.2	98.0
4	19	95	2	RL			65.9	98.0
4	19	95	3	RL			65.5	98.0
4	19	95	4	RL			67.9	98.0
4	19	95	5	RL			52.5	98.0
4	19	95	6	NO			48.5	98.0
4	19	95	7	NO			60.9	97.9
4	19	95	8	NO			208.9	98.0
4	19	95	9	NO			69.9	97.8
4	19	95	11	NO			54.9	97.5
4	19	95	12	NO			38.5	97.3
4	19	95	13	NO			104.0	97.3
4	19	95	14	NO			79.8	97.3
4	19	95	15	NO			36.8	97.2
4	19	95	16	NO			30.9	97.2
4	19	95	17	NO			37.7	97.2
4	19	95	18	NO			72.1	97.2
4	19	95	19	NO			41.5	96.7
4	19	95	20	NO			37.5	96.6
4	19	95	21	NO			38.1	96.6
4	19	95	22	NO			58.0	96.6
4	19	95	23	RL			65.3	96.7
4	20	95	0	RL			76.4	96.7
4	20	95	1	RL			117.3	96.8
4	20	95	2	RL			94.0	96.9
4	20	95	3	RL			217.8	97.1

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
4	20	95	4	SS			7.5	97.1
4	20	95	11	SS			249.4	97.3
4	20	95	12	NO			109.5	97.3
4	20	95	13	NO			67.4	97.1
4	20	95	14	NO			44.6	96.7
4	20	95	15	NO			38.8	96.7
4	20	95	16	NO			35.3	96.5
4	20	95	17	NO			37.5	96.1
4	20	95	18	NO			44.1	95.6
4	20	95	19	NO			39.8	95.5
4	20	95	20	NO			48.2	95.5
4	20	95	21	NO			71.0	95.5
4	20	95	22	RL			127.0	95.6
4	20	95	23	RL			89.6	95.7
4	21	95	0	RL			92.0	95.7
4	21	95	1	RL			85.7	95.8
4	21	95	2	RL			129.4	95.9
4	21	95	3	RL			209.2	96.1
4	21	95	4	RL			203.6	96.3
4	21	95	5	RL			92.9	96.3
4	21	95	6	NO			56.6	96.3
4	21	95	7	NO			52.5	96.3
4	21	95	9	NO			50.3	96.3
4	21	95	10	NO			56.2	96.2
4	21	95	11	NO			48.6	96.2
4	21	95	12	NO			41.2	96.2
4	21	95	13	NO			71.3	96.2
4	21	95	16	NO			57.2	96.2
4	21	95	17	NO			52.9	95.7
4	21	95	18	MF			169.7	95.6
4	21	95	19	NO			199.5	95.7
4	21	95	20	NO			66.7	95.6
4	21	95	21	NO			61.1	95.5
4	21	95	22	RL			91.1	95.3
4	21	95	23	RL			76.5	95.3
4	22	95	0	RL			62.5	95.3
4	22	95	1	RL			82.3	95.4
4	22	95	2	RL			92.5	95.4
4	22	95	3	RL			69.7	95.4
4	22	95	4	RL			60.5	95.4
4	22	95	5	RL			126.4	95.5
4	22	95	6	RL			130.1	95.6
4	22	95	7	RL			204.6	95.8
4	22	95	8	MF			198.6	95.9
4	22	95	9	MF			237.4	96.1
4	22	95	11	NO			52.0	96.1
4	22	95	12	NO			91.2	96.1
4	22	95	13	NO			65.9	96.2
4	22	95	14	NO			204.3	96.3
4	22	95	15	NO			41.3	96.3
4	22	95	16	NO			50.1	96.2
4	22	95	17	NO			57.8	96.2
4	22	95	18	NO			53.5	96.2
4	22	95	19	NO			50.3	96.2
4	22	95	20	NO			46.5	96.1
4	22	95	21	NO			51.1	96.1
4	22	95	22	RL			107.6	96.1
4	22	95	23	RL			146.0	96.2
4	23	95	0	RL			116.2	96.3
4	23	95	1	RL			114.2	96.4
4	23	95	2	RL			104.0	96.4
4	23	95	3	RL			130.5	96.5
4	23	95	4	RL			135.6	96.6
4	23	95	5	RL			90.0	96.7
4	23	95	6	RL			146.2	96.8
4	23	95	7	RL			93.6	96.9
4	23	95	8	RL			76.6	96.9
4	23	95	9	RL			92.0	96.9
4	23	95	10	NO			50.3	96.9
4	23	95	11	NO			52.0	96.9
4	23	95	12	NO			46.3	97.0
4	23	95	13	NO			47.7	97.0
4	23	95	14	NO			43.0	97.0
4	23	95	15	NO			48.9	97.0
4	23	95	16	NO			47.0	96.9
4	23	95	17	NO			46.9	96.9
4	23	95	18	NO			60.7	96.9
4	23	95	19	NO			49.9	96.9
4	23	95	20	NO			60.2	96.6
4	23	95	21	NO			82.8	96.3
4	23	95	22	RL			118.6	96.3
4	23	95	23	RL			209.4	96.5
4	24	95	0	RL			155.0	96.6

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
4	24	95	1	RL			213.1	96.8
4	24	95	2	RL			171.7	97.0
4	24	95	3	RL			162.2	97.1
4	24	95	4	RL			411.3	97.6
4	24	95	5	RL			405.4	98.1
4	24	95	6	RL			326.2	98.5
4	24	95	9	NO			62.6	98.5
4	24	95	10	NO			63.1	98.5
4	24	95	11	NO			71.4	98.5
4	24	95	12	NO			59.0	98.6
4	24	95	13	NO			89.2	98.6
4	24	95	14	NO			83.7	98.6
4	24	95	15	NO			61.1	98.7
4	24	95	16	NO			111.9	98.7
4	24	95	17	NO			63.7	98.7
4	24	95	18	NO			58.5	98.7
4	24	95	19	NO			50.0	98.6
4	24	95	20	NO			47.0	98.6
4	24	95	21	NO			86.0	98.3
4	24	95	22	RL			135.6	98.3
4	24	95	23	RL			103.8	98.1
4	25	95	0	RL			117.7	98.2
4	25	95	1	RL			94.8	98.2
4	25	95	2	RL			112.2	98.2
4	25	95	3	RL			123.7	98.2
4	25	95	4	RL			142.0	98.3
4	25	95	5	RL			132.5	98.4
4	25	95	6	RL			82.3	98.5
4	25	95	7	NO			66.1	98.4
4	25	95	8	NO			56.0	98.4
4	25	95	9	NO			98.9	98.5
4	25	95	10	NO			79.0	98.5
4	25	95	11	NO			89.7	98.6
4	25	95	12	NO			86.7	98.6
4	25	95	13	NO			97.5	98.7
4	25	95	14	NO			165.0	98.9
4	25	95	15	NO			88.1	98.9
4	25	95	16	NO			71.7	98.9
4	25	95	17	NO			73.0	99.0
4	25	95	18	NO			77.7	99.0
4	25	95	19	NO			60.2	99.0
4	25	95	20	NO			58.7	99.0
4	25	95	21	NO			53.9	99.1
4	25	95	22	NO			65.5	99.1
4	25	95	23	RL			172.9	99.2
4	26	95	0	RL			244.3	99.5
4	26	95	1	RL			75.9	99.5
4	26	95	2	RL			218.2	99.7
4	26	95	3	RL			45.1	99.7
4	26	95	4	RL			45.8	99.7
4	26	95	5	RL			57.9	99.7
4	26	95	6	RL			62.5	99.8
4	26	95	7	RL			48.6	99.8
4	26	95	8	RL			66.4	99.8
4	26	95	10	NO			82.0	99.8
4	26	95	11	NO			46.5	99.8
4	26	95	12	NO			45.9	99.7
4	26	95	13	NO			51.8	99.7
4	26	95	14	NO			51.8	99.7
4	26	95	15	NO			59.7	99.6
4	26	95	16	NO			55.9	99.6
4	26	95	17	NO			56.0	99.7
4	26	95	18	NO			47.7	99.6
4	26	95	19	NO			48.2	99.6
4	26	95	20	NO			48.3	99.6
4	26	95	21	NO			57.3	99.6
4	26	95	22	NO			52.5	99.6
4	26	95	23	RL			90.0	99.6
4	27	95	0	RL			142.1	99.7
4	27	95	1	RL			207.9	99.9
4	27	95	2	RL			120.6	100.0
4	27	95	3	RL			77.7	100.1
4	27	95	4	RL			81.3	100.1
4	27	95	5	RL			82.1	100.1
4	27	95	6	RL			108.4	100.2
4	27	95	7	RL			58.6	100.2
4	27	95	8	RL			40.0	100.2
4	27	95	9	RL			26.7	100.2
4	27	95	10	NO			34.6	100.1
4	27	95	11	NO			38.6	100.1
4	27	95	12	NO			74.8	99.9
4	27	95	13	NO			65.1	99.7
4	27	95	14	NO			161.5	99.6

RIDGE GENERATING STATION: HOURLY EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR

Description of Data Set:
Load Range = 5-100%
All codes except Boiler Offline (BO)
Data gaps deleted for 720 rolling calc.

Date			Time	Operating Codes	#/hr	#/hr	CO #/hr	CO #/hr
Averaging Interval					1hr	720rolling	1hr	720rolling
4	27	95	15	NO			50.7	99.5
4	27	95	16	NO			76.0	99.5
4	27	95	17	NO			53.2	99.5
4	27	95	18	NO			68.2	99.5
4	27	95	19	NO			57.3	99.5
4	27	95	20	NO			54.1	99.5
4	27	95	21	NO			54.0	99.5
4	27	95	22	NO			70.8	99.4
4	27	95	23	RL			223.9	99.6
4	28	95	0	RL			136.6	99.7
4	28	95	1	RL			136.0	99.8
4	28	95	2	RL			244.6	99.5
4	28	95	3	RL			322.0	99.9
4	28	95	4	RL			171.4	100.0
4	28	95	5	RL			85.8	100.0
4	28	95	6	SS			415.0	100.4
4	30	95	0	SS			77.5	100.5
4	30	95	1	RL			235.2	100.7
4	30	95	2	RL			157.6	100.8
4	30	95	3	RL			107.5	100.9
4	30	95	4	RL			174.6	101.0
4	30	95	5	RL			285.5	101.3
4	30	95	6	RL			116.3	101.4
4	30	95	7	RL			92.8	101.4
4	30	95	8	RL			81.8	101.4
4	30	95	9	NO			81.3	101.4
4	30	95	10	NO			63.2	101.4
4	30	95	11	NO			74.4	101.4
4	30	95	12	NO			64.8	101.4
4	30	95	13	NO			64.4	101.4
4	30	95	14	NO			75.0	101.4
4	30	95	15	NO			82.7	101.4
4	30	95	16	NO			49.5	101.3
4	30	95	17	NO			40.8	101.2
4	30	95	18	NO			38.4	101.2
4	30	95	19	NO			34.8	101.2
4	30	95	20	NO			54.0	101.1
4	30	95	21	MF/PF			243.5	101.4
4	30	95	22	MF/PF			163.5	101.5
4	30	95	23	MF/PF			141.2	101.6

Attachment B

30 Day Rolling Averages
(30 Operating Day Rolling Averages)

May 1, 1995 through December 31, 1995

RIDGE GENERATING STATION: EMISSIONS SUMMARY
CARBON MONOXIDE EMISSIONS IN LB/HR AVERAGE
OPERATING DAY AND 30 OPERATING DAY
Non-operating days deleted from table for April 1995 only (April 2-8, 29)

	CO DAY #/HR	CO 30 day
3/25/95	81.94	
3/26/95	88.18	
3/27/95	105.64	
3/28/95	155.69	
3/29/95	193.24	
3/30/95	149.45	
3/31/95	88.09	
4/1/95	128.71	
4/9/95	72.70	
4/10/95	70.85	
4/11/95	119.26	
4/12/95	63.18	
4/13/95	95.64	
4/14/95	71.85	
4/15/95	107.70	
4/16/95	83.99	
4/17/95	58.92	
4/18/95	43.95	
4/19/95	64.05	
4/20/95	88.69	
4/21/95	93.53	
4/22/95	99.23	
4/23/95	85.94	
4/24/95	135.98	
4/25/95	94.41	
4/26/95	72.10	
4/27/95	84.51	
4/28/95	182.73	
4/30/95	109.69	
5/1/95	118.96	100.29
5/2/95	133.93	102.03
5/3/95	95.76	102.28
5/4/95	114.77	102.58
5/5/95	89.25	100.37
5/6/95	71.48	96.31
5/7/95	74.18	93.80
5/8/95	81.38	93.58
5/9/95	126.54	93.50
5/10/95	95.76	94.27
5/11/95	73.81	94.37
5/12/95	78.20	93.00
5/13/95	113.69	94.69
5/14/95	72.19	93.90
5/15/95	69.74	93.83
5/16/95	89.66	93.23
5/17/95	107.57	94.02
5/18/95	118.41	96.00
5/19/95	190.47	100.89

5/20/95	214.26	105.89
5/21/95	164.59	108.42
5/22/95	102.74	108.73
5/23/95	81.40	108.14
5/24/95	98.25	108.55
5/25/95	125.50	108.20
5/26/95	144.73	109.87
5/27/95	88.92	110.44
5/28/95	99.23	110.93
5/29/95	72.55	107.25
5/30/95	57.30	105.51
5/31/95	114.09	105.34
6/1/95	137.64	105.47
6/2/95	174.75	108.10
6/3/95	110.18	107.95
6/4/95	97.28	108.22
6/5/95	102.65	109.25
6/6/95	54.22	108.59
6/7/95	105.06	109.38
6/8/95		109.38
6/9/95	10.67	105.52
6/10/95	90.10	105.33
6/11/95	136.88	107.43
6/12/95	99.68	108.15
6/13/95	132.70	108.78
6/14/95	157.42	111.62
6/15/95	131.63	113.68
6/16/95	132.93	115.13
6/17/95	118.48	115.49
6/18/95	117.62	115.46
6/19/95	117.25	113.02
6/20/95	119.59	109.87
6/21/95	145.03	109.22
6/22/95	163.66	111.25
6/23/95	9.94	108.86
6/24/95	144.68	110.41
6/25/95	187.43	112.48
6/26/95	153.36	112.76
6/27/95	127.00	114.03
6/28/95	100.71	114.08
6/29/95	100.15	115.00
6/30/95	113.02	116.86
7/1/95	88.92	116.02
7/2/95	105.75	114.96
7/3/95	129.75	113.46
7/4/95	132.84	114.21
7/5/95	136.63	115.52
7/6/95	113.26	115.88
7/7/95	89.65	117.06
7/8/95	111.94	117.29
7/9/95	103.91	120.40
7/10/95	169.81	123.05
7/11/95	139.41	123.14
7/12/95	136.53	124.37
7/13/95	141.79	124.67
7/14/95	111.67	123.15

7/15/95	102.30	122.17
7/16/95	108.98	121.37
7/17/95	161.50	122.80
7/18/95	123.90	123.01
7/19/95	182.19	125.18
7/20/95	146.31	126.07
7/21/95	164.08	126.70
7/22/95	194.67	127.74
7/23/95	141.09	132.11
7/24/95	131.29	131.66
7/25/95	167.85	131.01
7/26/95	165.64	131.42
7/27/95	179.34	133.16
7/28/95	111.80	133.53
7/29/95	117.59	134.11
7/30/95	110.14	134.02
7/31/95	56.17	132.93
8/1/95	66.97	131.63
8/2/95	159.37	132.62
8/3/95	113.61	131.98
8/4/95	88.80	130.39
8/5/95	180.82	132.64
8/6/95	210.13	136.65
8/7/95	191.33	139.30
8/8/95	182.46	141.92
8/9/95	302.20	146.33
8/10/95	91.32	144.73
8/11/95	158.74	145.47
8/12/95	127.31	144.99
8/13/95	145.56	146.12
8/14/95	143.04	147.47
8/15/95	5.15	144.01
8/16/95	139.49	143.28
8/17/95	130.49	143.50
8/18/95	177.46	143.34
8/19/95	129.32	142.78
8/20/95	141.23	142.01
8/21/95	142.12	140.26
8/22/95	139.50	140.21
8/23/95	109.52	139.48
8/24/95	116.70	137.78
8/25/95	104.29	135.73
8/26/95	182.10	135.82
8/27/95	189.41	138.41
8/28/95	193.13	140.93
8/29/95	172.79	143.02
8/30/95	236.82	149.04
8/31/95	104.19	150.28
9/1/95	1.08	145.00
9/2/95	76.02	143.75
9/3/95	100.80	144.15
9/4/95	107.97	141.72
9/5/95	193.98	141.18
9/6/95	152.08	139.88
9/7/95	230.34	141.47
9/8/95	188.03	137.67

9/9/95	147.89	139.55
9/10/95	169.92	139.92
9/11/95	105.66	139.20
9/12/95	190.42	140.70
9/13/95	260.21	144.60
9/14/95	241.68	152.49
9/15/95	194.70	154.33
9/16/95	158.33	155.26
9/17/95	201.57	156.06
9/18/95	167.36	157.33
9/19/95	102.60	156.04
9/20/95	157.87	156.56
9/21/95	68.58	154.20
9/22/95	272.19	159.62
9/23/95	253.38	164.18
9/24/95	263.96	169.50
9/25/95	172.58	169.18
9/26/95	117.75	166.80
9/27/95	133.09	164.79
9/28/95	275.32	168.21
9/29/95	169.87	165.98
9/30/95	172.72	168.26
10/1/95	179.22	174.20
10/2/95		174.20
10/3/95		174.20
10/4/95		174.20
10/5/95		174.20
10/6/95		174.20
10/7/95	190.86	178.03
10/8/95	115.85	178.53
10/9/95	220.68	182.29
10/10/95	200.32	182.50
10/11/95	126.44	181.65
10/12/95	134.27	178.44
10/13/95	157.53	177.43
10/14/95	172.08	178.23
10/15/95	203.36	179.35
10/16/95	255.96	184.36
10/17/95	282.26	187.42
10/18/95	134.49	183.23
10/19/95	124.37	179.32
10/20/95	131.34	177.21
10/21/95	171.73	177.65
10/22/95	147.88	175.86
10/23/95	123.24	174.39
10/24/95	126.59	175.19
10/25/95	129.00	174.23
10/26/95	139.36	176.59
10/27/95	173.21	173.29
10/28/95	154.20	169.98
10/29/95	88.63	164.14
10/30/95	176.37	164.27
10/31/95	149.57	165.33
11/1/95	153.96	166.02
11/2/95	97.47	160.09
11/3/95	184.59	160.58

11/4/95	142.61	159.58
11/5/95	174.49	159.42
11/6/95	161.59	158.45
11/7/95	149.20	159.56
11/8/95	181.58	158.26
11/9/95	155.29	156.76
11/10/95	129.79	156.87
11/11/95	111.20	156.10
11/12/95	141.51	155.56
11/13/95	144.22	154.64
11/14/95	186.29	154.07
11/15/95	175.69	151.39
11/16/95	137.75	146.57
11/17/95	164.06	147.56
11/18/95	107.35	146.99
11/19/95	135.22	147.12
11/20/95	208.59	148.35
11/21/95	190.16	149.76
11/22/95	188.85	151.95
11/23/95	241.16	155.77
11/24/95	140.85	156.16
11/25/95	227.48	159.10
11/26/95	198.29	159.93
11/27/95	147.98	159.73
11/28/95	141.60	161.49
11/29/95	178.13	161.55
11/30/95	98.30	159.84
12/1/95	109.35	158.35
12/2/95	124.85	159.27
12/3/95	170.54	158.80
12/4/95	136.74	158.60
12/5/95	68.05	155.06
12/6/95	147.79	154.60
12/7/95	124.06	153.76
12/8/95	111.07	151.41
12/9/95	120.09	150.23
12/10/95	127.04	150.14
12/11/95	147.41	151.35
12/12/95	162.03	152.03
12/13/95	95.23	150.40
12/14/95	91.10	147.23
12/15/95	70.11	143.71
12/16/95	114.28	142.93
12/17/95	114.90	141.29
12/18/95	193.10	144.15
12/19/95		144.15
12/20/95	99.20	142.94
12/21/95	170.26	141.67
12/22/95	141.14	140.03
12/23/95	190.99	140.10
12/24/95	184.22	138.21
12/25/95	274.39	142.66
12/26/95	236.12	142.95
12/27/95	117.33	140.25
12/28/95	158.00	140.58
12/29/95	178.38	141.81

