

Daily Emission Summary

Generated March 24, 2004, 10:23AM

Unit 1

SI = Invalid Data,
 EV = Edited Value,
 ES = Edited Status,
 * = Excess Emission

Hour	U1_OperatingTime_Hr_1 H	U1_SO2_IbPerMBtu_IH	U1_SO2_AVGIn_Ppm_IH	U1_SO2_Removal_Eff_Pct_IH	U1_Nox_IbPerMBtu_IH	U1_Opac_Pct_IH
03/23/2004						
00	1.00	0.400	809.9	80.5	0.370	5.8
01	1.00	0.380	803.8	81.3	0.360	5.3
02	1.00	0.380	779.8	81.3	0.370	5.9
03	1.00	0.370	777.4	81.9	0.350	6.0
04	1.00	0.360	786.5	82.5	0.330	5.9
05	1.00	0.400	805.7	80.5	0.410	6.2
06	1.00	0.380	800.9	81.0	0.420	5.8
07	1.00	0.370	793.2	81.6	0.480	6.0
08	1.00	0.370	788.4	81.4	0.420	5.7
09	1.00	0.350	785.9	82.1	0.350	6.1

Daily Averages:

1.00 0.380 793.2 81.4 0.380 5.9

All monitoring sites, all instruments Daily Calibration Results

Subject To: Part 75

Generated ,

Unit 1
3/24/2004 11:59
U1_CO2_P_Instrument, Used For Quality Assurance.

Calibration Time	Span	Reference	Actual	Deviation	[R-A]
Calibration Result: Pass					
High 03/24/04 11:36	20.00	18.5	18.4	0.10	0.10
Zero 03/24/04 11:47	20.00	0.0	0.2	0.20	0.20

U1_DP_P_Instrument, Used For Quality Assurance.

Calibration Time	Span	Reference	Actual	Deviation	[R-A]
Calibration Result: Pass					
Zero 03/24/04 11:28	2.14	0.0	0.0	0.10	0.00
High 03/24/04 11:30	2.14	1.2	1.2	1.60	0.04
N/T 03/24/04 11:31		0.0	1.0 Pass		1.00

U1_NOX_P_Instrument, Used For Quality Assurance.

Calibration Time	Span	Reference	Actual	Deviation	[R-A]
Calibration Result: Pass					
Zero 03/24/04 11:36	1,000.00	0.0	4.1	0.40	4.10
High 03/24/04 11:47	1,000.00	826.0	833.1	0.70	7.10

U1_SO2DualRg_P_Instrument, Used For Quality Assurance.

Calibration Time	Span	Reference	Actual	Deviation	[R-A]
Calibration Result: Pass					
Zero 03/24/04 11:36	210.00	0.0	1.8	0.90	1.80
High 03/24/04 11:47	210.00	172.1	169.8	1.10	2.30
Zero 03/24/04 11:36	1,400.00	0.0	11.1	0.80	11.10
High 03/24/04 11:57	1,400.00	1,159.0	1,136.3	1.60	22.70

