

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



Wheelabrator Ridge Energy Inc.

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

Phone 941.665.2255
Fax 941.665.0400

October 23, 1996

RECEIVED

OCT 29 1996

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
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
Plant Manager

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

Certification # P 597 437 548

cc: NPS
PARK 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

DAY	MSW PROCESSED		TOTAL	OTHER FUELS PROCESSED		TOTAL
	YARDWASTE	TIRES	MSW 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

DAY	MSW PROCESSED		TOTAL	OTHER FUELS PROCESSED		TOTAL
	YARDWASTE	TIRES	MSW 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

DAY	MSW PROCESSED		TOTAL	OTHER FUELS PROCESSED		TOTAL
	YARDWASTE	TIRES	MSW 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

MONTH	MSW PROCESSED		TOTAL	OTHER FUELS PROCESSED		TOTAL
	YARDWASTE	TIRES	MSW PROCESSED	WOOD	PROPANE PROCESSED	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%



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OCT 22 1996

BUREAU OF
AIR REGULATION

October 16, 1996

Circulate

Marty

John Reynolds

Mike Harley

Heather Hirst (last -> to appropriate file.)

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
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 -- SO₂ / NO_x / TRS / H₂S / CO / Opacity)

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

Company: Ridge Generating Station **Emission Limitation:** 10%
Address: 3131 K-Ville Ave. **Monitor Manufacturer and Model Number:** Thermal Environmental Instruments, Inc. - Model 400B
 Auburndale, FL 33823
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.