12/30/95	150.62	140.89
12/31/95	102.79	141.04
AVG	141.20	138.56
MAX	302.20	187.42

Attachment C

Tire Heat Input

March 1, 1995 through April 30, 1995

	BTU/LB	
TIRE	13618	
WOOD	3923	
PROPANE	21670	

	TIRES MMBTU	WOOD MMBTU	PROPANE MMBTU	TOTAL MMBTU	TIRE % BTU
3 / 1	4,084	8,727	0	12,810	31.88
3 / 2	3,949	8,641	0	12,590	31.37
3 / 3	3,255	9,461	0	12,716	25.60
3 / 4	2,187	8,798	329	11,314	19.33
3 / 5	2,872	10,156	0	13,029	22.05
3 / 6	1,436	8,684	823	10,944	13.13
3 / 7	3,253	8,925	0	12,178	26.71
3 / 8	4,447	8,592	27	13,067	34.03
3 / 9	4,191	8,849	27	13,068	32.07
3 / 10	2,901	8,876	138	11,915	24.35
3 / 11	2,870	8,058	0	10,929	26.26
3 / 12	2,909	8,481	0	11,389	25.54
3 / 13	2,465	9,402	0	11,867	20.77
3 / 14	2,873	9,824	0	12,698	22.63
3 / 15	2,318	9,611	0	11,929	19.43
3 / 16	2,657	10,362	0	13,019	20.41
3 / 17	2,794	8,802	0	11,595	24.09
3 / 18	2,841	8,802	0	11,643	24.40
3 / 19	1,518	3,639	988	6,145	24.70
3 / 20	2,802	9,360	0	12,162	23.04
3 / 21	2,710	9,630	0	12,340	21.96
3 / 22	2,734	8,991	0	11,725	23.32
3 / 23	2,692	8,833	0	11,524	23.36
3 / 24	2,091	6,295	357	8,743	23.92
3 / 25	2,888	8,838	0	11,726	24.63
3 / 26	2,873	9,088	0	11,960	24.02
3 / 27	2,513	8,771	0	11,284	22.27
3 / 28	2,136	8,833	247	11,216	19.04
3 / 29	2,041	8,005	192	10,238	19.94
3 / 30	2,055	8,290	477	10,822	18.99
3 / 31	1,964	10,815	0	12,779	15.37
4 / 1	2,809	7,841	192	10,842	25.90
4 / 2	0	0	219	219	0.00
4 / 3	0	0	0	0	0.00
4 / 4	0	0	0	0	0.00
4 / 5	0	0	0	0	0.00
4 / 6	0	0	0	0	0.00
4 / 7	0	0	0	0	0.00
4 / 8	0	0	0	0	0.00
4 / 9	482	736	933	2,151	22.41
4 / 10	2,013	6,745	182	8,940	22.51

4 / 11	2,240	6,438	82	8,760	25.57
4 / 12	2,929	7,318	27	10,274	28.51
4 / 13	1,284	4,464	549	6,297	20.39
4 / 14	2,460	8,982	27	11,470	21.45
4 / 15	2,301	8,390	0	10,691	21.52
4 / 16	2,827	7,212	0	10,038	28.16
4 / 17	2,702	7,635	0	10,336	26.14
4 / 18	3,365	8,330	0	11,695	28.77
4 / 19	3,174	8,636	0	11,809	26.87
4 / 20	2,317	4,675	302	7,293	31.77
4 / 21	1,628	9,120	110	10,858	14.99
4 / 22	1,382	8,637	55	10,074	13.72
4 / 23	1,184	10,266	0	11,451	10.34
4 / 24	1,934	9,393	0	11,327	17.07
4 / 25	2,430	9,324	27	11,782	20.63
4 / 26	2,739	8,544	0	11,283	24.28
4 / 27	2,474	8,096	0	10,570	23.41
4 / 28	566	921	55	1,542	36.69
4 / 29	0	0	656	656	0.00
4 / 30	2,771	6,307	439	9,517	29.12

Attachment D

Percent SO_2 Removal Calculation based on RGS Fuels Analysis

SO2 REDUCTION CALCULATION

FUEL	LB/HR	%S	LB/HR S	LB/HR SO2
TIRES	16900	0.0144	243.36	486.72
WOOD	101926.03	0.00116	118.23	236.47
TOTAL				723.19
PERMIT LIMIT				−72.00
SO2 REMOVED				651.19
% REDUCTION			REMOVED/TOTAL	90.04%

FUEL CONSUMPTION CALCULATION

	LB/HR	BTU/LB	MMBTU/HR
TIRES	16900	13618	230.14
WOOD	101926.03	3923	399.86
TOTAL			630.00

1. Sulfur content of tires based on the average of 22 samples. The measured sulfur content ranged from 1.17% to 1.84%.

2. Sulfur content of wood based on the average of 76 samples. The measured sulfur content ranged from 0.0% to 0.42%.

\SO2_RED.XLS

COPY

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

April 24, 1996

Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619-8318

Attn: Mr. Bill Proses

Subject: Ridge Generating Station
Air Permit #AC53-206244
AIRS #1050216
Emissions Unit ID 001
Excess Emissions and Monitoring Systems Performance Report

Dear Sir:

Pursuant to 40CFR60, Subpart Db, and 40CFR60.7, please find enclosed Ridge Generating Station's First Quarter 1996 Excess Emissions and Monitoring Systems Performance Report for Opacity. This covers the period from January 1, 1996 through March 31, 1996.

Also enclosed is a Cylinder Gas Audit (CGA) report for the CGA conducted during the first quarter of 1996. The report indicates that all of the accuracy results were within the 15 percent specifications.

Please feel free to contact Chuck Davis at (941) 665-2255 should you have any questions or concerns regarding this submittal.

Sincerely,

Rodney Williams

Rodney Williams
Plant Manager

cc: Chief Bureau of Air Regulation (w/o attachment)
EPA Region IV (w/o attachment)
T. Porter
F. Ferraro (w/o attachment)
Ridge File 6.2.1.4

Certification #P 597 437 503

SUMMARY REPORT - GASEOUS AND OPACITY EXCESS EMISSION AND MONITORING SYSTEM PERFORMANCE

Pollutant (Circle One -- SO_2 / NO_x / TRS / H_2S / CO (Opacity))

Reporting Period Dates: From 01/01/96 to 03/31/96

Company: Ridge Generating Station

Address: 3131 K-Ville Ave.
Auburndale, FL 33823

Emission Limitation: 10%

Monitor Manufacturer and Model Number: Thermal Environmental Instruments, Inc. - Model 400B

Date of Latest CMS Certification or Audit: 03/12/96

Process Unit(s) Description:
Wood and Tire Fired Boiler - Unit 1

Total Source Operating Time in Reporting Period: 115,950 [1]

Emission Data Summary		CMS Performance Summary	
1. Duration of excess emissions in reporting period due to:		1. CMS downtime in reporting period due to:	
a. Startup/shutdown	0	a. Monitor equipment malfunctions	0
b. Control equipment problems	0	b. Non-Monitor equipment malfunctions	0
c. Process problems	0	c. Quality assurance calibration	1470
d. Other known causes	0	d. Other known causes	288
e. Unknown causes	0	e. Unknown causes	54
2. Total duration of excess emission	0	2. Total CMS Downtime	1812
3. Total duration of excess emissions x (100) / (Total source operating time)	0 [2]	3. (Total CMS Downtime) x (100) / (Total source operating time)	1.56% [2]

On a separate page, describe any changes since last quarter in CMS, process, or controls.
I certify that the information contained in this report is true, accurate, and complete.

Rodney C. Williams	Rodney C. Williams	Plant Manager	04/24/96
Name	Signature	Title	Date

[1] For opacity, record all times in minutes. For gases, record all times in hours.

[2] For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in 560.7(c) shall be submitted.

\EMIS_REP.1ST

RIDGE GENERATING STATION

FIRST QUARTER 1996

OPACITY

START-UP EXCESS EMISSIONS				
Date	Parameter	Duration	Magnitude*	Corrective Action
NONE				

SHUT-DOWN EXCESS EMISSIONS				
Date	Parameter	Duration	Magnitude*	Corrective Action
NONE				

MALFUNCTION EXCESS EMISSIONS				
Date	Parameter	Duration	Magnitude*	Corrective Action
NONE				

OTHER EXCESS EMISSIONS				
Date	Parameter	Duration	Magnitude*	Corrective Action
NONE				

*Magnitude in %

RIDGE GENERATING STATION

CEM DOWNTIME REPORT

FIRST QUARTER 1996

Analyzer	Date	Duration*	Nature of Repairs/Adjustments
Opacity	1/21/96	90	Power removed during repairs to other CEMS equipment
Opacity	2/28/96	60	198 minutes of data lost across midnight of 2/28 to 2/29. Conflict in dates in computers in acquisition system due to one computer's inability to recognize leap day. Reset both computers to 3/1 to record data for remainder of 2/29. Set both computers to correct date on actual 3/1. Manufacturer developing upgrade to recognize leap day.
Opacity	2/29/96	138	See 2/28/96 entry

*Duration in Minutes

Fold at line over top of envelope to the right

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 to:
Rodney Williams
Wheelabrator Ridge E.
3131 K-Ville Ave
Auburndale, Fl
33823

4a. Article Number
Z 127 633 156

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

7. Date of Delivery

5. Signature (Addressee)

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

6. Signature (Agent)

AUBURNDALE FL 33823 FEB 2 1996 USPS

PS Form 3811, December 1991 ☆U.S. GPO: 1993—352-714 DOMESTIC RETURN RECEIPT

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

Z 127 633 156

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

UNITED STATES POSTAL SERVICE

Sent to
Rodney Williams
Street and No.
Wheelabrator Ridge E
P.O., State and ZIP Code
Auburndale, Fl 33823

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	1-29-96

AC 53-206244
PSD-FL-183

PS Form 3800, March 1993

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

January 29, 1996

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

RE: Amendment of Permit AC 53-206244 (PSD-FL-183)

Dear Mr. Williams:

This is in response to your letter received on January 3 requesting several minor changes to the referenced permit. Since the 30-day deadline for our response is approaching, we wanted to confirm, in writing, our previous discussion to the effect that we will address the minor changes requested at the same time that we issue the final proposed BACT limits. Therefore, we await your comments on the initial draft of the proposed BACT limits.

If there are any questions regarding the above, please call me or John Reynolds at 904-488-1344.

Sincerely,

A A Linero 1/29

A. A. Linero, P.E.
Administrator
New Source Review Section

AAL/JR

c: B. Thomas, SWD
R. Harwood, Polk County
J. Harper, EPA
J. Bunyak, NPS
M. Killeen, WREI

Wheelabrator Ridge Energy Inc.

3131 K-Ville Avenue
Auburndale, FL 33823
Tel. 813-665-2255
Fax. 813-665-0400

January 23, 1996

State of Florida
Department of Environmental Protection
Chief Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Air Permit #AC53-206244, PSD-FL-183
AIRS Number 1050216
Emissions Unit Identification Number 001

Dear Sir:

In accordance with 40 C.F.R. 60.50a(d), 60.59a(b)(14), and 60.59a(m), enclosed please find data summarizing the daily weight of MSW and other fuels fired during the Fourth Quarter 1995. Our percentage of MSW combusted continues to be under 30%, so we remain subject only to the record keeping and reporting requirements for co-fired combustors under the MWC NSPS, 40 C.F.R. Part 60, Subpart Ea.

If you have any questions regarding this submittal, please contact Chuck Davis at (941) 665-2255.

Sincerely,

Rodney Williams

Rodney Williams
Plant Manager

cc: EPA Region IV
B. Proses, DEP S.W. District
Ridge File 6.2.1.3

Certification # P 597 437 479

CC: J. Reynolds, BAR

WHEELABRATOR RIDGE ENERGY

OCTOBER '95 STATS

	MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		TOTAL
	YARDWASTE TONS	TIRES TONS	PROCESSED TONS	WOOD TONS	PROPANE TONS	PROCESSED TONS
SUN OCT 1	132.71	105.03	237.74	786.70	1.90	1026.34
MON OCT 2	0.00	0.00	0.00	0.00	0.00	0.00
TUE OCT 3	0.00	0.00	0.00	0.00	0.00	0.00
WED OCT 4	0.00	0.00	0.00	0.00	0.00	0.00
THU OCT 5	0.00	0.00	0.00	0.00	0.00	0.00
FRI OCT 6	0.00	0.00	0.00	0.00	1.27	1.27
SAT OCT 7	129.55	23.67	153.22	788.09	15.83	957.14
SUN OCT 8	156.05	67.13	223.18	951.11	0.00	1174.29
MON OCT 9	89.98	41.54	131.52	543.15	14.56	689.23
TUE OCT 10	115.22	62.10	177.32	690.97	15.31	883.60
WED OCT 11	103.02	89.04	192.06	604.90	8.86	805.82
THU OCT 12	143.89	115.19	259.08	838.38	0.00	1097.46
FRI OCT 13	144.75	121.55	266.30	838.42	0.00	1104.72
SAT OCT 14	154.18	124.57	278.75	894.26	0.00	1173.01
SUN OCT 15	136.46	109.08	245.54	794.58	0.00	1040.12
MON OCT 16	173.76	48.73	222.49	1003.86	0.63	1226.98
TUE OCT 17	148.91	76.65	225.56	839.61	0.00	1065.17
WED OCT 18	144.30	86.34	230.64	831.36	0.00	1062.00
THU OCT 19	110.72	93.05	203.77	631.94	10.13	845.84
FRI OCT 20	130.73	93.34	224.07	759.08	0.00	983.15
SAT OCT 21	127.17	79.77	206.94	743.73	0.00	950.67
SUN OCT 22	122.76	94.18	216.94	721.30	0.00	938.24
MON OCT 23	147.64	93.46	241.10	862.93	2.53	1106.56
TUE OCT 24	134.66	147.17	281.83	792.30	0.00	1074.13
WED OCT 25	121.68	102.59	224.27	719.27	0.00	943.54
THU OCT 26	118.11	134.29	252.40	660.97	0.00	913.37
FRI OCT 27	111.95	125.41	237.36	646.22	2.53	886.11
SAT OCT 28	108.34	139.54	247.88	628.27	1.27	877.42
SUN OCT 29	142.10	168.76	310.86	824.47	0.00	1135.33
MON OCT 30	72.35	67.97	140.32	417.47	14.17	571.96
TUE OCT 31	101.04	108.40	209.44	576.67	0.00	786.11
TOTAL	3322.02	2518.55	5840.57	19390.02	88.99	25319.58
PERCENT			23.07%	76.58%	0.35%	100.00%

WHEELABRATOR RIDGE ENERGY

NOVEMBER '95 STATS

			MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		TOTAL
			YARDWASTE TONS	TIRES TONS	PROCESSED TONS	WOOD TONS	PROPANE TONS	PROCESSED TONS
WED	NOV	1	133.46	127.67	261.13	765.94	0.00	1027.07
THU	NOV	2	169.51	145.36	314.87	981.16	0.00	1296.03
FRI	NOV	3	109.89	115.37	225.26	642.71	6.96	874.93
SAT	NOV	4	174.33	88.71	263.04	1029.22	0.00	1292.26
SUN	NOV	5	144.31	112.26	256.57	858.19	0.00	1114.76
MON	NOV	6	111.01	93.76	204.77	674.82	0.00	879.59
TUE	NOV	7	52.45	50.33	102.78	320.72	7.60	431.10
WED	NOV	8	35.36	30.79	66.15	217.69	10.76	294.60
THU	NOV	9	160.23	111.39	271.62	985.59	0.00	1257.21
FRI	NOV	10	125.51	127.82	253.33	788.59	0.00	1041.92
SAT	NOV	11	134.23	125.30	259.53	852.99	0.00	1112.52
SUN	NOV	12	156.62	115.88	272.50	999.79	0.00	1272.29
MON	NOV	13	140.38	120.30	260.68	910.26	0.00	1170.94
TUE	NOV	14	78.55	97.52	176.07	511.34	0.00	687.41
WED	NOV	15	95.46	86.78	182.24	609.92	1.27	793.43
THU	NOV	16	35.78	10.95	46.73	228.95	18.99	294.67
FRI	NOV	17	76.35	76.76	153.11	509.05	3.95	666.11
SAT	NOV	18	63.03	83.82	146.85	423.61	15.83	586.29
SUN	NOV	19	17.47	24.21	41.68	117.87	6.96	166.51
MON	NOV	20	59.53	77.98	137.51	400.23	0.00	537.74
TUE	NOV	21	95.49	119.30	214.79	649.93	0.00	864.72
WED	NOV	22	86.31	108.35	194.66	576.92	0.00	771.58
THU	NOV	23	57.46	70.81	128.27	384.16	0.00	512.43
FRI	NOV	24	87.15	116.25	203.40	585.45	0.00	788.85
SAT	NOV	25	96.79	128.10	224.89	647.25	0.00	872.14
SUN	NOV	26	38.44	64.36	102.80	257.22	0.00	360.02
MON	NOV	27	68.56	93.81	162.37	457.18	0.00	619.55
TUE	NOV	28	104.16	115.82	219.98	720.81	0.00	940.79
WED	NOV	29	102.40	138.71	241.11	714.92	0.00	956.03
THU	NOV	30	115.55	137.08	252.63	805.27	0.00	1057.90
TOTAL			2925.78	2915.55	5841.33	18627.74	72.32	24541.39
PERCENT					23.80%	75.90%	0.29%	100.00%

WHEELABRATOR RIDGE ENERGY

DECEMBER '95 STATS

			MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		TOTAL
			YARDWASTE TONS	TIRES TONS	PROCESSED TONS	WOOD TONS	PROPANE TONS	PROCESSED TONS
FRI	DEC	1	120.98	38.88	159.86	828.96	0.00	988.82
SAT	DEC	2	91.23	124.12	215.35	628.41	0.00	843.76
SUN	DEC	3	80.80	108.05	188.85	559.56	0.00	748.41
MON	DEC	4	50.91	74.80	125.71	352.88	1.90	480.49
TUE	DEC	5	65.56	101.87	167.43	458.80	18.36	644.59
WED	DEC	6	102.45	146.98	249.43	743.86	0.00	993.29
THU	DEC	7	95.03	131.82	226.85	698.49	0.00	925.34
FRI	DEC	8	74.57	128.31	202.88	554.33	0.00	757.21
SAT	DEC	9	71.11	117.76	188.87	530.56	0.00	719.43
SUN	DEC	10	55.24	91.33	146.57	413.74	0.00	560.31
MON	DEC	11	85.89	139.11	225.00	671.21	0.00	896.21
TUE	DEC	12	92.39	143.41	235.80	724.41	0.00	960.21
WED	DEC	13	80.81	139.00	219.81	635.59	0.00	855.40
THU	DEC	14	79.89	142.24	222.13	627.58	0.00	849.71
FRI	DEC	15	103.85	159.67	263.52	812.75	0.00	1076.27
SAT	DEC	16	90.42	123.73	214.15	699.12	1.90	915.17
SUN	DEC	17	96.37	134.53	230.90	751.78	0.00	982.68
MON	DEC	18	84.94	47.20	132.14	656.71	0.00	788.85
TUE	DEC	19	0.00	0.00	0.00	0.00	0.00	0.00
WED	DEC	20	60.61	58.90	119.51	469.08	12.66	601.25
THU	DEC	21	83.50	129.28	212.78	664.90	2.53	880.21
FRI	DEC	22	76.58	155.55	232.13	633.00	0.00	865.13
SAT	DEC	23	35.26	57.86	93.12	290.24	0.52	383.88
SUN	DEC	24	73.37	89.56	162.93	603.93	0.00	766.86
MON	DEC	25	60.88	104.68	165.56	494.80	0.00	660.36
TUE	DEC	26	33.45	56.89	90.34	270.84	0.00	361.18
WED	DEC	27	72.61	67.34	139.95	590.74	0.00	730.69
THU	DEC	28	121.62	135.97	257.59	988.25	0.00	1245.84
FRI	DEC	29	100.08	124.77	224.85	822.90	0.00	1047.75
SAT	DEC	30	6.29	12.11	18.40	51.58	8.86	78.84
SUN	DEC	31	49.10	112.32	161.42	404.65	5.70	571.77
TOTAL			2295.79	3198.04	5493.83	17633.65	52.43	23179.91
PERCENT					23.70%	76.07%	0.23%	100.00%

Wheelabrator Ridge Energy Inc.

3131 K-Ville Avenue
Auburndale, FL 33823
Tel. 813-665-2255
Fax. 813-665-0400

December 26, 1995

Mr. A. A. Linero
Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Subject: Ridge Generating Station
Permit #AC53-206244 PSD-FL-183

Dear Mr. Linero:

As we have discussed with Mr. J. Reynolds and yourself, there are a number of minor changes that we would like to make to the subject permit. The changes are primarily clarifications that will facilitate the Title V permitting process. Based on our discussions, it appears prudent to address these changes concurrently with the establishment of the final revised BACT limits.

The following revisions are requested:

1. Specific Condition #2 should be revised to clarify the method for demonstrating compliance with the maximum capacity limit. This can be accomplished as follows:

> "The RGS facility shall be allowed to operate at a maximum capacity of 50 megawatts (based on a 24-hour block average basis) for 8,760 hours per year." (50 megawatts is equivalent to approximately 630 MM BTU/hr.)

By moving the reference to MM BTU's, it is clear that compliance with the maximum capacity limit is based on the recorded megawatt values and not on the heat input. In addition, an averaging period is necessary because of the variability in the BTU content of the various fuels fed to the furnace. A 24-hour block average is proposed as a reasonable averaging period.

2. Specific Condition #3 should be revised as follows to clarify the basis for demonstrating compliance with the fuel-firing rates:

> "Fuel for firing the RGS boiler shall consist only of wood, landfill gas, and tires. The tire firing rate shall be limited to 16,900 pounds of tires per hour, based on a 24-hour block average. Propane may be used as a startup, shutdown, and combustion stabilization fuel. Propane

firing shall not exceed an annual capacity factor of 10 percent as determined by 40 CFR 60.44.6(d)."

The proposed revisions will clarify the basis for demonstrating compliance with the tire firing rate by specifying that compliance will be demonstrated by measuring the pounds per hour of tire feed with an appropriate averaging feed. An averaging period is necessary because the load cell is located on a belt that intermittently delivers tires to feed hoppers rather than directly to the boiler.

The annual capacity factor for propane is necessary to clarify the facility requirements related to 40 CFR 60, Subpart Db.