Time	Tag Name	Value	UD	MODC	RA	S	E	E	E	M	C	O	F	O	O	Q	<	U	I	I	Z	Z	Z	H	H	H	W	Z	L	M	H	P	P	>	f	B	X	X
03/23/2004 06:36	U1 CombOpachn	5.3		0																																		
03/23/2004 06:42	U1 CombOpachn	4.8		0																																		
03/23/2004 06:48	U1 CombOpachn	4.8		0																																		
03/23/2004 06:54	U1 CombOpachn	4.7		0																																		
03/23/2004 07:00	U1 CombOpachn	4.7		0																																		
03/23/2004 07:06	U1 CombOpachn	5.8		0																																		
03/23/2004 07:12	U1 CombOpachn	5.3		0																																		
03/23/2004 07:18	U1 CombOpachn	4.8		0																																		
03/23/2004 07:24	U1 CombOpachn	4.7		0																																		
03/23/2004 07:30	U1 CombOpachn	4.6		0																																		
03/23/2004 07:36	U1 CombOpachn	4.6		0																																		
03/23/2004 07:42	U1 CombOpachn	5.9		0																																		
03/23/2004 07:48	U1 CombOpachn	5.3		0																																		
03/23/2004 07:54	U1 CombOpachn	5.2		0																																		
03/23/2004 08:00	U1 CombOpachn	4.8		0																																		
03/23/2004 08:06	U1 CombOpachn	4.8		0																																		
03/23/2004 08:12	U1 CombOpachn	4.7		0																																		
03/23/2004 08:18	U1 CombOpachn	5.2		0																																		
03/23/2004 08:24	U1 CombOpachn	5.4		0																																		
03/23/2004 08:30	U1 CombOpachn	5.2		0																																		
03/23/2004 08:36	U1 CombOpachn	4.8		0																																		
03/23/2004 08:42	U1 CombOpachn	4.8		0																																		
03/23/2004 08:48	U1 CombOpachn	4.7		0																																		
03/23/2004 08:54	U1 CombOpachn	4.8		0																																		
03/23/2004 09:00	U1 CombOpachn	6.1		0																																		
03/23/2004 09:06	U1 CombOpachn	5.4		0																																		
03/23/2004 09:12	U1 CombOpachn	4.9		0																																		
03/23/2004 09:18	U1 CombOpachn	4.9		0																																		
03/23/2004 09:24	U1 CombOpachn	4.7		0																																		
03/23/2004 09:30	U1 CombOpachn	4.7		0																																		
03/23/2004 09:36	U1 CombOpachn	5.8		0																																		
03/23/2004 09:42	U1 CombOpachn	5.3		0																																		
03/23/2004 09:48	U1 CombOpachn	5.3		0																																		

Time	Tag Name	Value	UD	MODC	RA	S	E	E	E	M	C	O	F	O	O	Q	<	IT	IF	IC	Z	Z	Z	H	H	H	BT	Z	L	M	H	P	PI	>	f	B	X	X		
03/23/2004 03:18	U1 CombOpacIn	5.7	0	0																																				
03/23/2004 03:24	U1 CombOpacIn	5.4	0	0																																				
03/23/2004 03:30	U1 CombOpacIn	4.8	0	0																																				
03/23/2004 03:36	U1 CombOpacIn	4.8	0	0																																				
03/23/2004 03:42	U1 CombOpacIn	4.6	0	0																																				
03/23/2004 03:48	U1 CombOpacIn	4.6	0	0																																				
03/23/2004 03:54	U1 CombOpacIn	5.9	0	0																																				
03/23/2004 04:00	U1 CombOpacIn	5.3	0	0																																				
03/23/2004 04:06	U1 CombOpacIn	5.0	0	0																																				
03/23/2004 04:12	U1 CombOpacIn	4.8	0	0																																				
03/23/2004 04:18	U1 CombOpacIn	4.6	0	0																																				
03/23/2004 04:24	U1 CombOpacIn	4.6	0	0																																				
03/23/2004 04:30	U1 CombOpacIn	5.4	0	0																																				
03/23/2004 04:36	U1 CombOpacIn	5.5	0	0																																				
03/23/2004 04:42	U1 CombOpacIn	5.3	0	0																																				
03/23/2004 04:48	U1 CombOpacIn	5.0	0	0																																				
03/23/2004 04:54	U1 CombOpacIn	4.9	0	0																																				
03/23/2004 05:00	U1 CombOpacIn	4.7	0	0																																				
03/23/2004 05:06	U1 CombOpacIn	4.9	0	0																																				
03/23/2004 05:12	U1 CombOpacIn	6.1	0	0																																				
03/23/2004 05:18	U1 CombOpacIn	5.5	0	0																																				
03/23/2004 05:24	U1 CombOpacIn	5.0	0	0																																				
03/23/2004 05:30	U1 CombOpacIn	4.9	0	0																																				
03/23/2004 05:36	U1 CombOpacIn	4.7	0	0																																				
03/23/2004 05:42	U1 CombOpacIn	4.7	0	0																																				
03/23/2004 05:48	U1 CombOpacIn	6.0	0	0																																				
03/23/2004 05:54	U1 CombOpacIn	5.3	0	0																																				
03/23/2004 06:00	U1 CombOpacIn	5.1	0	0																																				
03/23/2004 06:06	U1 CombOpacIn	4.8	0	0																																				
03/23/2004 06:12	U1 CombOpacIn	4.7	0	0																																				
03/23/2004 06:18	U1 CombOpacIn	4.6	0	0																																				
03/23/2004 06:24	U1 CombOpacIn	5.3	0	0																																				
03/23/2004 06:30	U1 CombOpacIn	5.6	0	0																																				