3. Specific Condition #4 should be modified as follows:

"No municipal type solid waste, as defined in 40 CFR 60, Subpart Ea (except tires, yard waste, and waste wood), or hazardous waste as defined in 40 CFR 261 and F.A.C. Rule 62-730.020, or medical waste as defined in 40 CFR 60.51a, or biomedical waste as defined in F.A.C. Rule 62-712.200, shall be burned at any time at the RGS facility without prior written approval by the Department. Municipal solid waste (as defined in 40 CFR 60, Subpart Ea) shall be limited to 30 percent or less (by weight) of the fuel feed stream, as measured on a calendar quarterly basis."

These revisions will clarify the methods for demonstrating compliance with the specific condition. The applicability and definitions sections of Subpart Ea have been modified to make them consistent with new Subpart Eb regulations. Since yard waste is included in the definition of MSW contained in Subparts Ea and Eb, it should be added to the list of MSW type wastes that can be accepted at the facility. The regulatory citations for medical and biomedical wastes have been updated because the existing citations are no longer correct. Adding the phrase "without prior written approval by the Department" may provide additional flexibility if other suitable fuels are identified in the future. The requested 30 percent limitation on MSW feed is necessary to clarify the regulatory requirements related to 40 CFR 60, Subpart Ea, and the quarterly basis for demonstrating compliance is consistent with the newly promulgated revisions to Subparts Ea and Eb.

4. Specific Condition #6 should be revised to delete the requirements associated with the ammonia ambient air monitoring equipment. Documentation supporting this request has been previously submitted to the Department.

5. Specific Condition #7 should be revised to add the fuel transfer building vent filter. As we informed you on October 29, 1993, a vent filter was added to the fuel transfer building to reduce potential fugitive emissions associated with fuel handling activities.

6. The regulatory citation in Specific Condition #12 should be changed from "F.A.C. Rule 17-2.610(3)" to "F.A.C. Rule 62-296.310(3)" to reflect the current regulations. Specific Condition #12 also specifies that all fugitive dust control measures specified in the application shall be used to prevent fugitive emissions. We have determined that since construction has been completed and the facility roads have been paved, a water truck is no longer necessary to control fugitive emissions at the facility. Therefore, we are requesting your concurrence that a water truck is not required by Specific Conditions #1 or #12.

7. Specific Condition #15 should be revised to update the regulatory citation. "F.A.C. Rule 17-2.620(2)" should be deleted and replaced with "F.A.C. Rule 62-296.320(2)".

Two additional point sources were inadvertently omitted from the initial application. These include the propane vaporizer and the diesel fuel storage tank vent. Each of these sources have a potential to emit less than 1 ton per year of any regulated pollutant and, as such, we currently intend to list them as potentially exempt sources in the Facility's Title V Application.

If you need any additional information related to these sources, or if you have any questions related to the requested permit revisions, please call Matt Killeen at 1-800-682-0026 or Chuck Davis at (941) 665-2255.

We will be providing comments on the draft revised BACT limits in a subsequent letter.

Sincerely,

Rodney Williams

Rodney Williams
Plant Manager

cc: W. Ferguson
J. Reynolds
C. Davis
G. Lynch

Is your RETURN ADDRESS completed on the reverse side?

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 to:
Rodney Williams, Plant Mgr.
Wheelabrator Ridge Energy
3131 K-Ville Ave
Auburndale, Fl
33823

4a. Article Number
Z 127 633 220

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

7. Date of Delivery

5. Signature (Addressee)

6. Signature (Agent)
[signature]

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

[Postmark: USPS 1995 AUBURNDALE]

PS Form **3811**, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Z 127 633 220

UNITED STATES POSTAL SERVICE

Receipt for Certified Mail
No Insurance Coverage Provided
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Sent to Rodney Williams	
Street and No. Wheelabrator RE	
P.O., State and ZIP Code Auburndale 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 Revised 12-14-95 BACT PSD-Fl-183	

PS Form **3800**, March 1993

Department of
Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

December 12, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Dear Mr. Williams:

RE: Revised BACT Limits (PSD-FL-183)

Enclosed is a draft of the revised permit limits proposed by the Department as required by Specific Condition No. 17 of the subject permit along with the basis for the revised limits. After we receive your preliminary comments, we will finalize the permit conditions and send the proposed final permit to you. At that time you will need to publish a notice as you have for prior notices concerning this permit. As before, the Department's final action will be issued after the 30-day comment period expires.

If you have questions, please contact me or Al Linero at 904-488-1344.

Sincerely,

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

Enclosures

CHF/JR

c: W. Thomas, SWD
R. Harwood, Polk County
J. Harper, EPA
J. Bunyak, NPS
S. Smallwood, P.E.

Best Available Control Technology (BACT) Determination
Ridge Generating Station
Polk County
(REVISED FOR FINAL PERMIT LIMITS)

In 1992 the Department issued a permit to construct a 50 MW power generation facility named the Ridge Generating Station (RGS) and located near Auburndale in Polk County, Florida. The facility consists of a solid fuel boiler, steam turbine, generator and associated equipment. Fuel for the facility consists of a mixture of waste wood and scrap tires.

A BACT determination was required for all regulated air pollutants emitted in amounts equal to or greater than the significant emission rates listed in Table 500-2 of Florida Administrative Code (F.A.C.) Rule 17-2.500. The Department issued the construction permit with preliminary emission limits under the condition that final emission limits would be established following completion of a comprehensive emissions testing program conducted by the permittee. This revised BACT determination is pursuant to that permit condition.

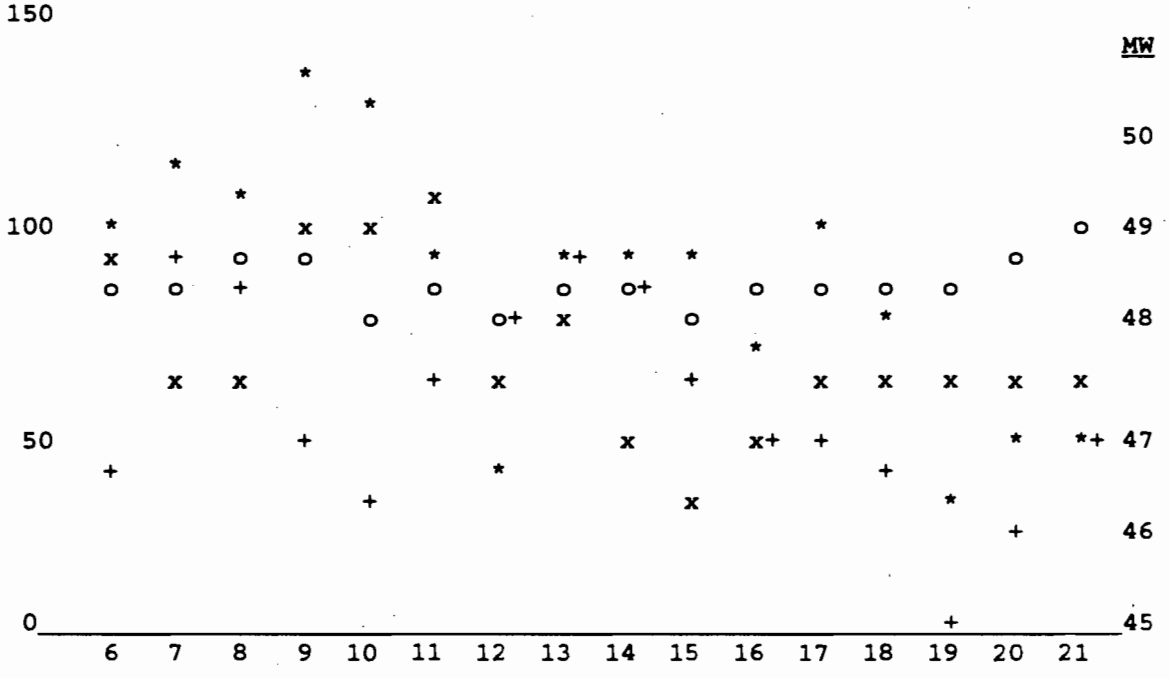
The permittee proposed final emission limits based on a statistical analysis of the comprehensive test program results covering the period from September 1, 1994, through April 30, 1995. During this period, the full range of permitted fuels were fired ranging from 100% wood-0% tires to 60% wood-40% tires. Compared to those proposed limits below are the current "interim" permitted limits based on maximum emissions for the worst case fuel mix of 60% wood-40% tires. Also shown are the average actual and maximum emissions determined by the Department from the RGS data for operation under the worst-case condition of firing 60% wood-40% tires at 90-100% of permitted capacity (45-50 MW) during the period from March 1, 1995 through April 30, 1995.

	Maximum Allowable Emissions (All Fuels)				60% Wood-40% Tires Test Program Actuals		
	RGS Proposed Final*		Intermim Permitted				
Pollutant	lb/hr	tons/yr	lb/hr	tons/yr	lb/hr Avg.	lb/hr Max.1-hr	tons/yr Avg.
PM/PM10	12.6	55.2	12.6	55.2	1.2~	2.1~	5.3~
SO2	96.0	420.5	72.0**	315.4	75.0^	213.5^	328.5^
NOx	94.5	413.9	94.5	413.9	83.2^	153.1^	364.4^
CO	230.0	1,007.4	315.0	1,379.7	76.4^	447.2^	334.6^
VOC	22.1	96.8	22.1	96.8	1.4~	1.7~	6.1~
HCL	5.0	22.1	5.0	22.1	0.4~	0.7~	1.8~
Hg	0.022	0.097	0.022	0.097	8.6~"	9.1~"	37.7~"
Pb	0.25	1.1	0.25	1.1	9.3~"	40.0~"	40.7~"
Be	0.0063	0.03	0.0063	0.03	1.8~'	1.8~'	7.9~'

* Based on 24 hr. block averages of CEMS data over 8 month period.
** 30-day rolling average (amended for firing of 60% wood-40% tires).
~ Based on averages of two quarterly manual stack tests.
^ Based on total CEMS average for worst-case operation over 2 month period.
" Multiply by 0.0001.
' Multiply by 0.00001.

The SO2 emissions varied greatly compared to the fluctuations in NOx emissions, indicating far better response and control for the SNCR system relative to the Spray Dryer-Absorber/Fabric Filter system. Wide variation in CO emissions occurred but this was expected due to the nature of the feed. The response of the SO2 control system appears to lag considerably behind changes in megawatts produced. This can be seen below from the operating data for the longest sustained operating period at 90-100% of capacity while firing 60% wood-40% tires (about 16 hours). Other operating cycles of less duration showed similar variations:

EMISSION RATES (LBS/HR)



HOUR # - CEMS DATA FOR 3/1/95
(*) - SO2 (o) - NOx (x) - CO (+) - MW

In establishing initial limits based on 24-hour averages, the Department did not know that the fluctuation in emissions would be great enough to justify longer-term averages in setting final limits. Also, it was not known initially that periods of continuous operation of the RGS boiler at full capacity would be so short relative to boilers firing more conventional fuels. For these reasons, the Department has proposed final emission limits based on 30-day rolling averages. Listed below are the 30-day rolling averages calculated by the Department for the worst case condition (60% wood-40% tires), assuming that no interruptions had occurred in normal operation during the 30 days following initial firing with 40% tires through the final day of the test program on April 30.

30-DAY ROLLING AVERAGE EMISSION RATE (LBS/HR)
FOR 3/30/95 - 4/30/95 (60% WOOD-40% TIRES)

DATE	SO2	NOx	CO
3/30	57.9	80.1	98.4
3/31	57.1	80.3	99.0
4/1	57.9	80.8	101.6
4/2		BOILER DOWN	
4/3		" "	
4/4		" "	
4/5		" "	
4/6		" "	
4/7		" "	
4/8		" "	
4/9		" "	
4/10	57.3*	79.1*	101.3*
4/11	56.3	78.1	99.1
4/12	56.9	76.3	98.6
4/13	56.4	74.5	95.3
4/14	54.8	73.5	94.3
4/15	54.3	72.8	95.7
4/16	53.1	71.7	95.5
4/17	52.6	70.7	93.8
4/18	52.7	69.9	91.1
4/19	53.9	69.6	89.6
4/20	53.6	68.7	88.6
4/21	52.6	68.2	89.4
4/22	52.4	67.7	89.7
4/23	52.7	67.6	89.9
4/24	52.3	67.0	92.1
4/25	51.7	67.1	95.3
4/26	52.1	67.8	95.7
4/27	51.3	67.1	94.7
4/28		BOILER DOWN	
4/29		" "	
4/30	51.6*	66.5*	93.9*

* Assumes that operation was essentially continuous over the previous 30 days.

The Department believes that final BACT emission limits should be based on the highest of the above CEMS data plus a margin for compliance. The following shows how these final limits for SO2 and NOx compare on the basis of heat input with the 40 CFR 60 Subpart Db limits for boilers:

Pollutant	Highest 30-DRA	Final Limit 30-DRA		Subpart Db
	lb/hr	lb/hr	lb/MMBTU*	lb/MMBTU
SO2	57.9	65.0	0.10	0.5 (oil>0.5%S)
NOx	80.8	90.0	0.14	0.3 (gas-wood-MSW)
PM	2.1^	4.0^	0.006^	0.1 (>30% wood)
VE	-	10% opacity		20% opacity

* Based on an average factor for MMBTU/MW of 12.8. This is presented for comparison only and is not a limit to be enforced.
^ Not a 30-DRA. EPA Method 5 test to be required if VE exceeded.

It should be noted that the final SO2 limit is about 10% below the revised interim limit of 72 lb/hr and about 13% below the 75 lb/hr "continuous operation" average for 90-100% capacity utilization during the 60%-40% test period. This assumes that normal operation will follow the same pattern shown during the test program and will average less than 90-100% of full capacity on a continuous basis. If for some reason the plant operates at substantially higher average rates, the permittee has the capability of increasing lime injection rates to further control SO2 emissions.

All of the final BACT emission limits are presented in the following table. In view of the extremely low emissions of VOCs, HCl, Hg, Pb, and Be relative to the interim limits, and the fact no control measures appear to be warranted for them at this time, the Department accepts the permittee's proposal to maintain the interim limits as the final limits for these pollutants. The Department found insufficient justification for including final limits for other pollutants such as ammonia, arsenic, benzene, cadmium, chromium, PCBs, dioxins/furans, zinc oxide, and sulfuric acid.

Pollutant	Final BACT Limit	Basis for Compliance
SO2	65.0 lb/hr	30-Day Rolling Average CEMS*
NOx	90.0 lb/hr	30-Day Rolling Average CEMS*
CO	114.0 lb/hr	30-Day Rolling Average CEMS*
PM/PM10	4.0 lb/hr	EPA Method 5 if VE>10%
VOC	22.1 lb/hr	EPA Method 25A^-only if requested
HCl	5.0 lb/hr	EPA Method 26^-only if requested
Hg	0.022 lb/hr	EPA Method 101A^-only if requested
Pb	0.25 lb/hr	EPA Method 12^-only if requested
Be	0.0063 lb/hr	EPA Method 104^-only if requested
VE	10% Opacity	EPA Method 9-annual basis

* A new 30-day rolling average emission rate is calculated each steam generating unit operating day as the average of all of the hourly emission data for the preceding 30 steam generating unit operating days.
^ As performed during test program.

DRAFT BACT
FOR REVIEW/COMMENTS
CONTENTS SUBJECT TO CHANGE

Contact For Further Information:

John Reynolds
Permit Engineer
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400
Telephone 904-488-1344

Recommended By:

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

Date

Approved By:

Howard L. Rhodes, P.E., Director
Division of Air Resources Management

Date

Wheelabrator Ridge Energy Inc.

3131 K-Ville Avenue
Auburndale, FL 33823
Tel. 813-665-2255
Fax. 813-665-0400

July 19, 1995

RECEIVED
JUL 24 1995
Bureau of
Air Regulation

State of Florida
Department of Environmental Protection
Chief Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Air Permit #AC53-206244, PSD-FL-183

Dear Sir:

In accordance with 40 C.F.R. 60.50a(d), 60.59a(b)(14), and 60.59a(m), enclosed please find data summarizing the daily weight of MSW and other fuels fired during the Second Quarter 1995. Our percentage of MSW combusted continues to be under 30%, so we remain subject only to the record keeping and reporting requirements for co-fired combustors under the MWC NSPS, 40 C.F.R. Part 60, Subpart Ea.

If you have any questions regarding this submittal, please contact Chuck Davis at (941) 665-2255.

Sincerely,

Rodney Williams
Plant Manager

cc: EPA Region IV
B. Proses, DEP S.W. District

Certification # P 013 080 057

WHEELABRATOR RIDGE ENERGY
APRIL '95 STATS

19-Jul

		MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		
		YARDWASTE TONS	TIRES TONS	PROCESSED TONS	WOOD TONS	PROPANE TONS	TOTAL PROCESSED TONS
1st Qtr		7495.85	7181.40	14677.25	79575.84	344.30	94597.39
SUN							
MON							
TUE							
WED							
THU							
FRI							
SAT	1	62.26	103.12	165.38	937.15	4.43	1106.96
SUN	2	0.00	0.00	0.00	0.00	5.06	5.06
MON	3	0.00	0.00	0.00	0.00	0.00	0.00
TUE	4	0.00	0.00	0.00	0.00	0.00	0.00
WED	5	0.00	0.00	0.00	0.00	0.00	0.00
THU	6	0.00	0.00	0.00	0.00	0.00	0.00
FRI	7	0.00	0.00	0.00	0.00	0.00	0.00
SAT	8	0.00	0.00	0.00	0.00	0.00	0.00
SUN	9	5.50	17.70	23.20	88.34	21.52	133.06
MON	10	50.39	73.90	124.29	809.28	4.20	937.77
TUE	11	48.10	82.24	130.34	772.47	1.90	904.71
WED	12	54.67	107.55	162.22	878.01	0.63	1040.86
THU	13	33.35	47.14	80.49	535.62	12.66	628.77
FRI	14	67.11	90.33	157.44	1077.74	0.63	1235.81
SAT	15	62.69	84.49	147.18	1006.67	0.00	1153.85
SUN	16	61.28	103.78	165.06	857.88	0.00	1022.94
MON	17	64.87	99.19	164.06	908.20	0.00	1072.26
TUE	18	70.77	123.55	194.32	990.86	0.00	1185.18
WED	19	73.38	116.52	189.90	1027.30	0.00	1217.20
THU	20	39.72	85.06	124.78	556.09	6.96	687.83
FRI	21	77.49	59.78	137.27	1084.94	2.53	1224.74
SAT	22	73.39	50.76	124.15	1027.41	1.27	1152.83
SUN	23	203.08	43.49	246.57	1105.37	0.00	1351.94
MON	24	185.81	71.01	256.82	1011.38	0.00	1268.20
TUE	25	184.44	89.23	273.67	1003.95	0.63	1278.25
WED	26	169.00	100.58	269.58	919.91	0.00	1189.49
THU	27	160.15	90.85	251.00	871.71	0.00	1122.71
FRI	28	18.22	20.77	38.99	99.20	1.27	139.46
SAT	29	0.00	0.00	0.00	0.00	15.13	15.13
SUN	30	90.35	101.75	192.10	713.48	10.13	915.71
MTD		1856.05	1762.79	3618.84	18282.93	88.96	21990.73
				16.46%	83.14%	0.40%	100.00%

		YARDWASTE TONS	TIRES TONS	TOTAL MSW PROCESSED TONS	OTHER FUELS WOOD TONS	PROPANE TONS	TOTAL PROCESSED TONS
WK	1	62.26	103.12	165.38	937.15	4.43	1106.96
WK	2	0.00	0.00	0.00	0.00	5.06	5.06
WK	3	321.83	503.35	825.18	5168.11	41.55	6034.84
WK	4	460.90	638.64	1099.54	6452.68	10.76	7562.98
WK	5	920.71	415.93	1336.64	5011.51	17.03	6365.18
WK	6	90.35	101.75	192.10	713.48	10.13	915.71
MTD		1856.05	1762.79	3618.84	18282.93	88.96	21990.73
				15.69%	83.94%	0.37%	100.00%
YTD		9351.90	8944.19	18296.09	97858.77	433.26	116588.12

WHEELABRATOR RIDGE ENERGY
MAY '95 STATS

19–Jul

		MSW		TOTAL	OTHER FUELS		
		YARDWASTE PROCESSED TONS	TIRES PROCESSED TONS	MSW PROCESSED TONS	WOOD PROCESSED TONS	PROPANE PROCESSED TONS	TOTAL PROCESSED TONS
SUN							
MON	1	114.20	91.68	205.88	901.81	9.07	1116.76
TUE	2	111.65	93.46	205.11	881.67	4.43	1091.21
WED	3	129.08	107.71	236.79	1019.35	0.00	1256.14
THU	4	115.66	104.47	220.13	913.36	0.00	1133.49
FRI	5	104.88	86.68	191.56	828.23	0.00	1019.79
SAT	6	141.85	105.40	247.25	1120.16	0.00	1367.41
SUN	7	198.75	107.09	305.84	1044.57	0.00	1350.41
MON	8	204.00	81.59	285.59	1072.18	0.00	1357.77
TUE	9	225.61	87.95	313.56	1185.72	0.00	1499.28
WED	10	198.59	107.59	306.18	1043.73	0.00	1349.91
THU	11	199.86	102.74	302.60	1050.39	0.00	1352.99
FRI	12	65.44	38.20	103.64	343.93	6.33	453.90
SAT	13	197.70	107.47	305.17	1039.02	0.00	1344.19
SUN	14	112.54	107.36	219.90	1061.83	0.00	1281.73
MON	15	114.86	102.29	217.15	1083.74	0.00	1300.89
TUE	16	114.85	107.10	221.95	1083.67	0.00	1305.62
WED	17	111.53	106.21	217.74	1052.30	0.63	1270.67
THU	18	106.26	100.32	206.58	1002.58	0.00	1209.16
FRI	19	76.38	58.34	134.72	720.71	0.00	855.43
SAT	20	88.08	99.06	187.14	831.01	26.55	1044.70
SUN	21	200.06	93.29	293.35	1073.42	0.00	1366.77
MON	22	204.23	65.94	270.17	1095.79	0.00	1365.96
TUE	23	251.41	28.88	280.29	1348.96	0.00	1629.25
WED	24	229.02	93.54	322.56	1228.81	0.00	1551.37
THU	25	154.74	96.72	251.46	830.23	5.06	1086.75
FRI	26	179.69	101.87	281.56	964.11	1.27	1246.94
SAT	27	177.48	90.51	267.99	952.28	0.00	1220.27
SUN	28	139.46	91.80	231.26	888.08	0.00	1119.34
MON	29	138.16	106.36	244.52	879.78	10.13	1134.43
TUE	30	112.74	85.85	198.59	717.90	12.90	929.39
WED	31	89.97	62.72	152.69	572.91	10.13	735.73
THU							
FRI							
SAT							
MTD		4608.72	2820.19	7428.91	29832.24	86.51	37347.66
				19.89%	79.88%	0.23%	100.00%

				TOTAL	OTHER FUELS		
		YARDWASTE PROCESSED TONS	TIRES PROCESSED TONS	MSW PROCESSED TONS	WOOD PROCESSED TONS	PROPANE PROCESSED TONS	TOTAL PROCESSED TONS
WK	1	717.32	589.40	1306.72	5664.58	13.50	6984.80
WK	2	1289.95	632.63	1922.58	6779.54	6.33	8708.45
WK	3	724.50	680.68	1405.18	6835.84	27.19	8268.21
WK	4	1396.62	570.75	1967.37	7493.61	6.33	9467.31
WK	5	480.34	346.73	827.07	3058.66	33.16	3918.89
MTD		4608.72	2820.19	7428.91	29832.24	86.51	37347.66
				16.71%	82.95%	0.34%	100.00%
YTD		13960.62	11764.38	25725.00	127691.01	519.77	153935.78

WHEELABRATOR RIDGE ENERGY
JUNE'95 STATS

19-Jul

		MSW			OTHER FUELS		
		YARDWASTE PROCESSED TONS	TIRES PROCESSED TONS	TOTAL MSW PROCESSED TONS	WOOD PROCESSED TONS	PROPANE PROCESSED TONS	TOTAL PROCESSED TONS
SUN							
MON							
TUE							
WED							
THU	1	101.34	67.25	168.59	645.28	15.83	829.70
FRI	2	106.04	74.00	180.04	675.20	5.87	861.11
SAT	3	133.69	99.39	233.08	851.32	0.38	1084.78
SUN	4	132.25	103.88	236.13	729.99	0.63	966.75
MON	5	99.96	88.92	188.88	551.75	10.76	751.39
TUE	6	65.66	37.91	103.57	362.41	0.63	466.61
WED	7	68.72	37.96	106.68	379.32	0.00	486.00
THU	8	0.00	0.00	0.00	0.00	0.00	0.00
FRI	9	0.00	0.00	0.00	0.00	1.87	1.87
SAT	10	133.60	55.22	188.82	737.41	6.33	932.56
SUN	11	49.88	63.55	113.43	578.62	12.03	704.08
MON	12	72.78	81.44	154.22	844.30	0.00	998.52
TUE	13	68.20	88.17	156.37	791.12	0.00	947.49
WED	14	69.78	67.54	137.32	809.52	6.96	953.80
THU	15	74.88	72.87	147.75	868.66	0.00	1016.41
FRI	16	68.56	82.36	150.92	795.35	0.00	946.27
SAT	17	68.49	57.37	125.86	794.48	5.70	926.04
SUN	18	174.55	72.87	247.42	718.76	0.00	966.18
MON	19	171.14	75.25	246.39	704.72	10.13	961.24
TUE	20	174.05	107.50	281.55	716.72	0.00	998.27
WED	21	158.60	104.58	263.18	653.11	0.00	916.29
THU	22	50.88	16.96	67.84	209.51	0.00	277.35
FRI	23	0.00	0.00	0.00	0.00	12.03	12.03
SAT	24	202.81	77.04	279.85	835.13	6.33	1121.31
SUN	25	103.70	85.36	189.06	949.95	0.00	1139.01
MON	26	94.43	77.89	172.32	865.02	0.00	1037.34
TUE	27	113.10	74.06	187.16	1036.02	0.00	1223.18
WED	28	105.54	66.16	171.70	966.81	0.63	1139.14
THU	29	98.54	70.33	168.87	902.62	0.00	1071.49
FRI	30	100.69	93.99	194.68	922.34	0.00	1117.02
SAT							
MTD		2861.85	1999.82	4861.67	19895.45	96.11	24853.23
				19.56%	80.05%	0.39%	100.00%

		MSW			OTHER FUELS		
		YARDWASTE PROCESSED TONS	TIRES PROCESSED TONS	TOTAL MSW PROCESSED TONS	WOOD PROCESSED TONS	PROPANE PROCESSED TONS	TOTAL PROCESSED TONS
WK	1	341.06	240.64	581.70	2171.81	22.08	2775.59
WK	2	500.19	323.89	824.08	2760.88	20.23	3605.19
WK	3	472.57	513.30	985.87	5482.05	24.69	6492.61
WK	4	932.02	454.20	1386.22	3837.96	28.49	5252.67
WK	5	616.01	467.79	1083.80	5642.75	0.63	6727.18
MTD		2861.85	1999.82	4861.67	19895.45	96.11	24853.23
				17.11%	82.55%	0.34%	100.00%
YTD		16822.47	13764.20	30586.67	147586.46	615.88	178789.01

Wheelabrator Ridge Energy Inc.

3131 K-Ville Avenue
Auburndale, FL 33823
Tel. 813-665-2255
Fax 813-665-0400

July 17, 1995

State of Florida
Department of Environmental Protection
Chief Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station--Request for Permit Amendment to Increase Tire Burning
Air Permit #AC53-206244, PSD-FL-183

Attn: Mr. A. Linero

Dear Mr. Linero:

Pursuant to Facility correspondence dated April 17, 1995 and June 29, 1995, Department correspondence of July 3, 1995, and subsequent verbal communication with the Department, the Facility is willing to accept a revised SO_2 permit limit on an interim basis. It is our understanding that the Department will amend the subject permit to allow the combustion of 40% tires by heat input (approximately 16.9% by weight) with an interim SO_2 emission limit of 72 lb/hr, based on a 30-day rolling average.

It is also our understanding that if the CEMS data generated during this interim period demonstrates that higher SO_2 permit limits are justified, then the Department will consider this data prior to establishing a final permit limit for SO_2.

We look forward to your early favorable reply. Upon receipt, we will publish the required 14-day public notice.

If you have any questions concerning this submittal, please do not hesitate to contact Gary Aguinaga at (941) 665-2255, or Matt Killeen at (603) 929-3420.

Sincerely,

Rodney Williams
Plant Manager

cc: F. Ferraro
G. Aguinaga
J. Rogers
M. Killeen
C. Davis
J. Goodwin

Certification #P 013 080 055

Is your RETURN ADDRESS completed on the reverse side?

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 to:
Rodney Williams, Plant Mgr.
Wheelabrator Ridge Energy
3131 K-Ville Ave
Auburndale, Fl 33823

4a. Article Number
P 872 563 675

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

7. Date of Delivery

5. Signature (Addressee)

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

6. Signature (Agent)
Linda K. Colon

AUBURNDALE, FL MAR 4 1995

PS Form 3811, December 1991 ☆U.S. GPO: 1992—323-402 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

P 872 563 675

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

UNITED STATES POSTAL SERVICE

Sent to: Rodney Williams	
Street and No. Wheelabrator Ridge	
P.O., State and ZIP Code Auburndale 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 proceed w/ testing	3-8-95

PS Form 3800, JUNE 1991

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

July 6, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

* Not Signed

DRAFT

Dear Mr. Williams:

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

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 percent tires (percent by weight equivalent to 40 percent tires based on heat content). The 18.0 percent tire weight limitation is equivalent to a tire firing rate of 18,000 pounds of tires per hour. Propane may be used as a startup, shutdown, and combustion stabilization fuel.

DRAFT

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.

Pollutant	lbs/hr*	tons/yr
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	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. 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.

To:

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.

Pollutant	lbs/hr*	tons/yr
PM/PM_{10}	12.6	55.2
SO_2	**63.0**	**275.9**
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. 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.

DRAFT

C. Attachments to be Incorporated:

- Wheelabrator letter dated May 5, 1995
- DEP letter dated July 3, 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 position taken by it in this amendment. Persons whose substantial interests will be affected by any decision of the Department with regard to the request/application 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

DRAFT

amendment 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.

This letter amendment must be attached to the construction permit, No. AC 53 - 206244, PSD-FL-183 and shall become part of the permit.

Sincerely,

Howard L. Rhodes
Director
Division of Air Resources
Management

HLR/AAL/kw

Attachment

cc: B. Thomas, SWD
J. Reynolds, BAR
S. Smallwood, P. E.
J. Harper, EPA
J. Bunyak, NPS

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this AMENDMENT and all copies were mailed by certified mail before the close of business on _____ to the listed persons.

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 Date

file

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

July 3, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

RE: Ridge Generating Station Permit Number AC53-206244, PSD-FL-183
Request for Permit Amendment to Increase Tire Burning

Dear Mr. Williams:

The Department reviewed your request dated April 27, 1995 to increase the fraction of tires burned at your facility from 20 to 40 percent (%) and may not be able to approve it as an amendment under the conditions resulting from the recent testing. The reasons are that the sulfur dioxide (SO_2) emission rate of 72.8 lb/hr under the 40% scenario exceeds the Best Available Control Technology (BACT) level of 63 lb/hr proposed by the Department in the original permit as well as the emission rate of 47.6 lb/hr measured under the 20% mode.

Wheelabrator apparently presumed that the allowable (and actual) emissions are 109.4 lb/hr based on the BACT level of 479.2 tons per year (TPY) originally proposed by the company and which has served as the interim emission limit until completion of the ongoing test program. The Department may indeed presume that actual emissions are the same as allowable emissions particularly in cases where a facility has not yet operated or operated for a very short period of time.

The Department, however, recommends that Wheelabrator commit to the interim limit of 63 lb/hr (275.9 TPY) as proposed by Department in its BACT determination. The final value can be set as previously agreed after Wheelabrator submits the rest of the data from the ongoing test program.

Based on your favorable reply, we will be able to issue an amendment of the original permit based on the enclosed draft. However our Notice will still need to be published.

We welcome your thoughts. If you have any questions on this matter, please call me or A. A. Linero at (904)488-1344.

Sincerely,

A. A. Linero, P.E. for

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

CHF/aal/l

cc: Steve Smallwood, P.E. by Hand Delivery - A.A.L. 7/3/95
Bill Thomas, SWD
John Reynolds, BAR

No green card received

Z 392 979 012

Receipt for Certified Mail

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

UNITED STATES POSTAL SERVICE

PS Form 3800, March 1993

Sent to Mr. Rodney Williams	
Street and No. 3131 K-Ville Avenue	
P.O., State and ZIP Code Auburndale, FL 33823	
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 5 July 1995 AC53-206244 PSD-FL-183 Permit Draft Amendment	

Wheelabrator Ridge Energy Inc.

3131 K-Ville Avenue
Auburndale, FL 33823
Tel. 813-665-2255
Fax 813-665-0400

3255 0102869

April 27, 1995

May 5th, '95

Mr. Clair Fancy, P.E.
Chief, Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Permit Number AC53-206244 PSD-FL-183
Request for Permit Amendment

Dear Mr. Fancy:

Ridge Generating Station L.P. requests that Specific Condition #3 of the subject permit be amended to increase Ridge Generating Station's permitted tire firing capacity from 20 percent to 40 percent by heat input. Enclosed is the $250.00 fee required to process this request.

Department approval to conduct special testing at 40% tires was received on February 9, 1995. Testing was conducted at the 40% heat input level during the first week of March, 1995. Test results clearly indicate that the facility emission limits can be met at the increased tire firing rate. Enclosed is data summarizing stack test results at 40% tires/60% wood and at 20% tires/80% wood.

Since increasing the percentage of tires combusted from 20% to 40% (heat input basis) does not result in any of the regulated air pollutants exceeding their maximum allowable BACT emission limits in the permit, it is appropriate to process this request as a permit amendment. Pursuant to Rule 62-212.200 (Definitions) (2) ("Actual Emissions"), (b) "The Department may presume that source specific allowable emissions for a source are equivalent to the actual emissions of the source provided that, for any air pollutant that is regulated by the EPA under the Clean Air Act, such source specific allowable emissions limits are federally enforceable." Rule 62-212.200 (Definitions), (2) ("Actual Emissions"), (c) states that "for a source which has not completed start-up and testing on a particular date, actual emissions shall equal the potential emissions at the source on that date."

The Facility has not completed start-up and testing since the comprehensive emissions test program required by Specific Condition #8 of the subject permit has not yet been completed. The emission limits in the permit are federally enforceable. The potential emissions are the federally enforceable limits in the permit. The test data demonstrates that all of the federally enforceable BACT emission limits in the permit would be met. There are both operational and environmental benefits to burning a higher percentage of tires. Therefore, the facility's allowable emissions are its current "actual emissions."

Since the facility is not requesting an increase in any of the allowable emission limits, the requested change does not result in a "net emissions increase." If there is not a "net emissions increase," the proposed change in the method of operations is not a "modification." Therefore, the Department can process the requested change as an amendment to the permit.

Based on the above, it is requested that Specific Condition #3 of the subject permit be amended to read as follows:

> **Fuel for firing the RGS boiler shall consist only of wood, landfill gas, and up to 16.1 percent tires by weight (equivalent to 40 percent tires based on heat content). The 16.1 percent tire weight limitation is equivalent to 18,505 pounds of tires per hour. Propane may be used as a startup, shutdown, and combustion stabilization fuel.**

Thank you for your early response to this request. This change is important to the Facility now because it will improve current operational flexibility and efficiency. It will also help to more rapidly alleviate the tire disposal problem in Florida. Facility representatives would be very happy to meet with you if you have questions related to this submittal or if you require additional information. Please do not hesitate to contact Gary Aguinaga at (813) 665-2255.

Sincerely,

Rodney Williams

Rodney Williams
Plant Manager

Certification # P 013 080 037

cc: B. Proses (DEP, SW District)
W. Ferguson
F. Ferraro
M. Killeen
G. Aguinaga
S. Smallwood

Wheelabrator Ridge Energy, Inc. - Summary of Results

Condition I - 80% Wood/20% Tires at 100% Load
February/March 1995

POLLUTANT	UNITS	TEST RESULT				PERMIT LIMIT	COMMENT
		Rep. 1	Rep. 2	Rep. 3	Average*		
Particulate/PM10	lb/hr	2.2	2.0	1.1	1.8	12.6	
Sulfur Dioxide	lb/hr	68.9	40.6	33.2	47.6	109.4	
Nitrogen Oxides	lb/hr	82.4	86.6	84.3	84.4	94.5	
Carbon Monoxide	lb/hr	58.0	72.8	46.8	59.2	315.0	
Non-Methane Hydrocarbon	lb/hr	3.2	2.7	1.3	2.4	22.1	
Hydrogen Chloride	lb/hr	0.1	0.5	0.1	0.2	5	Rep. 1 & 3 were Non-Detect
Mercury	lb/hr	8.0E-04	8.7E-04	8.7E-04	8.5E-04	0.022	Rep. 1,2 & 3 were Non-Detect
Lead	lb/hr	1.8E-03	8.8E-03	5.6E-04	3.7E-03	0.25	
Beryllium	lb/hr	1.9E-05	1.9E-05	1.8E-05	1.9E-05	0.0063	Rep. 1,2 & 3 were Non-Detect

* - Non Detect values used in averages for worst case.

Condition III - 60% Wood/40% Tires at 100% Load
February/March 1995

POLLUTANT	UNITS	TEST RESULT				PERMIT LIMIT	COMMENT
		Rep. 1	Rep. 2	Rep. 3	Average*		
Particulate/PM10	lb/hr	0.43	2.0	1.82	1.4	12.6	
Sulfur Dioxide	lb/hr	74.2	87.3	56.9	72.8	109.4	
Nitrogen Oxides	lb/hr	78.1	77.0	82.2	79.1	94.5	
Carbon Monoxide	lb/hr	56.6	64.3	63.7	61.5	315.0	
Non-Methane Hydrocarbon	lb/hr	1.5	0.9	1.3	1.2	22.1	
Hydrogen Chloride	lb/hr	0.1	0.2	0.2	0.2	5	
Mercury	lb/hr	9.1E-04	9.0E-04	8.0E-04	8.7E-04	0.022	Rep. 1,2 & 3 were Non-Detect
Lead	lb/hr	4.0E-03	6.1E-04	2.2E-04	1.6E-03	0.25	
Beryllium	lb/hr	1.8E-05	1.8E-05	1.8E-05	1.8E-05	0.0063	Rep. 1,2 & 3 were Non-Detect

* - Non Detect values used in averages for worst case.

a:\feb95.wk4

RIDGE GENERATING STATION, L.P.
3131 K-VILLE AVENUE
AUBURNDALE, FL 33823
(813) 665-2255

BARNETT BANK
AUBURNDALE, FLORIDA 33823
63-600/631 - 6

0102869 1152

April 28, 1995

PAY TO THE ORDER OF Florida Department of Environmental Protection $ 250.00

Two-hundred and fifty 00/100 ---------- DOLLARS

MEMO Air Permit Amendment Request

RC Williams

[redacted]

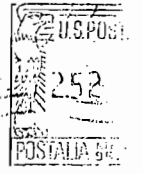
BEST AVAILABLE COPY

Wheelabrator Ridge Energ

CERTIFIED

P 013 080 037

MAIL



9/40

Department of Environmental Protection
Chief Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Attn: Mr. Clair Fancy, P.E.

32399-2400

Wheelabrator Ridge Energy Inc.

3131 K-Ville Avenue
Auburndale, FL 33823
Tel. 813-665-2255
Fax. 813-665-0400

April 17, 1995

State of Florida
Department of Environmental Protection
Chief Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Air Permit #AC53-206244, PSD-FL-183

Dear Sir:

In accordance with 40 C.F.R. 60.50a(d), 60.59a(b)(14), and 60.59a(m), enclosed please find data summarizing the daily weight of MSW and other fuels fired during the First Quarter 1995. Our percentage of MSW combusted continues to be under 30%, so we remain subject only to the record keeping and reporting requirements for co-fired combustors under the MWC NSPS, 40 C.F.R. Part 60, Subpart Ea.

Note that the table contains entries for MSW ("yard waste" and "tires") and non-MSW ("wood" and "propane"). Most of the material in the "wood" category is mulch. This mulch is produced off-site by contract suppliers from various sources of wood, including land-clearing waste, construction and demolition debris, pallets, yard waste, and other woody materials. Although the counties and other producers use part of the mulch, the mulch that cannot be used or marketed is sent to the Ridge facility. Since this mulch is a useful product and not a waste material, it is not MSW, and it has been listed separate from the MSW.

If you have any questions regarding this submittal, please contact Gary Aguinaga at (813) 665-2255.