U1 OperatingTime_Hr_1H
 U1_Load_MW_e_1H
 U1_LoadRange_1to10_1H

U1_HI_MbtuPerHr_1H
 U1_Fc_sqrPerMbtu_1H
 U1_UnitOn_TF_1H

<input checked="" type="checkbox"/>	03/24/2004 0:00	1.00	445	10	2697.4	0	004	1800.0	
<input checked="" type="checkbox"/>	03/24/2004 1:00	1.00	445	10	3791.8	0	004	1800.0	
<input checked="" type="checkbox"/>	03/24/2004 2:00	1.00	444	10	4131.2	0	004	1800.0	
<input checked="" type="checkbox"/>	03/24/2004 3:00	1.00	445	10	4213.3	0	004	1800.0	
<input checked="" type="checkbox"/>	03/24/2004 4:00	1.00	445	10	3527.4	0	004	1800.0	
<input checked="" type="checkbox"/>	03/24/2004 5:00	1.00	444	10	3330.7	0	004	1800.0	
<input checked="" type="checkbox"/>	03/24/2004 6:00	1.00	444	10	4184.3	0	004	1800.0	
<input checked="" type="checkbox"/>	03/24/2004 7:00	1.00	444	10	4174.5	0	004	1800.0	
<input checked="" type="checkbox"/>	03/24/2004 8:00	1.00	445	10	4161.3	0	004	1800.0	
<input checked="" type="checkbox"/>	03/24/2004 9:00	1.00	444	10	4172.1	0	004	1800.0	
<input checked="" type="checkbox"/>	03/24/2004 10:00	1.00	442	10	4160.0	0	004	1800.0	

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 Daily Calibration Summary
 Southern Power Company
 Stanton AS
 =====

Report Period

Day: 03/24/2004

ZERO CAL

SPAN CAL

	TIME	ZERO	%CE	REF	TIME	SPAN	%CE	REF
NOx Hi	6:18	0.00	0.000P	0.00	6:24	134.80	0.400P	134.00
	14:13	-0.10	0.050P	0.00	14:19	135.00	0.500P	134.00
NOX	6:18	-0.20	0.200P	0.00	6:21	11.20	0.100P	11.10
	14:13	-0.20	0.200P	0.00	14:16	11.20	0.100P	11.10
CO2	6:18	0.00	0.000P	0.00	6:24	5.60	0.100P	5.50
	14:13	0.00	0.000P	0.00	14:19	5.60	0.100P	5.50
O2	6:18	-0.70	0.700P	0.00	6:30	9.90	0.000P	9.90
	14:13	-0.70	0.700P	0.00	14:26	9.70	0.200P	9.90
CO Hi	6:18	-1.10	0.110P	0.00	6:30	568.70	1.270P	556.00
	14:13	-0.70	0.070P	0.00	14:26	568.40	1.240P	556.00
CO	6:18	-0.20	0.667P	0.00	6:27	16.80	0.667P	16.60
	14:13	-0.20	0.667P	0.00	14:22	16.80	0.667P	16.60

Today's Date: 03/24/2004

Time: 14:32:20

%CE = Percent Calibration Error

P - Calibration Passed

F - Calibration Failed

1640 nm BTU/HR. ANI

Daily Emission Summary

This report shows hourly and daily values for one main parameter with related values. Incidents of edited data & sample invalid for all parameters and incidents of excess emission (and related reason code) for the main parameter are flagged.

From: 2004/04/27 08:00:00.00 to 2004/04/27 08:59:00.00

Report Generation Time: 4/27/04 09:56
Data Read Time: 2/24/00 10:42
Report Configuration Time: 2/24/00 10:31

Facility: StantonEnergyCenter
Orlando, Florida
Coal Fired Electric Utility

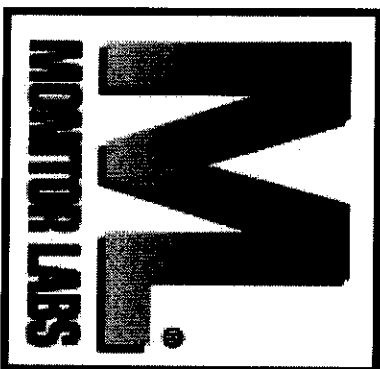
Orlando Utilities Commission

Monitoring Site:

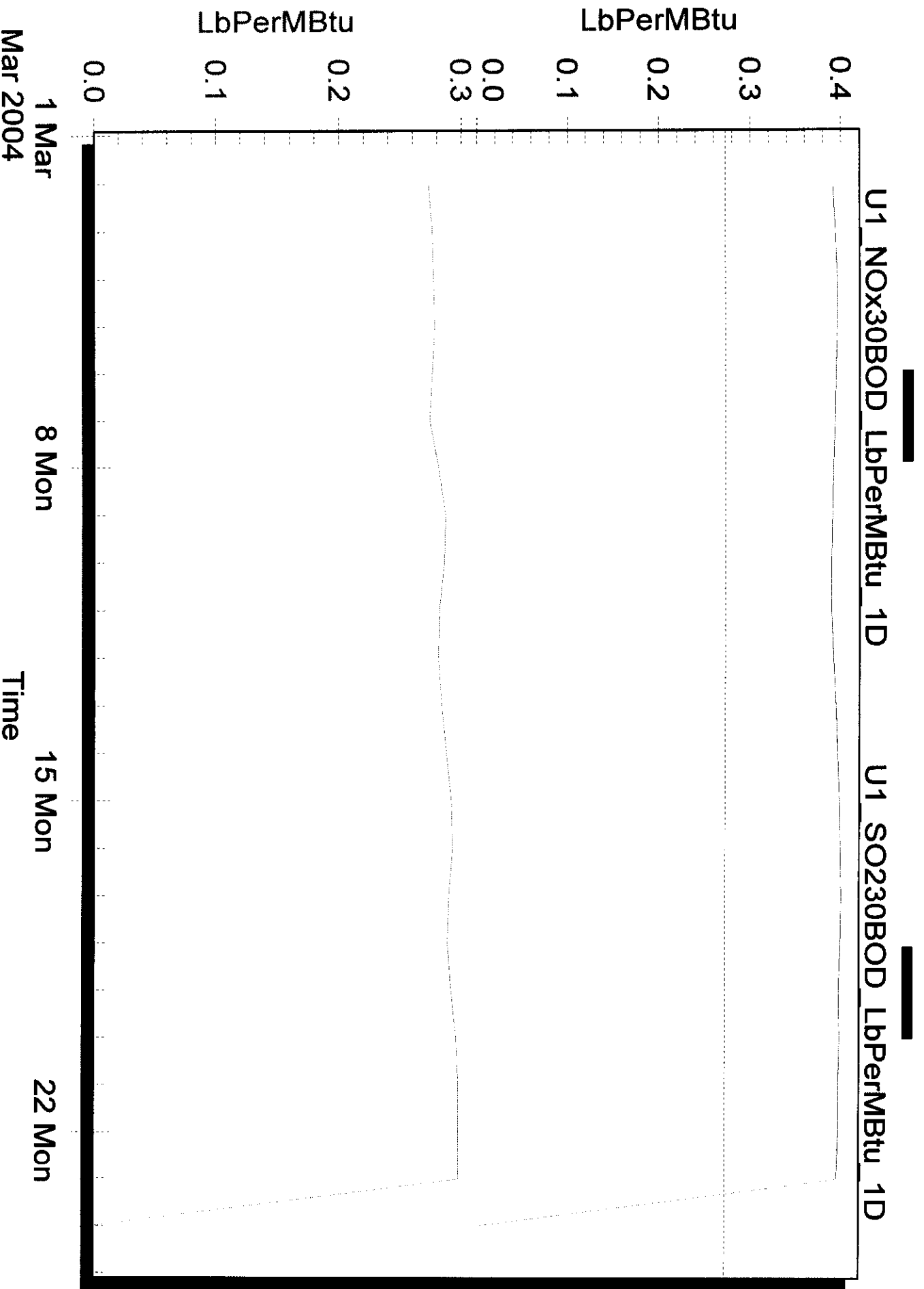
Unit 1
Boiler or CT
Unit 1 Stack - SEC-1 Chimney