Sincerely,

Rodney W. Williams

Rodney Williams
Plant Manager

CC: ~~SWD~~
EPA
NPS

cc: EPA Region IV
B. Proses, DEP S.W. District

Certification # P 013 080 035

WHEELABRATOR RIDGE ENERGY
JANUARY '95 STATS

13-Apr

		MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		
		YARDWASTE TONS	TIRES TONS	PROCESSED TONS	WOOD TONS	PROPANE TONS	TOTAL PROCESSED TONS
SUN	1	79.77	80.44	160.21	945.52	0.00	1105.73
MON	2	67.72	77.65	145.37	802.72	0.00	948.09
TUE	3	80.11	79.70	159.81	949.53	0.00	1109.34
WED	4	74.11	83.41	157.52	878.51	4.43	1040.46
THU	5	72.50	85.71	158.21	859.42	0.63	1018.26
FRI	6	43.20	21.91	65.11	512.03	15.83	592.97
SAT	7	69.68	95.28	164.96	825.92	0.00	990.88
SUN	8	5.12	7.22	12.34	70.58	0.00	82.92
MON	9	1.20	0.42	1.62	16.55	17.09	35.26
TUE	10	59.22	73.20	132.42	816.40	0.00	948.82
WED	11	73.08	82.80	155.88	1007.54	0.00	1163.42
THU	12	70.92	70.32	141.24	977.75	0.00	1118.99
FRI	13	74.72	47.77	122.49	1030.07	0.00	1152.56
SAT	14	58.61	70.77	129.38	808.06	0.00	937.44
SUN	15	73.20	60.24	133.44	804.25	0.00	937.69
MON	16	56.76	59.04	115.80	623.59	0.00	739.39
TUE	17	61.04	67.63	128.67	670.72	0.00	799.39
WED	18	82.26	68.52	150.78	903.78	0.00	1054.56
THU	19	64.47	85.89	150.36	708.32	0.63	859.31
FRI	20	81.51	80.69	162.20	895.60	0.00	1057.80
SAT	21	68.19	101.06	169.25	749.24	0.63	919.12
SUN	22	47.82	77.93	125.75	651.31	0.00	777.06
MON	23	42.79	57.95	100.74	582.83	7.60	691.17
TUE	24	55.00	74.80	129.80	749.14	0.00	878.94
WED	25	60.09	76.90	136.99	818.44	0.00	955.43
THU	26	35.45	54.18	89.63	482.79	6.33	578.75
FRI	27	0.00	0.00	0.00	0.00	0.00	0.00
SAT	28	12.07	31.24	43.31	164.42	12.03	219.76
SUN	29	42.64	59.43	102.07	647.36	0.00	749.43
MON	30	51.91	77.99	129.90	788.09	0.00	917.99
TUE	31	39.14	44.09	83.23	594.33	13.93	691.49
WED							
THU							
FRI							
SAT							
MTD	MTD	1704.28	1954.18	3658.46	21334.83	79.13	25072.42
	%FUELS			14.59%	85.09%	0.32%	100.00%

		MSW		TOTAL MSW	OTHER FUELS		
		YARDWASTE TONS	TIRES TONS	PROCESSED TONS	WOOD TONS	PROPANE TONS	TOTAL PROCESSED TONS
WK	1	487.09	524.10	1011.19	5773.65	20.89	6805.73
WK	2	342.88	352.50	695.38	4726.94	17.09	5439.41
WK	3	487.43	523.07	1010.50	5355.50	1.27	6367.27
WK	4	253.21	373.00	626.21	3448.94	25.95	4101.10
WK	5	133.69	181.51	315.20	2029.78	13.93	2358.91
MTD		1704.28	1954.18	3658.46	21334.83	79.13	25072.42
	%FUELS			14.59%	85.09%	0.32%	100.00%
	1stQTD	1704.28	1954.18	3658.46	21334.83	79.13	25072.42

WHEELABRATOR RIDGE ENERGY
FEBUARY '95 STATS

13-Apr

		MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		
		YARDWASTE TONS	TIRES TONS	PROCESSED TONS	WOOD TONS	PROPANE TONS	TOTAL PROCESSED TONS
SUN							
MON							
TUE							
WED	1	37.56	24.67	62.23	570.28	8.32	640.83
THU	2	51.97	46.88	98.85	789.11	0.00	887.96
FRI	3	74.13	48.40	122.53	1125.61	0.00	1248.14
SAT	4	71.57	80.01	151.58	1086.66	0.63	1238.87
SUN	5	76.37	87.21	163.58	1171.54	0.00	1335.12
MON	6	70.00	102.61	172.61	1073.83	0.00	1246.44
TUE	7	75.07	91.68	166.75	1151.46	0.00	1318.21
WED	8	80.59	95.81	176.40	1236.16	0.00	1412.56
THU	9	82.29	84.86	167.15	1262.33	0.00	1429.48
FRI	10	56.34	54.38	110.72	864.26	2.53	977.51
SAT	11	41.12	56.90	98.02	630.70	18.36	747.08
SUN	12	29.62	92.13	121.75	1181.85	0.00	1303.60
MON	13	26.02	101.45	127.47	1038.38	0.00	1165.85
TUE	14	21.93	99.74	121.67	874.93	0.09	996.69
WED	15	22.73	85.83	108.56	907.14	0.00	1015.70
THU	16	28.00	83.84	111.84	1117.19	3.17	1232.20
FRI	17	26.31	75.23	101.54	1049.84	19.03	1170.41
SAT	18	15.27	56.82	72.09	609.43	13.95	695.47
SUN	19	79.06	105.22	184.28	1072.13	29.13	1285.54
MON	20	74.32	103.69	178.01	1007.84	24.69	1210.54
TUE	21	65.52	106.11	171.63	888.47	28.53	1088.63
WED	22	76.51	105.54	182.05	1037.49	0.00	1219.54
THU	23	30.22	31.87	62.09	409.73	11.39	483.21
FRI	24	80.55	77.69	158.24	1092.21	0.00	1250.45
SAT	25	88.63	44.60	133.23	1201.86	0.00	1335.09
SUN	26	118.64	94.27	212.91	1133.17	0.00	1346.08
MON	27	124.52	39.69	164.21	1189.39	0.00	1353.60
TUE	28	86.39	17.41	103.80	825.20	24.42	953.42
WED							
THU							
FRI							
SAT							
MTD	MTD	1711.26	2094.54	3805.80	27598.18	184.24	31588.22
	%FUELS			12.05%	87.37%	0.58%	100.00%

		MSW		TOTAL MSW	OTHER FUELS		
		YARDWASTE TONS	TIRES TONS	PROCESSED TONS	WOOD TONS	PROPANE TONS	TOTAL PROCESSED TONS
WK	1	235.24	199.96	435.20	3571.65	8.95	4015.80
WK	2	481.79	573.45	1055.24	7390.27	20.89	8466.40
WK	3	169.87	595.04	764.91	6778.77	36.24	7579.92
WK	4	494.81	574.72	1069.53	6709.73	93.74	7873.00
WK	5	329.55	151.37	480.92	3147.76	24.42	3653.10
MTD		1711.26	2094.54	3805.80	27598.18	184.24	31588.22
	%FUELS			13.17%	86.36%	0.46%	100.00%
	1stQTD	3415.54	4048.72	7464.26	48933.01	263.36	56660.63

WHEELABRATOR RIDGE ENERGY
MARCH '95 STATS

13-Apr

		MSW PROCESSED		TOTAL MSW	OTHER FUELS PROCESSED		
		YARDWASTE TONS	TIRES TONS	PROCESSED TONS	WOOD TONS	PROPANE TONS	TOTAL PROCESSED TONS
SUN							
MON							
TUE							
WED	1	105.41	149.94	255.35	1006.83	0.00	1262.18
THU	2	104.37	144.99	249.36	996.93	0.00	1246.29
FRI	3	114.28	119.51	233.79	1091.53	0.00	1325.32
SAT	4	106.27	80.31	186.58	1015.03	7.60	1209.21
SUN	5	232.61	105.46	338.07	1061.85	0.00	1399.92
MON	6	198.90	52.74	251.64	907.92	18.99	1178.55
TUE	7	204.42	119.43	323.85	933.16	0.00	1257.01
WED	8	196.79	163.27	360.06	898.34	0.63	1259.03
THU	9	202.67	153.89	356.56	925.13	0.63	1282.32
FRI	10	203.29	106.53	309.82	928.00	3.18	1241.00
SAT	11	184.56	105.39	289.95	842.51	0.00	1132.46
SUN	12	65.17	106.80	171.97	1015.72	0.00	1187.69
MON	13	72.25	90.52	162.77	1126.08	0.00	1288.85
TUE	14	75.49	105.50	180.99	1176.66	0.00	1357.65
WED	15	73.85	85.12	158.97	1151.06	0.00	1310.03
THU	16	79.62	97.54	177.16	1241.06	0.00	1418.22
FRI	17	67.63	102.57	170.20	1054.16	0.00	1224.36
SAT	18	67.64	104.30	171.94	1054.20	0.00	1226.14
SUN	19	84.99	55.73	140.72	378.86	22.79	542.37
MON	20	218.59	102.88	321.47	974.36	0.00	1295.83
TUE	21	224.89	99.50	324.39	1002.46	0.00	1326.85
WED	22	209.97	100.40	310.37	935.93	0.00	1246.30
THU	23	206.27	98.83	305.10	919.47	0.00	1224.57
FRI	24	147.01	76.79	223.80	655.28	8.23	887.31
SAT	25	206.40	106.04	312.44	920.06	0.00	1232.50
SUN	26	72.12	105.48	177.60	1086.12	0.00	1263.72
MON	27	69.60	92.27	161.87	1048.28	0.00	1210.15
TUE	28	70.10	78.43	148.53	1055.73	5.70	1209.96
WED	29	63.53	74.94	138.47	956.77	4.43	1099.67
THU	30	65.78	75.46	141.24	990.75	11.00	1142.99
FRI	31	85.83	72.12	157.95	1292.60	0.00	1450.55
SAT							
MTD	MTD	4080.31	3132.68	7212.99	30642.83	83.18	37939.00
	%FUELS			19.01%	80.77%	0.22%	100.00%

		MSW		TOTAL MSW	OTHER FUELS		
		YARDWASTE TONS	TIRES TONS	PROCESSED TONS	WOOD TONS	PROPANE TONS	TOTAL PROCESSED TONS
WK	1	430.32	494.75	925.07	4110.33	7.60	5043.00
WK	2	1423.25	806.71	2229.96	6496.90	23.43	8750.29
WK	3	501.65	692.35	1194.00	7818.94	0.00	9012.94
WK	4	1298.12	640.17	1938.29	5786.42	31.02	7755.73
WK	5	426.96	498.70	925.66	6430.25	21.13	7377.04
MTD		4080.31	3132.68	7212.99	30642.83	83.18	37939.00
	%FUELS			15.52%	84.12%	0.37%	100.00%
	1stQTD	7495.85	7181.40	14677.25	79575.84	346.54	94599.63

Wheelabrator Ridge Energy Inc.

3131 K-Ville Avenue
Auburndale, FL 33823
Tel. 813-665-2255
Fax. 813-665-0400

April 4, 1995

Mr. A. A. Linero
Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Permit Number AC53-206244 PSD-FL-183
Affidavit of Publication

Dear Mr. Linero:

Enclosed for your files please find the original Affidavit of Publication for the legal notice published in the Lakeland Ledger on February 11, 1995 regarding special testing at Ridge Generating Station. This is provided as a follow-up to our submittal of February 11, 1995 which contained an original copy of the legal notice to serve as proof of publication until the affidavit was available.

If there are any questions regarding this submittal, please contact Gary Aguinaga at (813) 665-2255.

Sincerely,

Rodney Williams

Rodney Williams
Plant Manager

/lc

Attachment

cc: G. Aguinaga
B. Proses (DEP, SW)
M. Killeen
W. Ferguson
J. Rogers

cc: J. Harper, EPA
J. Bunyak, NPS

Certification #P013 080 032

AFFIDAVIT OF PUBLICATION

THE LEDGER

Lakeland, Polk County, Florida

Case No........................

STATE OF FLORIDA)
COUNTY OF POLK)

Before the undersigned authority personally appeared Robert Lee, who on oath says that he is Classified Manager of The Ledger, a daily newspaper published in Polk County, Florida; that the attached copy of advertisement, being a

...Notice of Intent...

in the matter of ...

...Special Testing...

in the ...

Court, was published in said newspaper in the issues of ...

...February 11;...

...1995...

Affiant further says that said The Ledger is a newspaper published at Lakeland, in said Polk County, Florida, and that the said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered as second class matter at the post office in Lakeland, in said Polk County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Signed ...[signature]...
Classified Advertising Manager

by Robert E. Lee who is personally known to me

Sworn to and subscribed before me this...11th...

day of ...February... A.D. 19...95...

KIMBERLY ANN HINKLE
MY COMMISSION # CC 434288
EXPIRES: January 19, 1999
Bonded Thru Notary Public Underwriters

Kimberly Ann Hinkle
Notary Public

My Commission Expires Kimberly Ann Hinkle...

Wheelabrator Ridge Energy Inc.
Acct. 21673

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ALLOW SPECIAL TESTING
Polk County

The Department of Environmental Protection gives notice of its intent to allow special testing at the Wheelabrator Ridge Energy, Inc., facility located off *State Road 542 and Taylor Road near Auburndale,* Polk County, Florida. The special testing is scheduled to commence on or about March 1, 1995, and April 1, 1995 and should last approximately 10 days each time. The facility proposes to increase the percentage of tires burned from the currently permitted 20% tires/80% wood, to 40% tires/60% wood for the duration of these special testing periods. This change is not expected to result in any additional impact to the environment.

A person whose substantial interests are affected by the Department's proposed action 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, 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. (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 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.

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

K524 - 2-11; 1995

K524

Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

March 2, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Dear Mr. Williams:

This provides notice that no petitions were filed during the 14-day period following publication of your proposed testing schedule. Accordingly, Wheelabrator Ridge Energy, Inc., is authorized to proceed with testing as outlined in the Department's letter dated February 9, 1995. As indicated in that letter, your construction permit will be amended following receipt of the emissions testing program results and upon receipt of the required permit amendment fee.

If there are any further questions regarding this matter, please call Al Linero or John Reynolds of our staff at 904-488-1344.

Sincerely,

Howard L. Rhodes

Howard L. Rhodes, Director
Division of Air Resources
Management

HLR/jr/t

cc: B. Thomas, SWD
L. Novak, Polk County
M. Harley, DEP
J. Harper, EPA
S. Smallwood, D&M
M. Killeen, WREI

Is your RETURN ADDRESS completed on the reverse side

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 to:
Rodney Williams, Plant Mgr.
Wheelabrator Ridge Energy
3131 K-Ville Ave
Auburndale, Fl 33823

4a. Article Number
P 872 563 605

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

7. Date of Delivery
2/10/95

5. Signature (Addressee)

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

6. Signature (Agent)
Linda Colon

PS Form **3811**, December 1991 ☆U.S. GPO: 1992—323-402 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

P 872 563 605

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

UNITED STATES POSTAL SERVICE

Sent to: Rodney Williams	
Street and No. Wheelabrator Ridge En.	
P.O., State and ZIP Code Auburndale, 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 2-7-95 Special Testing	

PS Form **3800**, JUNE 1991

Wheelabrator Ridge Energy Inc.

3131 K-Ville Avenue
Auburndale, FL 33823
Tel. 813-665-2255
Fax. 813-665-0400

February 11, 1995

Mr. Clair Fancy, P.E.
Chief, Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Permit Number AC53-206244 PSD-FL-183
Proof of Publication

Dear Mr. Fancy:

As required by your letter of February 9, 1995, the Facility has published the Department's "Notice of Intent to Allow Special Testing" scheduled to commence on or about March 1, 1995. The Notice was published in the Lakeland Ledger on Saturday, February 11, 1995. Enclosed is a copy of the notice, which serves as proof of publication.

We look forward to receiving your final authorization to proceed with testing following the 14-day period, which will end on February 25, 1995. If there are any questions or concerns regarding this submittal, please contact Gary Aguinaga at (813) 665-2255.

Sincerely,

Joseph Rogers for

Rodney Williams
Plant Manager

/lc

Attachment

cc: G. Aguinaga
M. Harley (DEP)
M. Killeen
F. Ferraro
W. Ferguson
S. Smallwood (D & M)
J. Rogers
J. Reynolds
B. Thomas, SWD
J. Harper, EPA
S. Nabors

thing you couldn't change."

Maxcy's wife, Laura, died last June. The couple had two daughters, Patricia and Laura Jean Maxcy Kuykendall, who lives in Austin, Texas. The Maxcys had nine grandchildren.

State Agriculture Commissioner Bob Crawford will induct the new members at the 17th-annual Hall of Fame banquet in the Special Events Center at the fairgrounds. For ticket information, call Tom Hughes at 621-7821.

Jun	382.40	382.70	381.80	381.80	— .40
Aug	386.40	386.40	385.80	385.70	— .30
Oct				389.70	— .20
Dec	394.40	394.60	393.50	393.90	— .10
Feb				398.10	
Apr				402.40	+ .10
Jun				406.90	+ .20
Aug				411.20	+ .30
Oct				415.60	+ .40
Dec				420.10	+ .50

Est. sales 13,000. Thu.'s sales 21,381
Thu.'s open int 170,209

SILVER
5,000 troy oz.; cents per troy oz.

	Open	High	Low	Settle	Chg.
Feb	474.0	474.0	474.0	474.6	+ .1
Mar	475.0	477.0	474.0	475.7	
Apr				478.1	
May	481.0	482.5	479.5	480.8	+ .2
Jul	487.0	487.5	485.0	486.2	+ .3
Sep	492.0	493.0	491.5	491.8	+ .3
Dec	501.0	502.5	499.0	500.9	+ .6
Jan				503.9	+ .7
Mar				510.4	+ .9
May				516.9	+1.0
Jul				523.5	+1.1
Sep				530.4	+1.2
Dec				540.5	+1.4

Est. sales 21,000. Thu.'s sales 34,052
Thu.'s open int 140,745
02-10-95 1503

with a fifteen mile radius to be used as the Fire District XIV Administrative Headquarters.

The bids shall be for existing space and must be within the described boundaries. The overall boundaries are to be within a fifteen mile radius from the intersection of Tillery Road and Highway 540 in Highland City, Florida as determined by the prepared document in the bid specification form.

The department desires a ten (10) year lease with twenty (20) and one (1) year optional renewal periods. The occupancy date for this lease is March 31, 1996. This lease is to be a FULL SERVICE LEASE.

Program requirements will be discussed at a MANDATORY pre-proposal conference held at 1:00 P.M. on 3/10/95 in the conference room at 270 Bartow Municipal Airport, Bartow, Florida 33830. BIDS FROM PARTIES NOT ATTENDING THIS MANDATORY PRE-PROPOSAL CONFERENCE WILL NOT BE ACCEPTED FOR CONSIDERATION.

Information and/or Bid Specifications will be available beginning 2/13/95 8:00 A.M. from the undersigned. Please refer to lease number 590:2504.

Bob Russell GSM
Steven Kiffer FSM
Department of Health and Rehabilitative Services
322 Bartow Municipal Airport
Bartow, Florida 33830
(813) 534-0845

Sealed bids will be received by the undersigned at the address below until 3:00 P.M. on 5/5/95. Bids will be opened immediately thereafter in conference room.

Bob Russell GSM
Steven Kiffer FSM
Department of Health and Rehabilitative Services
270 Bartow Municipal Airport
Bartow, Florida 33830

K-495 - 2-10; 2-11; 2-12; 2-17; 2-18; 2-19; 1995

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ALLOW SPECIAL TESTING
Polk County

The Department of Environmental Protection gives notice of its intent to allow special testing at the Wheelabrator Ridge Energy, Inc., facility located off State Road 542 and Taylor Road near Auburndale, Polk County, Florida. The special testing is scheduled to commence on or about March 1, 1995, and April 1, 1995 and should last approximately 10 days each time. The facility proposes to increase the percentage of tires burned from the currently permitted 20% tires/80% wood, to 40% tires/60% wood for the duration of these special testing periods. This change is not expected to result in any additional impact to the environment.

A person whose substantial interests are affected by the Department's proposed action 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, 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; (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 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.

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

K524 - 2-11; 1995

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ALLOW SPECIAL TESTING

Polk County

The Department of Environmental Protection gives notice of its intent to allow special testing at the Wheelabrator Ridge Energy, Inc., facility located off State Road 542 and Taylor Road near Auburndale, Polk County, Florida. The special testing is scheduled to commence on or about March 1, 1995, and April 1, 1995 and should last approximately 10 days each time. The facility proposes to increase the percentage of tires burned from the currently permitted 20% tires/80% wood, to 40% tires/60% wood for the duration of these special testing periods. This change is not expected to result in any additional impact to the environment.

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

Department of
Environmental Protection

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

Lawton Chiles
Governor

Virginia B. Wetherell
Secretary

February 9, 1995

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

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

Dear Mr. Williams:

Pursuant to your February 2 letter, the Department proposes that Wheelabrator Ridge Energy, Inc., conduct the next two scheduled quarterly stack tests as outlined in your letter and the revised Comprehensive Emissions Testing Program Protocol (to the extent that the Alternate Sampling Procedure requests previously submitted may be approved by the Department prior to testing). This will involve an additional test while burning 40% tires/60% wood during the February test and deleting the 20% tires/80% wood condition (to be replaced by 40% tires/60% wood) for the final quarterly test). This proposed authorization is pursuant to Paragraphs 403.061(15), (16), and (18), and 403.516(1), Florida Statutes, and Florida Administrative Code Rule 62-4.080.

Upon receipt of the emissions testing program results in accordance with Specific Condition No. 16 of the subject construction permit, and, upon receipt of the required fee, the Department will process the permit amendment request. Before conducting these quarterly tests under the revised conditions, you must publish the enclosed Notice of Intent to Allow Special Testing in a local newspaper of general circulation in order to provide an opportunity for public comment or hearing, if required. The final authorization cannot be issued until after the 14 day period has expired.

If there are any questions regarding this letter, please contact Mr. A. A. Linero or Mr. John Reynolds of our staff at 904-488-1344.

Sincerely,

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

CHF/jr/bjb
Enclosure

cc: B. Thomas, SWD
J. Harper, EPA
L. Novak, Polk County
S. Smallwood, D&M
M. Harley, DEP
M. Killeen, WREI

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION
NOTICE OF PERMIT

In the matter of an
Application for Permit by:

DER File No. AC53-206244
PSD-FL-183

Mr. Macauley Whiting, Jr.
Decker Energy-Ridge, Inc.
P. O. Box 2397
Winter Park, Florida 32790

_____/

Enclosed is Permit Number AC53-206244 to construct a wood/tire/landfill gas power generation facility at State Road 542 and Taylor Road near Auburndale, Polk County, Florida, issued pursuant to Section(s) 403, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the permit 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 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 Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

C. H. Fancy, P.E., Chief
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400
904-488-1344

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on 9-29-92 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) 9-29-92 (Date)

Copies furnished to:
W. Thomas, SWD
R. Anders, Polk County
J. Harper, EPA
C. Shaver, NPS
T. Fitzpatrick, P.E.
M. Killeen, WESI
S. Smallwood, D&M
B. Hickley, DER Tallahassee

Final Determination

Ridge Generating Station
Polk County, Florida

PSD-FL-183
AC 53-206244

Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation

September 23, 1992

Final Determination

The Technical Evaluation and Preliminary Determination for the permit to construct a wood/tire burning power generation facility near Auburndale in Polk County, Florida, was distributed on July 24, 1992. The Notice of Intent to Issue was published in The Ledger on July 29, 1992. Copies of the evaluation were available for public inspection at the Department's Tallahassee and Tampa offices.