U1

Subject To: 40CFR60 40CFR75



RegPerfect Trend



Daily Emission Summary

Generated April 27, 2004, 09:56AM

SI = Invalid Data,
EV = Edited Value,
ES = Edited Status,
* = Excess Emission

Unit 1

Hour	U1_Load_MW_e_1H	U1_SO2In_LbPerMBtu_1H	U1_SO2_Removal_Eff_Pct_1H	U1_SO2_LbPerMBtu_1H	U1_Nox_LbPerMBtu_1H
04/27/2004	442	1.790	81.5	0.330	0.500

Daily Averages:

442	1.790	81.5	0.330	0.500
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SOOT UNIT

Record#	DATE	TIME	GEN11	HTIP12	NOXD13
1	04/26/2004	000000	124.900	1367.100	2.900
2	04/26/2004	010000	104.300	1232.400	2.900
3	04/26/2004	020000	104.800	1235.000	3.300
4	04/26/2004	030000	104.600	1234.400	2.900
5	04/26/2004	040000	104.900	1234.900	2.900
6	04/26/2004	050000	105.600	1236.200	2.900
7	04/26/2004	060000	105.900	1238.500	-63.400
8	04/26/2004	070000	103.600	1225.500	2.900
9	04/26/2004	080000	107.200	1247.600	3.300
10	04/26/2004	090000	145.200	1516.100	2.900
11	04/26/2004	100000	161.700	1648.900	2.900
12	04/26/2004	110000	160.600	1799.200	3.000
13	04/26/2004	120000	159.300	2082.800	2.900
14	04/26/2004	130000	157.800	2081.900	2.900
15	04/26/2004	140000	157.300	2071.200	3.000
16	04/26/2004	150000	156.000	2066.800	2.900
17	04/26/2004	160000	155.300	2058.900	2.900
18	04/26/2004	170000	155.400	2061.400	2.900
19	04/26/2004	180000	158.200	2081.000	2.900
20	04/26/2004	190000	160.100	2055.900	2.900
21	04/26/2004	200000	162.100	1844.500	3.000
22	04/26/2004	210000	161.800	1647.100	2.900
23	04/26/2004	220000	161.700	1645.100	2.900
24	04/26/2004	230000	66.800	948.700	14.900
25	/ /				
26	/ /	AVE	135.213	1619.213	0.683

Time	Tag Name	Value	UD	MODC	RA	SA	EV	ES	EG	EM	CS	OS	FD	OD	QA	<	Int	IF	IC	Z	Z	Z	H	H	H	sd	Z	L	M	H	P	PL	>	
04/27/2004 08:00	U1 CombOpachnlet Pct 6M	5.6		0																														
04/27/2004 08:06	U1 CombOpachnlet Pct 6M	5.1		0																														
04/27/2004 08:12	U1 CombOpachnlet Pct 6M	5.0		0																														
04/27/2004 08:18	U1 CombOpachnlet Pct 6M	4.9		0																														
04/27/2004 08:24	U1 CombOpachnlet Pct 6M	4.8		0																														
04/27/2004 08:30	U1 CombOpachnlet Pct 6M	5.8		0																														
04/27/2004 08:36	U1 CombOpachnlet Pct 6M	5.4		0																														
04/27/2004 08:42	U1 CombOpachnlet Pct 6M	5.2		0																														
04/27/2004 08:48	U1 CombOpachnlet Pct 6M	4.8		0																														
04/27/2004 08:54	U1 CombOpachnlet Pct 6M	4.7		0																														
04/27/2004 09:00	U1 CombOpachnlet Pct 6M	4.7		0																														
04/27/2004 09:06	U1 CombOpachnlet Pct 6M	5.2		0																														
04/27/2004 09:12	U1 CombOpachnlet Pct 6M	5.6		0																														
04/27/2004 09:18	U1 CombOpachnlet Pct 6M	5.6		0																														
04/27/2004 09:24	U1 CombOpachnlet Pct 6M	5.0		0																														
04/27/2004 09:30	U1 CombOpachnlet Pct 6M	4.9		0																														
04/27/2004 09:36	U1 CombOpachnlet Pct 6M	4.8		0																														
04/27/2004 09:42	U1 CombOpachnlet Pct 6M	4.8		0																														
04/27/2004 09:48	U1 CombOpachnlet Pct 6M	6.0		0																														
04/27/2004 09:54	U1 CombOpachnlet Pct 6M	5.6		0																														
04/27/2004 10:00	U1 CombOpachnlet Pct 6M	5.0		0																														
04/27/2004 10:06	U1 CombOpachnlet Pct 6M	0.0	X	0				X																										