Letters were received from the EPA and the Fish and Wildlife Service concurring with the Department's proposed action. Comments were received from the applicant on August 25, 1992, requesting minor modifications of certain specific conditions. The Department made the following changes in response to those comments:

Specific Condition No. 5 - The words "test data" in the last line of the footnote have been changed to "the emissions testing program". The calculation basis column (lb/MMBtu) was deleted to avoid confusion about what the enforceable limits are.

Specific Condition No. 6 - The last sentence was modified to indicate that future monitoring requirements for ammonia will depend on results of the emissions testing program.

Specific Condition No. 7 - The words "fly ash silo" have been changed to "ash handling area".

Specific Condition No. 8 - The 50 percent load condition was deleted and language added to clarify the meaning of "initial startup".

Specific Condition No. 9 - The words "initial testing program" were changed to "emissions testing program".

Specific Condition No. 16 - Language has been added to clarify requirements of the revised BACT application.

BACT Determination - As the applicant requested, the Department will not round off the proposed mercury emissions to 0.1 TPY. The Department does not see a need to make the requested changes regarding the economic analyses for the revised BACT application. The applicant should not be concerned that the Department might revise the determination to require other air pollution control systems (other than for mercury control).

The final action of the Department will be to issue construction permit AC53-206244 (PSD-FL-183) as modified.

Florida Department of Environmental Regulation

Twin Towers Office Bldg. ● 2600 Blair Stone Road ● Tallahassee, Florida 32399-2400

Lawton Chiles, Governor

Carol M. Browner, Secretary

PERMITTEE:
Ridge Generating Station, L.P.
P. O. Box 2397
Winter Park, Florida 32790

Permit Number: AC 53-206244
PSD-FL-183
Expiration Date: December 31, 1995
County: Polk
Project: Wood/Tire Burning Power Generation Facility

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawings, plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

For the construction of a 50 Megawatt power generation facility to be located at State Road 542 and Taylor Road near Auburndale, Polk County, Florida. The UTM coordinates are 416.7 km East and 3,100.4 km North.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. DER incompleteness letter dated 1-17-92.
2. RGS letter dated 3-19-92.
3. RGS letter dated 3-27-92.
4. RGS submittal received 4-6-92.
5. DOI letter dated 6-12-92.
6. EPA letter dated 7-15-92.
7. RGS letter dated 8-24-92.
8. EPA letter dated 8-27-92.

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or

GENERAL CONDITIONS:

auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

a. Have access to and copy any records that must be kept under the conditions of the permit;

b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and

c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

a. a description of and cause of non-compliance; and

b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except

GENERAL CONDITIONS:

where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

(x) Determination of Best Available Control Technology (BACT)
(x) Determination of Prevention of Significant Deterioration (PSD)
(x) Compliance with New Source Performance Standards (NSPS)

14. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least

GENERAL CONDITIONS:

three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. Unless otherwise indicated, the construction and operation of the Ridge Generating Station (RGS) facility shall be in accordance with the capacities and specifications stated in the revised application.

2. The RGS facility shall be allowed to operate at a maximum capacity of 50 Megawatts (approximately equivalent to 630 MMBtu/hr) for 8,760 hours per year.

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.

4. No municipal type solid waste, as defined in 40 CFR 60, Subpart Ea (except tires and waste wood), or hazardous waste, as defined in 40 CFR 261 and F.A.C. Rule 17-730.020, or medical waste as defined in 40 CFR 259.10 and F.A.C. Rule 17-2.100, shall be burned at any time at the RGS facility.

SPECIFIC CONDITIONS:

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.

Pollutant	Lbs/hr*	Tons/yr
PM/PM_{10}	12.6	55.2
SO_2	109.4	479.2
NO_x	94.5	413.9
CO	315.0	1,379.7
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. 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.

6. SNCR chemical injection into the boiler exhaust gases shall be provided by an automated control system as described in the application. Ammonia emissions shall be continuously monitored at a prevailing downwind location on the RGS property line by commercially available ambient monitoring equipment. The monitoring data shall be collected and reported for the entire operating period from the initial startup to the time that the emissions test program is completed. Permanent monitoring requirements will be determined by the Department based on the results of the emissions testing program.

7. Visible emissions from the RGS boiler stack, the ash handling area vent filter, and the lime silo vent filter shall not exceed 10 percent opacity.

8. In lieu of the usual compliance test requirement, the RGS facility shall, at least six months prior to initial startup of the RGS facility, propose for Department approval a comprehensive emissions testing program representative of the full range of facility operation as stated in the application. It will include continuous emission monitoring (CEM) stack data for SO_2, NO_x and

SPECIFIC CONDITIONS:

CO, and stack emission tests for each limited pollutant at 75 percent, and 100 percent of permitted capacity for wood and tires. The emissions testing program shall be completed and results submitted as required in Specific Condition No. 16 within fifteen months after the initial startup (first firing of wood, tires or landfill gas). The following EPA test methods or other methods approved by the Department shall be followed:

Pollutant	Test Method
VE	9
PM/PM_{10}	5 (front half only)
SO_2	6C
NO_x	7E
CO	10
VOC	25A
HCl	26
Hg	101A
Pb	12
Be	104

9. As part of the required emissions testing program, the permittee shall sample the RGS boiler stack for the following pollutants after proposing acceptable test methods to the Department's Bureau of Air Regulation in Tallahassee. The results of these additional tests shall be reported in lbs/hr and ug/m3 along with the emission testing program results: Ammonia, Arsenic, Cadmium, Chromium (total), Chromium VI, Zinc Oxide, Benzene, Sulfuric Acid, Polychlorinated Biphenyls (PCBs), Dioxins/Furans.

10. Continuous monitoring equipment shall be installed and operated to measure and record generator output, furnace temperature, stack opacity, and SO_2, NO_x and CO emissions. The tire feed rate in pounds per hour shall be monitored continuously by a commercially available weight detecting system with recording capability, or another method approved by the Department. The tire feed rate data shall be maintained and provided to the Department upon request.

11. Fugitive emissions from the RGS material receiving, processing, storage and transfer operations shall be determined according to EPA Method 22 over a 3-day period that is representative of typical operation. Results of the fugitive emissions survey shall be reported along with the results of the emissions testing program.

12. All reasonable precautions set forth in F.A.C. Rule 17-2.610(3), as well as all measures proposed by the permittee in

SPECIFIC CONDITIONS:

the application, shall be taken by the permittee to prevent fugitive emissions.

13. In the event of any malfunction resulting in failure of emission control equipment or any malfunction of process equipment resulting in emissions exceeding limits set forth in Specific Condition No. 5, the operator shall immediately stop the feeding of tires into the boiler and shall use propane firing, if necessary, to maintain a minimum of 1800 degrees F in the combustion zone until all tires in the system have been combusted. No tires may be refed into the boiler following the malfunction until the emission control equipment has been put into proper working order.

14. Whenever the baghouse bypass is activated during an on-line operating situation for any reason, the permittee shall, within 24 hours, provide the Department's Southwest District Office with a complete report of the circumstances and reasons for the occurrence, indicating the amounts of pollutants estimated to have been discharged during the bypass period.

15. No pollutants shall be discharged from the RGS facility which cause or contribute to an objectionable odor (F.A.C. Rule 17-2.620(2)).

16. Results of the emissions testing program and other required submittals shall be submitted to the Department's Southwest District office and the Department's Bureau of Air Regulation office in Tallahassee within fifteen months after initial startup of the RGS facility. Sampling facilities, methods, and reporting shall be in accordance with F.A.C. Rule 17-2.700 and 40 CFR 60, Appendix A. The Department's Southwest District office shall be notified at least 30 days prior to each emission test conducted in the testing program. Along with the submittal to the Department's Bureau of Air Regulation office, the permittee shall include a revised BACT application which proposes final emission limits and presents a detailed cost analysis for the control equipment selected.

17. Within 90 days of receipt of the revised BACT application and other required submittals, the Department's Bureau of Air Regulation in Tallahassee shall revise the BACT determination and permit limits and conditions as appropriate with the goal of allowing the RGS facility to be operated in an environmentally responsible manner. Revisions may include additional emission limits for other air pollutants as well as separate limits for specific operating conditions. Except for mercury abatement, the BACT control technology would not be revised in the Department's final BACT determination.

SPECIFIC CONDITIONS:

18. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation in Tallahassee prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090)

19. An application for an operation permit including an operation and maintenance plan must be submitted to the Department's Southwest District office at least 90 days prior to the expiration date of the revised construction permit. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rule 17-4.220).

Issued this 29th day
of September, 1992

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Carol M. Browner, Secretary
Department of Environmental
Regulation

Best Available Control Technology (BACT) Determination
Ridge Generating Station
Polk County

The applicant proposes to construct a 50 MW power generation facility to be named the Ridge Generating Station and located near Auburndale in Polk County, Florida. The facility will consist of a solid fuel boiler, steam turbine, generator and associated equipment. Fuel for the facility will consist of a mixture of waste wood, scrap tires, and landfill gas.

A BACT determination is required for all regulated air pollutants emitted in amounts equal to or greater than the significant emission rates listed in Table 500-2 of Florida Administrative Code (F.A.C.) Rule 17-2.500. Maximum annual emissions proposed by the applicant are tabulated below and in the Technical Evaluation and Preliminary Determination. Maximum allowable emissions as determined from the BACT determination are listed below in tons per year (based on burning 80% wood/20% tires):

	Maximum Allowable Emissions (tons per year)		
Pollutant	Proposed by RGS	Proposed by DER	PSD Level
PM/PM_{10}	55.2	55.2	25/10
SO_2	479.2	275.9*	40
NO_x	413.9	303.5*	40
CO	1,379.7	579.5*	100
VOC	96.8	96.8	40
HCL	22.1	22.1	-
Hg	0.097	0.097	0.1
Pb	1.1	1.1	0.6
Be	0.03	0.03	0.0004

*Limits not to be enforced until final determination based on emission testing program.

Date of Receipt of a Complete Application

April 6, 1992

BACT Determination Requested by Applicant

Control Technology: Spray Dryer-Absorber/Fabric Filter
Selective Noncatalytic Reduction (SNCR)
Combustion Efficiency

Emission Limits:

PM/PM_{10}	0.02 lb/MMBTU
SO_2	0.17 lb/MMBTU

NO_x	0.15 lb/MMBTU
CO	0.50 lb/MMBTU
VOC	0.035 lb/MMBTU
Pb	0.0004 lb/MMBTU
Be	0.00001 lb/MMBTU

BACT Determined by the Department

Control Technology: Spray Dryer-Absorber/Fabric Filter
Selective Noncatalytic Reduction (SNCR)
Combustion Efficiency

Emission Limits: lb/MMBtu

	Initial Maximum Limits*	Estimated Achievable Limit
PM/PM_{10}	0.02	-
SO_2	0.17	0.10
NO_x	0.15	0.11
CO	0.50	0.21
VOC	0.035	-
Pb	0.0004	-
Be	0.00001	-

*Initial limits to be revised as necessary following emission testing program.

BACT Determination Procedure

In accordance with F.A.C. Chapter 17-2, this BACT determination is based on the maximum degree of reduction of each pollutant emitted which the Department, on a case by case basis, taking into account energy, environmental and economic impacts, and other costs, determines is achievable through application of production processes and available control methods, systems and techniques. In addition, the regulations require that in making the BACT determination the Department shall give consideration to:

(a) Any Environmental Protection Agency determination of Best Available Control Technology pursuant to Section 169, and any emission limitation contained in 40 CFR Part 60 (Standards of Performance for New Stationary Sources) or 40 CFR Part 61 (National Emission Standards for Hazardous Air Pollutants).

(b) All scientific, engineering and technical material and other information available to the Department.

(c) The emission limiting standards or BACT determinations of any other State.

(d) The social and economic impact of the application of such technology.

The EPA currently stresses that BACT should be determined using the "top-down" approach. The first step in this approach is to determine for the emission source in question the most stringent control available for a similar or identical source or source category. If it is shown that this level of control is technically or economically infeasible for the source in question, then the next most stringent level of control is determined and similarly evaluated. This process continues until the BACT level under consideration cannot be eliminated by any substantial or unique technical, environmental, or economic objections.

BACT Determination Rationale

Irrespective of control technology economics, the Department believes that the applicant has selected the best control technology available based on a review of the literature and permit requirements for similar facilities. However, the applicant's final BACT proposal should include a detailed analysis of the economic justification for the control systems selected, since all of the economic data will be available by that time.

A review of EPA's BACT/LAER Clearinghouse indicates that there are no existing sources using the fuel mix proposed for the RGS facility. Since there are significant differences between existing wood/tire burning units and the proposed RGS facility, and since this facility is the first of its kind, the only reasonable approach would involve a two-step procedure for the BACT determination and permit; a preliminary followed by a final determination based on the results of the required emissions testing program. This two-step procedure will require that the applicant propose final enforceable BACT limits and permit conditions and that the Department issue a final BACT determination with permit revisions as indicated by the emissions testing results. Therefore, the Department has proposed enforceable initial emission limits and target emission limits for SO_2, NO_x and CO that are to be adjusted as necessary and made enforceable following completion of an emissions testing program. The target limits are based on the more stringent permit limits listed in the BACT/LAER Clearinghouse data.

Details of the Analysis May be Obtained by Contacting:

Preston Lewis, P.E., BACT Coordinator
Department of Environmental Regulation
Bureau of Air Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Recommended by:

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

September 24, 1992
Date

Approved by:

Carol M. Browner, Secretary
Dept. of Environmental Regulation

September 29 1992
Date

For Routing To Other Than The Addressee

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To: _____ Location: _____

From: _____ Date: _____

State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

Interoffice Memorandum

TO: Carol M. Browner

FROM: Howard L. Rhodes

DATE: September 23, 1992

SUBJ: Approval of Construction Permit AC53-206244 (PSD-FL-183)
Decker Energy Ridge, Inc.

Attached for your approval and signature is a construction permit for a power generation facility that will burn waste wood, scrap tires and landfill gas. The facility will be located near Auburndale in Polk County. This project will utilize the Best Available Control Technology (BACT) for controlling air emissions and is not expected to be controversial. Several tire burning plants have been operating for several years in other areas of the country. We believe that enough operating experience has been gained with these facilities for the Department to have reasonable assurance that this plant will meet the stringent limits required in this permit.

CHF/JR/plm

Attachments

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 Fee will provide you the signature of the person delivered to and the date of delivery.

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 to:

Mr. Macauley Whiting, Jr.
Decker Energy-Ridge, Inc.
P. O. Box 2397
Winter Park, FL 32790

4a. Article Number
P 062 922 004

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

7. Date of Delivery
10-2-92

5. Signature (Addressee)

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

6. Signature (Agent)
J. [illegible]

PS Form **3811**, November 1990 ☆U.S. GPO: 1991—287-066 **DOMESTIC RETURN RECEIPT**

P 062 922 004

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Special Delivery Fee	
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Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	Mailed: 9-29-92 Permit: AC 53-206244

PS Form **3800**, June 1991

RIDGE GENERATING STATION, L. P.

General Partners

DECKER ENERGY-RIDGE, INC. WHEELABRATOR POLK INC.

400 North New York Avenue, Suite 101
Winter Park, Florida 32789
Tel. 407-628-8900
Fax. 407-628-8535

RECEIVED

AUG 26 1992

Bureau of
Air Regulation

August 24, 1992

Florida Department of Environmental Regulation
Division of Air Resources Management
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Attention: Mr. Preston Lewis, P.E.
Bureau of Air Regulation

Re: Ridge Generating Station, Polk County
DER File No. AC 53-206244, PSD-FL-183

Dear Mr. Lewis:

On July 29, 1992, Ridge Generating Station Limited Partnership (RGSLP) received the Revised Technical Evaluation and Preliminary Determination and the proposed permit for the Ridge Generating Station. This letter summarizes our comments on these documents. We have arranged our comments in the order in which they appear in the document. In addition, we have also attached a marked-up version of the documents which clearly illustrates the revisions that we are requesting. The basis for the requested revisions is provided below.

1. Revised Technical Evaluation and Preliminary Determination, Page 3, Paragraph 1

   Requested Revisions
   The words "urea or" should be inserted between the words "injecting" and "ammonia" in the last line.

   Basis
   As discussed in the Application, either urea or ammonia will be used as a reagent in the SNCR system, depending upon which vendor is selected. Since a final decision on the SNCR vendor has not been made, it would be more accurate to list both options in the Technical Evaluation.

2. Proposed Permit, Page 6 of 9, Specific Condition 5

   a. Comment
      Based upon discussions between Steve Smallwood and John Reynolds, it is our understanding that the numbers in the column titled "Basis (lb/MMBTU)" are not permit limits that are to be used for determining compliance. The permit limits are those numbers that are found in

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Company: [illegible]
Department/Floor No.:
Street Address:
City:
State:
ZIP Required:

To (Recipient's Name) Please Print: MR. PRESTON LEWIS, P.E.
Recipient's Phone Number (Very Important): (904) 487-493[illegible]
Company: Florida Dept. of Env. Regulations
Division of Air Resources Management
Department/Floor No.:
Exact Street Address (We Cannot Deliver to P.O. Boxes or P.O. Zip Codes.): Twin Towers Office Building
2600 Blair Stone Road
City: Tallahassee,
State: FL
ZIP Required: 23299-2400

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5 [ ] Cash/Check

4 SERVICES (Check only one box)

Priority Overnight (Delivery by next business morning†)	Standard Overnight (Delivery by next business afternoon†)
11 [ ] YOUR PACKAGING	51 [ ] YOUR PACKAGING
16 [ ] FEDEX LETTER *	56 [ ] FEDEX LETTER *
12 [ ] FEDEX PAK *	52 [ ] FEDEX PAK *
13 [ ] FEDEX BOX	53 [ ] FEDEX BOX
14 [ ] FEDEX TUBE	54 [ ] FEDEX TUBE
Economy Two-Day (Delivery by second business day†)	**Government Overnight** (Restricted to authorized users only)
30 [ ] ECONOMY	46 [ ] GOVT LETTER
	41 [ ] GOVT PACKAGE

Freight Service (for Extra Large or any package over 150 lbs.)
70 [ ] OVERNIGHT FREIGHT ** (Contained reservation required)
80 [ ] TWO-DAY FREIGHT **
† Delivery commitment may be later in some areas
*Declared Value Limit $100
**Call for delivery schedule

5 DELIVERY AND SPECIAL HANDLING (Check services required)

1 [ ] HOLD FOR PICK-UP (Fill in Box H)
2 [X] DELIVER WEEKDAY
3 DELIVER SATURDAY (Extra charge) [ ] (Not available to all locations)
4 [ ] DANGEROUS GOODS (Extra charge)
5 [ ]
6 [ ] DRY ICE ___ Lbs
7 [ ] OTHER SPECIAL SERVICE
8 [ ]
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10 [ ]
11 [ ]
12 [ ] HOLIDAY DELIVERY (If offered) (Extra charge)

6 PACKAGES | WEIGHT In Pounds Only
Total | Total

DIM SHIPMENT (Chargeable Weight)
[ ] lbs
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2 [ ] Go Call Stop | 4 [ ] BSC
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Other 2
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the columns titled "Lbs/hr*" and "Tons/yr." If our understanding on this issue is incorrect, it is essential that the averaging period specified in specific Condition 5 also apply to the numbers in the "Lb/MMBTU" column. This could easily be accomplished by adding the asterisk to the title of that column as well.

b. Requested Revision

The titles of the last two columns should be revised to read "Limits (Lbs/hr)*" and "Limits (Tons/yr)".

Basis

This revision would avoid future potential confusion related to which values listed in the Condition are the "Limits" which shall not be exceeded versus those that are intended to be used simply as a "Basis" for calculation purposes.

c. Requested Revision

The word "test" in the last line of Specific Condition 5 should be deleted and replaced with the phrase "the emissions testing program."

Basis

This change would make it clear that future decisions related to revisions of the emissions limits and averaging periods would be based on the results of the comprehensive emissions testing program rather than some other unspecified test.

3. Proposed Permit, Page 6 of 9, Specific Condition 6

Comment

It was our understanding, based on our meeting of July 1, 1992, that it was not the intention of the Department to require ambient ammonia monitoring throughout the operational life of the facility. It was our understanding that ambient monitoring for ammonia would be required during an initial testing program and that a decision on the long term need for, and method of, future ammonia monitoring would be based upon the results of the Test Program.

Requested Revision

The last sentence of Specific Condition 6 should be deleted and replaced with the following sentence: "The results of the monitoring program shall be discussed in the Emissions Testing Program report. The need for and method of additional ammonia monitoring will be determined by the Department based on the results of the emissions testing program."

Basis

This revision would make it clear that a decision on the long term monitoring requirements will be based on the results of the test program. If those results indicate that long term monitoring is warranted, then it can be required. If, however, those results indicate that long term monitoring is not warranted, then it would not be prudent or justifiable to require it. It is clearly more appropriate to make a final decision based upon facility specific data.

As we have discussed, although we do not believe that ammonia emissions will be problematic at this facility, we are sensitive to the issues you have had to face with other types of facilities. Therefore, we are willing to install a monitor on a temporary basis, for the duration of the testing program. We do not believe, however, that it is appropriate to require the permanent installation and operation of an ammonia monitor at this facility when you consider the source of potential ammonia emissions and the proposed automated control system.

4. Proposed Permit, Page 6 of 9, Specific Condition 7

Requested Revision

The words "fly ash silo" should be deleted from the first line of the condition and replaced with the words "ash handling area."

Basis

As discussed on Pages 3-7 and 3-8 of the Application Report, two alternative methods of handling/storing combined ash were initially being considered. In our March 19, 1992 letter to C.E. Fancy, we indicated that the ash silo alternative had been replaced by an ash handling building containing "roll-on roll-off" containers. The requested

revision is proposed to avoid any confusion related to the ash handling area vent filter.

5. Proposed Permit, Page 7 of 9, Specific Condition 8

a. Requested Revision

Delete the requirement for stack emission tests at 50 percent.

Basis

We request that the requirement for testing at 50 percent be deleted because that load level will not constitute a normal operating condition. RGSLP will always attempt to maintain the facility at as close to full load as possible. There may be times such as with wet fuel, when the facility is operating at a boiler capacity in the range of 75 percent. However, the facility will not be operated continuously at a load as low as 50 percent because it would be uneconomical to operate at that level. Since a 50 percent load range will not be representative of facility operation, it is not appropriate to require stack emissions testing at that level. The Emissions Testing Program Report will include CEM data covering the transition periods of start-up and shut-down.

b. Requested Revision

Insert the following sentence in the fifth line on Page 7 following the word "startup" and preceding the next sentence beginning "The following EPA...": "The first firing of wood, tires or landfill gas will constitute initial startup."

Basis

The requested revision would clarify what we believe your intent to be with regard to initial startup.

6. Proposed Permit, Page 7 of 9, Specific Condition 9

Requested Revision

The words "initial compliance test" should be deleted from the sixth line and replaced with the words "emissions testing program."

Basis

This clarification is desirable to deal with emissions testing requirements in a consistent manner throughout the Permit.

7. Proposed Permit, Page 8 of 9, Specific Condition 16

Comment

We believe that the meaning of the phrase "revised BACT application" could be misconstrued and, therefore, the meaning should be clarified. Based on our discussions on this topic, it is our understanding that the Department agrees that the control systems proposed represent the best available control technology. The Department has proposed a two step process to establish the final emissions limits and averaging periods, with the final limits being established based on the results of the Emissions Testing Program. We believe that this is an excellent approach for this facility.

We also understand that the Department would like economic information related to the selected control systems and we are willing to provide that information to the Department. It is imperative, however, that the permit clearly indicates that the additional BACT related information is being submitted for the purpose of establishing final emissions limits and averaging periods and not for the purpose of re-evaluating the selected control systems. While we believe that the last statement on page 8 of 9 (Specific Condition 17) makes that point, we believe that potential future confusion should be avoided by making several additional clarifying revisions.

Requested Revision

The last four words in Specific Condition 16, "a revised BACT application," should be deleted and the following words should be inserted, "proposed final BACT emissions limits and averaging periods based on a statistical analysis of the emissions testing program data. Economic information shall also be submitted for the selected control equipment, as described in the attached BACT determination."

Basis

As discussed in the comment above, this revision would clarify the nature and intent of the required supplemental BACT information.

8. Proposed Permit, Page 8 of 9, Specific Condition 17

Requested Revision

The first sentence in the condition should be revised to read: "Within 90 days of receipt of the proposed revised BACT emissions limits and other..."

Basis

This will clarify the nature and intended use of the additional BACT related data to be submitted.

9. BACT Determination, Page 1 of 4, Maximum Allowable Emissions Table

Requested Revisions

The value for VOC's in the columns titled "Proposed by RGS" and "Proposed by DER" should be "96.8" rather than the value of "96.6" as currently shown. Similarly, the value for Hg in the same columns should be "0.097" rather than the "0.1" currently shown.

Basis

These revisions are required to be consistent with the Application, the Revised Technical Evaluation and Preliminary Determination, and the proposed permit.

10. BACT Determination, Page 3 of 4

Requested Revisions

The following changes should be made in the section entitled "BACT Determination Rationale." The first phrase on line one, "Irrespective of control technology economics," should be deleted. The second sentence of the first paragraph, beginning with the word "However" and ending with the word "time" should be deleted. The second paragraph should be merged with the revised first paragraph and the following should be added as a new paragraph:

> "The permit also requires the permittee to submit economic information related to the selected control equipment. This submittal shall include information on the total installed capital cost of each system (consisting of total direct costs and total indirect costs) and the total annual cost of each system

(consisting of direct costs, indirect costs, and recovery credits if any). The total annual costs will be used to estimate a cost effectiveness for the installed control systems in terms of dollars per ton of pollutant removed."

Basis

Similar to the explanation for the requested revision of Specific Condition No. 16, we are requesting this revision to more clearly define the purpose and content of the supplemental BACT related information to be submitted.

We appreciate the time and thought that have gone into the Department's consideration of the Ridge Generating Station permit application to date and would appreciate your further consideration of the comments in this letter. We believe that the requested revisions are minor in nature but are important clarifications that will avoid future potential confusion related to the permit.

Again, we appreciate the efforts of you and your staff and we would be happy to discuss any of the proposed revisions with you.

Sincerely,

MPKilleen

Matthew P. Killeen
Senior Environmental Engineer

MPK141:ga

Attachment

cc: J. Reynolds (FDER)
S. Smallwood (D&M)
R. Stone
M. Whiting
B. Thomas, SW Dist
C. Holladay
Q. Harper, EPA
C. Shaver, NPS
8-27-92 PA

ATTACHMENT A

PROPOSED REVISIONS

MARKED-UP COPY

UREA OR

reduction (SNCR) which reduces NO_x to elemental nitrogen by injecting ammonia into the boiler furnace.

Since the hours of operation under each of the three scenarios are unknown, and since other fuel mix percentages will also occur, projections of maximum proposed annual emissions would have to be based on the maximums for these anticipated fuel mix cases. The applicant's estimated actual emissions for three anticipated fuel mix scenarios (based on heat input percentages using the applicant's proposed emission limits) are tabulated below.

	100% Wood		80% Wood 20% Tires		75% Wood/15% Tires 10% Landfill Gas		PSD Level
	lbs/hr	tons/yr	lbs/hr	tons/yr	lbs/hr	tons/yr	tons/yr
PM/PM_{10}	12.6	55.2	12.6	55.2	12.6	55.2	25/10
SO_2	69.4	304.0	109.4	479.2	92.5	405.2	40
NO_x	94.5	413.9	94.5	413.9	94.5	413.9	40
CO	315.0	1,379.7	315.0	1,379.7	315.0	1,379.7	100
VOC	22.1	96.8	22.1	96.8	22.1	96.8	40
NH3	17.8	78.0	17.8	78.0	17.8	78.0	-
C6H6	5.0	21.9	5.0	21.9	5.0	21.9	-
HCHO	1.7	7.5	1.7	7.5	1.7	7.5	-
HCL	5.0	22.1	5.0	22.1	5.0	22.1	-
Pb	0.25	1.1	0.25	1.1	0.25	1.1	0.6
Zn	0.63	2.8	0.63	2.8	0.63	2.8	-
Hg	0.02	0.097	0.02	0.097	0.02	0.097	0.1
Be	.0063	0.03	.0063	0.03	.0063	0.03	.0004

III. Rule Applicability

The construction permit application is subject to review under Chapter 403, Florida Statutes, and Florida Administrative Code (F.A.C.) Chapters 17-2 and 17-4. The proposed facility is subject to the provisions of F.A.C. Rule 17-2.500, Prevention of Significant Deterioration (PSD). The facility is located in an area classified as attainment for all regulated air pollutants. Proposed emissions of PM/PM_{10}, SO_2, NO_x, CO, VOC, Pb, and Be equal or exceed the significant levels set forth in Table 500-2 of F.A.C. Rule 17-2.500. Preconstruction review must include a determination of Best Available Control Technology (BACT), good-engineering practice stack height, ambient impact analysis, impact on soils, vegetation and visibility. Applicable emission limit rules are F.A.C. Rules 17-2.660, Table 660-1, Section 60.40b, Subpart Db, 60.43b (c)(1), (f) and (g), 60.44b (d), Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units. For the ash handling system and lime silo, applicable rules are F.A.C. Rules 17-2.610(2) and (3). The above rules would dictate limits except that BACT limits are more stringent and therefore apply.

SPECIFIC CONDITIONS:

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.

Pollutant	Basis(lb/MMBTU)	LIMITS (Lbs/hr*)	LIMITS (Tons/yr)
PM/PM_{10}	0.02	12.6	55.2
SO2	0.17	109.4	479.2
NOx	0.15	94.5	413.9
CO	0.50	315.0	1,379.7
VOC	0.035	22.1	96.8
HCL	0.008	5.0	22.1
Hg	0.000035	0.022	0.097
Pb	0.0004	0.25	1.1
Be	0.00001	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 ~~test~~ THE EMISSIONS TESTING PROGRAM data.

6. SNCR chemical injection into the boiler exhaust gases shall be provided by an automated control system as described in the application. Ammonia emissions shall be continuously monitored at a prevailing downwind location on the RGS property line by commercially available ambient monitoring equipment. The monitoring data shall be collected and reported for the entire operating period from the initial startup to the time that the emissions test program is completed. ~~Thereafter, the monitoring data shall be collected and stored and made available to the Department upon request.~~

7. Visible emissions from the RGS boiler stack, the ~~fly~~ ash HANDLING AREA ~~silo~~ vent filter, and the lime silo vent filter shall not exceed 10 percent opacity.

8. In lieu of the usual compliance test requirement, the RGS facility shall, at least six months prior to initial startup of the RGS facility, propose for Department approval a comprehensive emissions testing program representative of the full range of facility operation as stated in the application. It will include continuous emission monitoring (CEM) stack data for SO_2, NO_x and

THE RESULTS OF THE MONITORING PROGRAM SHALL BE DISCUSSED IN THE EMISSIONS TESTING PROGRAM REPORT. THE NEED FOR AND METHOD OF ADDITIONAL AMMONIA MONITORING WILL BE DETERMINED BY THE DEPARTMENT BASED ON THE RESULTS OF THE EMISSIONS TESTING PROGRAM.

SPECIFIC CONDITIONS:

THE FIRST FIRING OF WOOD, TIRES OR LANDFILL GAS WILL CONSTITUTE INITAL STARTUP.

CO, and stack emission tests for each limited pollutant at ~~50 percent,~~ 75 percent, and 100 percent of permitted capacity for wood and tires. The emissions testing program shall be completed and results submitted as required in Specific Condition No. 16 within fifteen months after the initial startup. The following EPA test methods or other methods approved by the Department shall be followed:

Pollutant	Test Method
VE	9
PM/PM_{10}	5 (front half only)
SO_2	6C
NO_x	7E
CO	10
VOC	25A
HCl	26
Hg	101A
Pb	12
Be	104

EMISSIONS TESTING PROGRAM

9. As part of the required emissions testing program, the permittee shall sample the RGS boiler stack for the following pollutants after proposing acceptable test methods to the Department's Bureau of Air Regulation in Tallahassee. The results of these additional tests shall be reported in lbs/hr and ug/m3 along with the ~~initial compliance test~~ results: Ammonia, Arsenic, Cadmium, Chromium (total), Chromium VI, Zinc Oxide, Benzene, Sulfuric Acid, Polychlorinated Biphenyls (PCBs), Dioxins/Furans.

10. Continuous monitoring equipment shall be installed and operated to measure and record generator output, furnace temperature, stack opacity, and SO_2, NO_x and CO emissions. The tire feed rate in pounds per hour shall be monitored continuously by a commercially available weight detecting system with recording capability, or another method approved by the Department. The tire feed rate data shall be maintained and provided to the Department upon request.

11. Fugitive emissions from the RGS material receiving, processing, storage and transfer operations shall be determined according to EPA Method 22 over a 3-day period that is representative of typical operation. Results of the fugitive emissions survey shall be reported along with the results of the emissions testing program.

12. All reasonable precautions set forth in F.A.C. Rule 17-2.610(3), as well as all measures proposed by the permittee in

SPECIFIC CONDITIONS:

the application, shall be taken by the permittee to prevent fugitive emissions.

13. In the event of any malfunction resulting in failure of emission control equipment or any malfunction of process equipment resulting in emissions exceeding limits set forth in Specific Condition No. 5, the operator shall immediately stop the feeding of tires into the boiler and shall use propane firing, if necessary, to maintain a minimum of 1800 degrees F in the combustion zone until all tires in the system have been combusted. No tires may be refed into the boiler following the malfunction until the emission control equipment has been put into proper working order.

14. Whenever the baghouse bypass is activated during an on-line operating situation for any reason, the permittee shall, within 24 hours, provide the Department's Southwest District Office with a complete report of the circumstances and reasons for the occurrence, indicating the amounts of pollutants estimated to have been discharged during the bypass period.

15. No pollutants shall be discharged from the RGS facility which cause or contribute to an objectionable odor (F.A.C. Rule 17-2.620(2)).

16. Results of the emissions testing program and other required submittals shall be submitted to the Department's Southwest District office and the Department's Bureau of Air Regulation office in Tallahassee within fifteen months after initial startup of the RGS facility. Sampling facilities, methods, and reporting shall be in accordance with F.A.C. Rule 17-2.700 and 40 CFR 60, Appendix A. The Department's Southwest District office shall be notified at least 30 days prior to each emission test conducted in the testing program. Along with the submittal to the Department's Bureau of Air Regulation office, the permittee shall include ~~a revised BACT application~~ PROPOSED FINAL BACT EMISSIONS LIMITS AND AVERAGING PERIODS BASED ON A STATISTICAL ANALYSIS OF THE EMISSIONS TESTING PROGRAM DATA.

17. Within 90 days of receipt of the ~~revised BACT application~~ and other required submittals, the Department's Bureau of Air Regulation in Tallahassee shall revise the BACT determination and permit limits and conditions as appropriate with the goal of allowing the RGS facility to be operated in an environmentally responsible manner. Revisions may include additional emission limits for other air pollutants as well as separate limits for specific operating conditions. Except for mercury abatement, the BACT control technology would not be revised in the Department's final BACT determination.

ECONOMIC INFORMATION SHALL ALSO BE SUBMITTED FOR THE SELECTED CONTROL EQUIPMENT, AS DISCUSSED IN THE ATTACHED BACT DETERMINATION.

PROPOSED REVISED BACT EMISSIONS LIMITS

Best Available Control Technology (BACT) Determination
Ridge Generating Station
Polk County

The applicant proposes to construct a 50 MW power generation facility to be named the Ridge Generating Station and located near Auburndale in Polk County, Florida. The facility will consist of a solid fuel boiler, steam turbine, generator and associated equipment. Fuel for the facility will consist of a mixture of waste wood, scrap tires, and landfill gas.

A BACT determination is required for all regulated air pollutants emitted in amounts equal to or greater than the significant emission rates listed in Table 500-2 of Florida Administrative Code (F.A.C.) Rule 17-2.500. Maximum annual emissions proposed by the applicant are tabulated below and in the Technical Evaluation and Preliminary Determination. Maximum allowable emissions as determined from the BACT determination are listed below in tons per year (based on burning 80% wood/20% tires):

	Maximum Allowable Emissions (tons per year)		
Pollutant	Proposed by RGS	Proposed by DER	PSD Level
PM/PM_{10}	55.2	55.2	25/10
SO_2	479.2	275.9*	40
NO_x	413.9	303.5*	40
CO	1,379.7	579.5*	100
VOC	96.88	96.88	40
HCL	22.1	22.1	-
Hg	~~0.1~~ 0.097	~~0.1~~ 0.097	0.1
Pb	1.1	1.1	0.6
Be	0.03	0.03	0.0004

*Limits not to be enforced until final determination based on emission testing program.

Date of Receipt of a Complete Application

April 6, 1992

BACT Determination Requested by Applicant

Control Technology: Spray Dryer-Absorber/Fabric Filter
Selective Noncatalytic Reduction (SNCR)
Combustion Efficiency

Emission Limits:

PM/PM_{10}	0.02 lb/MMBTU
SO_2	0.17 lb/MMBTU

(d) The social and economic impact of the application of such technology.

The EPA currently stresses that BACT should be determined using the "top-down" approach. The first step in this approach is to determine for the emission source in question the most stringent control available for a similar or identical source or source category. If it is shown that this level of control is technically or economically infeasible for the source in question, then the next most stringent level of control is determined and similarly evaluated. This process continues until the BACT level under consideration cannot be eliminated by any substantial or unique technical, environmental, or economic objections.

BACT Determination Rationale

~~Irrespective of control technology economics,~~ The Department believes that the applicant has selected the best control technology available based on a review of the literature and permit requirements for similar facilities. However, the applicant's final BACT proposal should include a detailed analysis of the economic justification for the control systems selected, since all of the economic data will be available by that time.

A review of EPA's BACT/LAER Clearinghouse indicates that there are no existing sources using the fuel mix proposed for the RGS facility. Since there are significant differences between existing wood/tire burning units and the proposed RGS facility, and since this facility is the first of its kind, the only reasonable approach would involve a two-step procedure for the BACT determination and permit; a preliminary followed by a final determination based on the results of the required emissions testing program. This two-step procedure will require that the applicant propose final enforceable BACT limits and permit conditions and that the Department issue a final BACT determination with permit revisions as indicated by the emissions testing results. Therefore, the Department has proposed enforceable initial emission limits and target emission limits for SO_2, NO_x and CO that are to be adjusted as necessary and made enforceable following completion of an emissions testing program. The target limits are based on the more stringent permit limits listed in the BACT/LAER Clearinghouse data.

Details of the Analysis May be Obtained by Contacting:

Preston Lewis, P.E., BACT Coordinator
Department of Environmental Regulation
Bureau of Air Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

INSERT "A" (ATTACHED)

INSERT A

The permit also requires the permittee to submit economic information related to the selected control equipment. This submittal shall include information on the total installed capital cost of each system (consisting of total direct costs and total indirect costs) and the total annual cost of each system (consisting of direct costs, indirect costs, and recovery credits if any). The total annual costs will be used to estimate a cost effectiveness for the installed control systems in terms of dollars per ton of pollutant removed.

Z 333 618 093

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail *(See reverse)*

Sent to: George Woodward	
Street & Number: Wheelabrator Ridge	
Post Office, State, & ZIP Code: Auburndale, Fl	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date: 4-6-99	

PS Form **3800**, April 1995

PSD-FL-183A

Fold at line over top of envelope to the right of the return address

SENDER

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- 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 to:
Mr. George Woodward, Plant Mgr
Wheelabrator Ridge Energy
3131 K-ville Avenue
Auburndale, Fl 33823

4a. Article Number: Z 333 618 093

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

7. Date of Delivery: APR 7 1999

5. Received By: *(Print Name)*

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

6. Signature: *(Addressee or Agent)*
X L. Colon

AUBURNDALE FL

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

● Print your name, address, and ZIP Code in this box ●

Department of Environmental Protcction
Division of Air Rcsources Management
Bureau of Air Regulation, NSRS
2600 Blair Stone Road, MS 5505
Tallahassee, Florida 32399-2400

P 265 659 429

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to George Woodward	
Street & Number Wheelabrator Ridge	
Post Office, State, & ZIP Code Auburndale FL	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 3-3-99	

PS Form **3800**, April 1995

AC53-206244
DSD-FI-183A

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- 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 to:
George D. Woodward
Wheelabrator Ridge E.
3131 K-Ville Ave
Auburndale, FL
33823

4a. Article Number P 265 659 429

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

7. Date of Delivery 3-8-99

5. Received By: *(Print Name)*

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

6. Signature: *(Addressee or Agent)*
X L Colon

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

PS Form **3811**, December 1994 102595-97-B-0179 Domestic Return Receipt

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Print your name, address, and ZIP Code in this box •

RECEIVED
MAR 11 1999
BUREAU OF
AIR REGULATION

Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation, NSRS
2600 Blair Stone Road, MS 5505
Tallahassee, Florida 32399-2400

Z 333 618 190

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to George Woodward	
Street & Number Wheelabrator RE.	
Post Office, State, & ZIP Code Auburndale FL	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 6-30-99 PSO-FL-183A	

PS Form **3800**, April 1995

Is your RETURN ADDRESS completed on the reverse side?

SENDER:
- Complete items 1, 2, and 3. Add 4a and 4b for additional services.
- Complete items 3, 4a, and 4b.
- 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 to:
George D. Woodward, PE
Wheelabrator Ridge
3131 K-Ville Ave
Auburndale, FL
33823

4a. Article Number
Z 333 618 190

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

7. Date of Delivery
7-7-99

5. Received By: *(Print Name)*

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

6. Signature: (Addressee or Agent)

PS Form 3811, December 1994 Domestic Return Receipt

Thank you for using Return Receipt Service

UNITED STATES POSTAL SERVICE

First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Print your name, address, and ZIP Code in this box •

Department of Environmental Protection
Division of Air Resources Management
Bureau of Air Regulation, NSRS
2600 Blair Stone Road, MS 5505
Tallahassee, Florida 32399-2400

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- 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 to:
Mr. John Neil, Director of Health & Safety & Env. Comp.
Wheelabrator Ridge Energy
3131 K-Ville Ave
Auburndale, Al 33823

4a. Article Number
P 265 659 312

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

7. Date of Delivery
03-18-98

5. Received By: *(Print Name)*

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

6. Signature: *(Addressee or Agent)*
X L. Colon

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

PS Form **3811**, December 1994 Domestic Return Receipt

P 265 659 312

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to John Neil	
Street & Number Wheelabrator	
Post Office, State, & ZIP Code Ridge Energy Auburndale, AL	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date PSD-FI-183 3-12-98	

PS Form **3800**, April 1995

Wheelabrator Ridge Energ

CERTIFIED

P 013 080 037

MAIL

AUBURNDALE FL 33823 APR 20 95

U.S.POSTAGE 2.52

POSTALIA METER 952841

8140

Department of Environmental Protection
Chief Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Attn: Mr. Clair Fancy, P.E.

32399-2400

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, and 4b.
- 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 to:
Mr. George Woodward, PM
Wheelabrator Ridge Energy
3131 - K-Ville Ave
Auburndale, Fl
33823

4a. Article Number
P 265 659 170

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

7. Date of Delivery

5. Received By: *(Print Name)*

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

6. Signature: *(Addressee or Agent)*
X

PS Form **3811**, December 1994 Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 265 659 170

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: George Woodward	
Street & Number: Wheelabrator	
Post Office, State, & ZIP Code: Auburndale Fl	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date: PSD-Fl-183 2-14-97	

PS Form **3800**, April 1995

Fold at line over top of envelope to

SENDER:
- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- 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 to:
George D. Woodward, PM
Wheelabrator Ridge Energy
3131 K-Ville Ave
Auburndale, Fl
33823

4a. Article Number
P 265 659 143

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

7. Date of Delivery

5. Received By: *(Print Name)*

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

6. Signature: *(Addressee or Agent)*
X Linda Colon

PS Form **3811**, December 1994 Domestic Return Receipt

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 265 659 143

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to G. Woodward	
Street & Number Wheelabrator Ridge	
Post Office, State, & ZIP Code Auburndale, Fl	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 1-9-97 PSD-Fl-183	

PS Form **3800**, April 1995

Wheelabrator Ridge Energy Inc.

A Wheelabrator Technologies Company
3131 K-Ville Avenue
Auburndale, FL 33823

Phone 941.665.2255
Fax 941.665.0400

November 13, 1996

Mr. A. A. Linero
Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Permit Number AC53-206244 PSD-FL-183(A)
Proof of Publication

Dear Mr. Linero:

As required by your letter of October 8, 1996, the Facility has published the Department's "Notice of Intent to Issue Permit". The Notice was published in the Lakeland Ledger on Wednesday, November 13, 1996. Enclosed is a copy of the Notice, which serves as proof of publication. We will forward the original Affidavit of Publication when it is received from the Ledger.

If there are any questions or concerns regarding this submittal, please contact Chuck Davis at (941) 665-2255 (Ext. 250).

Sincerely,

George D. Woodward
Plant Manager

Attachment

Certification # P 597 437 551

cc: M. Killeen
F. Ferraro
S. King
T. Porter
W. Ferguson
Ridge File 6.2.1

cc: G. Reynolds, BAR
R. Harwood, Polk Co
EPA
NPS

PUBLIC NOTICE OF INTENT TO ISSUE AMENDED AIR CONSTRUCTION PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Amended Permit No.: AC53-206244,
(PSD-FL-183)
Ridge Generating Station
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an amended air construction permit to Wheelabrator Ridge Energy, Inc. for the Ridge Generating Station located at 3131 K-Ville Avenue, Auburndale, Polk County. A Best Achievable Control Technology (BACT) determination was required. The applicant's name and address are: Wheelabrator Ridge Energy Inc., 3131 K-Ville Avenue, Auburndale, Florida 33823.

This company applied on April 6, 1992, to construct a wood and tire-fired power generation facility. The original construction permit was issued on September 29, 1992, and amended on August 8, 1995, allowing an increase in the tire firing rate from 20% to 40% of total heat input. Sulfur dioxide, hydrogen chloride and particulate emissions from this facility are controlled by a spray dryer and fabric filter system. Nitrogen oxide emissions are controlled by selective non-catalytic reduction. Efficient combustion is employed to minimize carbon monoxide emissions. An emissions testing program was required by the original permit so the final emission limits could be established. Whereas the final emission limits are more stringent than the interim emission limits, this final permit will not result in any increase in air pollution from this facility.

The Department will issue the FINAL Amended Permit, in accordance with the conditions of the enclosed DRAFT Amended Permit unless a response received in accordance with the following procedures results in a different decision or significant change in terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Amended Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Amended Permit, the Department shall issue a Revised DRAFT Amended Permit and require, if applicable, another Public Notice.

The Department will issue FINAL Amended Permit with the attached conditions of the enclosed DRAFT Amended Permit unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S. or a party requests mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediation.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the 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, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 904/488-9370, fax: 904/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A person whose substantial interests are affected by the Department's proposed permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information: (a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any; (b) A statement of the preliminary agency action; (c) A statement of the relief sought; and (d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following: (a) The names, addresses, and telephone numbers of any persons who may attend the mediation; (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time; (c) The agreed allocation of the costs and fees associated with the mediation; (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation; (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen) (f) The name of each party's representative who shall have authority to settle or recommend settlement; and (g) The signatures of all parties or their authorized representatives.

As provided in section 120.573 F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

A complete project file 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 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 904/488-1344
Fax: 904/922-6979

Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100
Fax: 813/744-6084

The complete project file includes the Draft Amended Permit, the revised BACT Determination, the original permit, and the Information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Source Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 904/488-1344, for additional information.

R-713 - 11-13; 1996

Fold at line over top of envelope to

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 to:
Matthew P. Killeen
Wheelabrator Env. Systems
Liberty Lane
Hampton, New Hampshire
03842

4a. Article Number
P 339 251 137

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

7. Date of Delivery
AUG 13 1996

5. Signature (Addressee)

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

6. Signature (Agent)

PS Form **3811**, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 339 251 137

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to: Matt Killeen	
Street & Number: Wheelabrator	
Post Office, State, & ZIP Code: Hampton, NH	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 8-9-96	

PS Form **3800**, April 1995

PSD-FI-231

Is your RETURN ADDRESS completed on the reverse side?

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 to:
George Woodward, PM
Wheelabrator Ridge Energy
3131 K-ville Ave
Auburndale, FL
33823

4a. Article Number
P 339 251 162

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

7. Date of Delivery
10-16-96

5. Signature (Addressee)

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

6. Signature (Agent)
Linda K. Colon

PS Form **3811**, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

P 339 251 162

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to
George Woodward
Street & Number
Wheelabrator Ridge
Post Office, State, & ZIP Code
Auburndale, FL

Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$

Postmark or Date
AC 53-206244 10-10-96
PSD-FL-183

PS Form **3800**, April 1995

Fold at line over top of e...

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 to:
Rodney Williams, Plant Mgr
Wheelabrator Ridge Energy
3131 K-Ville Avenue
Auburndale, Fl 33823

4a. Article Number
P 339 251 055

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

7. Date of Delivery
06/11/96

5. Signature (Addressee)
X

6. Signature (Agent)
X Colon

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

PS Form **3811**, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

P 339 251 055

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to Rodney Williams	
Street & Number Wheelabrator Ridge	
Post Office, State, & ZIP Code Auburndale, Fl	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date 6-5-96	
PSD-Fl-183	

PS Form **3800**, April 1995

Fold at line over top of envelope to the

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 to:
Rodney Williams
Wheelabrator Ridge E.
3131 K-Ville Ave
Auburndale, Fl
33823

4a. Article Number
Z 127 633 156

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

7. Date of Delivery
FEB 2 1996

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

5. Signature (Addressee)

6. Signature (Agent)
X

AUBURNDALE FL 33823 USPS

PS Form **3811**, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side?

Thank you for using Return Receipt Service.

Z 127 633 156

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

UNITED STATES POSTAL SERVICE

Sent to: Rodney Williams	
Street and No.: Wheelabrator Ridge E.	
P.O., State and ZIP Code: Auburndale, Fl 33823	
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 1-29-96	

AC 53-206244
PSD-FL-183

PS Form **3800**, March 1993

Is your RETURN ADDRESS completed on the reverse side?

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 to:

Rodney Williams Plant Mgr.
Wheelabrator Ridge Energy
3131 K-Ville Ave
Auburndale, Fl 33823

4a. Article Number

Z 127 633 220

4b. Service Type

☐ Registered ☐ Insured
☒ Certified ☐ COD
☐ Express Mail ☐ Return Receipt for Merchandise

7. Date of Delivery

5. Signature (Addressee)

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

6. Signature (Agent)

USPS 1995 AUBURN FL 33823

PS Form **3811**, December 1991 ☆U.S. GPO: 1993—352-714 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

Z 127 633 220

Receipt for Certified Mail

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

UNITED STATES POSTAL SERVICE

Sent to: Rodney Williams	
Street and No.: Wheelabrator RE	
P.O., State and ZIP Code: Auburndale 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	Revised 12-14-95 BACT PSD-FL-183

PS Form **3800**, March 1993

No green card received

Z 392 979 012

Receipt for Certified Mail

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

PS Form 3800, March 1993

Sent to Mr. Rodney Williams	
Street and No. 3131 K-Ville Avenue	
P.O., State and ZIP Code Auburndale, FL 33823	
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 5 July 1995 AC53-206244 PSD-FL-183 Permit Draft Amendment	

Is your RETURN ADDRESS completed on the reverse side?

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 to:
Rodney Williams, Plant Mgr.
Wheelabrator Ridge Energy
3131 K-Ville Ave
Auburndale, Fl 33823

4a. Article Number
P 872 563 675

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

7. Date of Delivery

5. Signature (Addressee)

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

6. Signature (Agent)
Linda K. Colon

AUBURNDALE, FL MAR 14 1995

PS Form **3811**, December 1991 ☆U.S. GPO: 1992—323-402 **DOMESTIC RETURN RECEIPT**

Thank you for using Return Receipt Service.

P 872 563 675

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

UNITED STATES POSTAL SERVICE

Sent to Rodney Williams	
Street and No. Wheelabrator Ridge	
P.O., State and ZIP Code Auburndale 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 proceed w/ testing 3-8-95	

PS Form **3800**, JUNE 1991

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 to:
Rodney Williams, Plant Mgr.
Wheelabrator Ridge Energy
3131 K-Ville Ave
Auburndale, Fl 33823

4a. Article Number
P 872 563 605

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

7. Date of Delivery
2/10/95

5. Signature (Addressee)

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

6. Signature (Agent)
Linda Colon

PS Form **3811**, December 1991 ☆U.S. GPO: 1992—323-402 **DOMESTIC RETURN RECEIPT**

Is your RETURN ADDRESS completed on the reverse side

Thank you for using Return Receipt Service.

P 872 563 605

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

UNITED STATES POSTAL SERVICE

Sent to: Rodney Williams	
Street and No. Wheelabrator Ridge En.	
P.O., State and ZIP Code Auburndale, 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 2-7-95 Special Testing	

PS Form **3800**, JUNE 1991

Wheelabrator Ridge Energy Inc.

3131 K-Ville Avenue
Auburndale, FL 33823
Tel. 813-665-2255
Fax. 813-665-0400

February 11, 1995

Mr. Clair Fancy, P.E.
Chief, Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Re: Ridge Generating Station
Permit Number AC53-206244 PSD-FL-183
Proof of Publication

Dear Mr. Fancy:

As required by your letter of February 9, 1995, the Facility has published the Department's "Notice of Intent to Allow Special Testing" scheduled to commence on or about March 1, 1995. The Notice was published in the Lakeland Ledger on Saturday, February 11, 1995. Enclosed is a copy of the notice, which serves as proof of publication.

We look forward to receiving your final authorization to proceed with testing following the 14-day period, which will end on February 25, 1995. If there are any questions or concerns regarding this submittal, please contact Gary Aguinaga at (813) 665-2255.

Sincerely,

Joseph Rogers
for

Rodney Williams
Plant Manager

/lc

Attachment

cc: G. Aguinaga
M. Harley (DEP)
M. Killeen
F. Ferraro
W. Ferguson
S. Smallwood (D & M)
J. Rogers
J. Reynolds
B. Thomas, SWD
J. Harper, EPA
J. Novak, Polk Co.

AFFIDAVIT OF PUBLICATION

THE LEDGER
Lakeland, Polk County, Florida

Case No .....

STATE OF FLORIDA)
COUNTY OF POLK)

Before the undersigned authority personally appeared Robert Lee, who on oath says that he is Classified Manager of The Ledger, a daily newspaper published in Polk County, Florida; that the attached copy of advertisement, being a

...Notice of Intent.....

.....

in the matter of .....

...PSD-FL-183(A).....

.....

in the .....

.....

Court, was published in said newspaper in the issues of .....
July 22;
.....
1995
.....

Affiant further says that said The Ledger is a newspaper published at Lakeland, in said Polk County, Florida, and that the said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered as second class matter at the post office in Lakeland, in said Polk County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Signed .....
Classified Advertising Manager

by Robert E. Lee who is personally known to me

Sworn to and subscribed before me this 22nd

day of July A.D. 19 95

(Seal) Barbara Thigpen
Notary Public

My Commission Expires BARBARA THIGPEN

Wheelabrator Ridge

NOTARY PUBLIC STATE OF FLORIDA
OFFICIAL NOTARY SEAL
BARBARA THIGPEN
COMMISSION NUMBER
CC427638
MY COMMISSION EXP.
DEC. 19,1998

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE
PERMIT AMENDMENT
PSD-FL-183(A)
AC53-206244

The Department of Environmental Protection (Department) gives notice of its intent to issue a permit amendment to Wheelabrator Ridge Energy, Inc., 3131 K-Ville Avenue, Auburndale, Florida 33823. This recently constructed and permitted facility consists of a stoke boiler which combusts waste wood, landfill gas, and up to 9 percent tires (by weight) while generating up to 50 megawatts of electric power. The amendment will allow the facility to burn up to 16.9 percent tires (40 percent of heat input). Emissions of acid gasses, metals, and particulate matter are controlled by a lime spray dryer/fabric filter and a selective non-catalytic reduction unit. Recent testing showed that emissions when burning 16.9 percent tires will be within the present permit limits. Additionally the applicant has agreed to reduce its interim sulfur dioxide emission limit from 109.4 pounds per hour to 72 pounds per hour.

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 warrants 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
Central District
Suits 200B
7825 Baymeadows Way
Jacksonville, Florida 32256-7577

Any person may send written comments on the proposed action to Administrator, New Source Review Section at the Department of Environmental Protection, Bureau of Air Regulations. Mail Station 5505, 3600 Blair Stone Road, Tallahassee, Florida 32399-2400. All comments received within 14 days of the publication of this notice will be considered in the Department's final determination.
F93-7-22; 1995

F 93

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ALLOW SPECIAL TESTING
Polk County

The Department of Environmental Protection gives notice of its intent to allow special testing at the Wheelabrator Ridge Energy, Inc., facility located off State Road 542 and Taylor Road near Auburndale, Polk County, Florida. The special testing is scheduled to commence on or about March 1, 1995, and April 1, 1995 and should last approximately 10 days each time. The facility proposes to increase the percentage of tires burned from the currently permitted 20% tires/80% wood, to 40% tires/60% wood for the duration of these special testing periods. This change is not expected to result in any additional impact to the environment.

A person whose substantial interests ore affected by the Department's proposed action 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 at the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within 14 days of publication of this notice. Peititianer 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 o 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, (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 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.

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

K524 - 2-11; 1995

AFFIDAVIT OF PUBLICATION

THE LEDGER
Lakeland, Polk County, Florida

Case No .....

STATE OF FLORIDA)
COUNTY OF POLK)

Before the undersigned authority personally appeared Nelson Kirkland, who on oath says that he is Classified Advertising Manager of The Ledger, a daily newspaper published at Lakeland in Polk County, Florida; that the attached copy of advertisement, being a

Public Notice Of Intent

in the matter of .....

Amended Air Conditioning Permit

in the .....

Court, was published in said newspaper in the issues of .....

November 13;

1996

Affiant further says that said The Ledger is a newspaper published at Lakeland, in said Polk County, Florida, and that the said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered as second class matter at the post office in Lakeland, in said Polk County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Signed .....
Nelson Kirkland
Classified Advertising Manager
By Nelson Kirkland who is personally known to me

Sworn to and subscribed before me this 13th day of November A.D. 19 96

(Seal)
Notary Public

DONALD RAY JENKINS
MY COMMISSION # CC 586345
EXPIRES: September 18, 2000
Bonded Thru Notary Public Underwriters

My Commission Expires .....

Order#602824
Wheelabrator

R713

PUBLIC NOTICE OF INTENT TO ISSUE AMENDED AIR CONSTRUCTION PERMIT
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Amended Permit No.: AC53-206244,
(PSD-FL-183)
Ridge Generating Station
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an amended air construction permit to Wheelabrator Ridge Energy, Inc. for the Ridge Generating Station located at 3131 K-Ville Avenue, Auburndale, Polk County. A Best Achievable Control Technology (BACT) determination was required. The applicant's name and address are: Wheelabrator Ridge Energy Inc., 3131 K-Ville Avenue, Auburndale, Florida 33823.

This company applied on April 6, 1992, to construct a wood and tire-fired power generation facility. The original construction permit was issued on September 29, 1992, and amended on August 8, 1995, allowing an increase in the tire firing rate from 20% to 40% of total heat input. Sulfur dioxide, hydrogen chloride and particulate emissions from this facility are controlled by a spray dryer and fabric filter system. Nitrogen oxide emissions are controlled by selective non-catalytic reduction. Efficient combustion is employed to minimize carbon monoxide emissions. An emissions testing program was required by the original permit so the final emission limits could be established. Whereas the final emission limits are more stringent than the interim emission limits, this final permit will not result in any increase in air pollution from this facility.

The Department will issue the FINAL Amended Permit, in accordance with the conditions of the enclosed DRAFT Amended Permit unless a response received in accordance with the following procedures results in a different decision or significant change in terms or conditions.

The Department will accept written comments concerning the proposed DRAFT Amended Permit issuance action for a period of 30 (thirty) days from the date of publication of this Notice. Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Amended Permit, the Department shall issue a Revised DRAFT Amended Permit and require, if applicable, another Public Notice.

The Department will issue FINAL Amended Permit with the attached conditions of the enclosed DRAFT Amended Permit unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S. or a party requests mediation as an alternative remedy under section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediation.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the 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, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 904/488-9370, fax: 904/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the 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 the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A person whose substantial interests are affected by the Department's proposed permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information: (a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any; (b) A statement of the preliminary agency action; (c) A statement of the relief sought; and (d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following: (a) The names, addresses, and telephone numbers of any persons who may attend the mediation; (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time; (c) The agreed allocation of the costs and fees associated with the mediation; (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation; (e) The date, time, and place of the first mediation session; or a deadline for holding the first session, if no mediator has yet been chosen; (f) The name of each party's representative who shall have authority to settle or recommend settlement; and (g) The signatures of all parties or their authorized representatives.

As provided in section 120.573 F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by sections 120.569 and 120.57 for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under sections 120.569 and 120.57 remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

A complete project file 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 South Magnolia Drive, Suite 4
Tallahassee, Florida 32301
Telephone: 904/488-1344
Fax: 904/922-6979

Department of Environmental Protection
Southwest District
3804 Coconut Palm Drive
Tampa, Florida 33619
Telephone: 813/744-6100
Fax: 813/744-6084

The complete project file includes the Draft Amended Permit, the revised BACT Determination, the original permit, and the Information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Source Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 904/488-1344, for additional information.

R-713 - 11-13; 1996

AFFIDAVIT OF PUBLICATION

THE LEDGER
Lakeland, Polk County, Florida

Case No .....

STATE OF FLORIDA)
COUNTY OF POLK)

Before the undersigned authority personally appeared Robert Lee, who on oath says that he is Classified Manager of The Ledger, a daily newspaper published in Polk County, Florida; that the attached copy of advertisement, being a

...Notice..of..Intent.....

.....

in the matter of .....

Special Testing.....

.....

in the .....

.....

Court, was published in said newspaper in the issues of .....

...February..11;.....

..1995.....

Affiant further says that said The Ledger is a newspaper published at Lakeland, in said Polk County, Florida, and that the said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered as second class matter at the post office in Lakeland, in said Polk County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Signed .....
Classified Advertising Manager

by Robert E. Lee who is personally known to me

Sworn to and subscribed before me this 11th

day of February A.D. 19 95

KIMBERLY ANN HINKLE
MY COMMISSION # CC 434288
EXPIRES: January 19, 1999
Bonded Thru Notary Public Underwriters

Kimberly Ann Hinkle
Notary Public

My Commission Expires Kimberly Ann Hinkle

Wheelabrator Ridge Energy Inc.
Acct. 21673

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ALLOW SPECIAL TESTING
Polk County

The Department of Environmental Protection gives notice of its intent to allow special testing at the Wheelabrator Ridge Energy, Inc., facility located off State Road 542 and Taylor Road near Auburndale, Polk County, Florida. The special testing is scheduled to commence on or about March 1, 1995, and April 1, 1995 and should last approximately 10 days each time. The facility proposes to increase the percentage of tires burned from the currently permitted 20% tires/80% wood, to 40% tires/60% wood for the duration of these special testing periods. This change is not expected to result in any additional impact to the environment.

A person whose substantial interests are affected by the Department's proposed action 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, within 14 days of publication of this notice. Peitioner 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; (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 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.

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

K524 - 2-11; 1995

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