Time	Tag Name	Value	UD	MODC	RA	st	E	E	E	M	C	O	O	O	Q	<	IT	IF	IC	Z	Z	Z	H	H	H	H	st	Z	L	M	H	P	Pl	>	f	B	X	X		
							V	S	C	M	C	S	Ft	D	M	A																								
04/27/2004 00:00	U1 CoalFlow To 162.2		0																																					
04/27/2004 01:00	U1 CoalFlow To 161.9		0																																					
04/27/2004 02:00	U1 CoalFlow To 161.7		0																																					
04/27/2004 03:00	U1 CoalFlow To 161.3		0																																					
04/27/2004 04:00	U1 CoalFlow To 162.0		0																																					
04/27/2004 05:00	U1 CoalFlow To 162.0		0																																					
04/27/2004 06:00	U1 CoalFlow To 162.2		0																																					
04/27/2004 07:00	U1 CoalFlow To 161.5		0																																					
04/27/2004 08:00	U1 CoalFlow To 161.2		0																																					
04/27/2004 09:00	U1 CoalFlow To 160.7		0																																					
04/27/2004 10:00	U1 CoalFlow To 0.0		X				X			X																														
04/27/2004 11:00	U1 CoalFlow To 0.0		X				X			X																														

OVC STANDARD
 5/5/04
 JUNE 2

UNIT 1
 UNIT 2

Time	Tag Name	Value	UD	MODC	RA	SA	EV	ES	EM	MC	OS	OF	OD	QA	<	IT	IF	IC	Z	Z	Z	H	H	H	ST	Z	L	T	W	H	P	PL	<	>	I	B	X	X			
05/05/2004 00:00	U2 CombOpacIn	3.2		0																																					
05/05/2004 00:06	U2 CombOpacIn	3.3		0																																					
05/05/2004 00:12	U2 CombOpacIn	3.3		0																																					
05/05/2004 00:18	U2 CombOpacIn	3.2		0																																					
05/05/2004 00:24	U2 CombOpacIn	3.3		0																																					
05/05/2004 00:30	U2 CombOpacIn	3.5		0																																					
05/05/2004 00:36	U2 CombOpacIn	3.6		0																																					
05/05/2004 00:42	U2 CombOpacIn	3.6		0																																					
05/05/2004 00:48	U2 CombOpacIn	3.3		0																																					
05/05/2004 00:54	U2 CombOpacIn	3.4		0																																					
05/05/2004 01:00	U2 CombOpacIn	3.4		0																																					
05/05/2004 01:06	U2 CombOpacIn	3.4		0																																					
05/05/2004 01:12	U2 CombOpacIn	3.4		0																																					
05/05/2004 01:18	U2 CombOpacIn	3.4		0																																					
05/05/2004 01:24	U2 CombOpacIn	0.0		0						X																															
05/05/2004 01:30	U2 CombOpacIn	3.4		0																																					
05/05/2004 01:36	U2 CombOpacIn	3.4		0																																					
05/05/2004 01:42	U2 CombOpacIn	3.4		0																																					
05/05/2004 01:48	U2 CombOpacIn	3.6		0																																					
05/05/2004 01:54	U2 CombOpacIn	3.9		0																																					
05/05/2004 02:00	U2 CombOpacIn	3.8		0																																					
05/05/2004 02:06	U2 CombOpacIn	3.5		0																																					
05/05/2004 02:12	U2 CombOpacIn	3.4		0																																					
05/05/2004 02:18	U2 CombOpacIn	3.5		0																																					
05/05/2004 02:24	U2 CombOpacIn	3.5		0																																					
05/05/2004 02:30	U2 CombOpacIn	3.4		0																																					
05/05/2004 02:36	U2 CombOpacIn	3.4		0																																					
05/05/2004 02:42	U2 CombOpacIn	3.4		0																																					
05/05/2004 02:48	U2 CombOpacIn	3.4		0																																					
05/05/2004 02:54	U2 CombOpacIn	3.4		0																																					
05/05/2004 03:00	U2 CombOpacIn	3.4		0																																					
05/05/2004 03:06	U2 CombOpacIn	3.5		0																																					
05/05/2004 03:12	U2 CombOpacIn	3.9		0																																					

Daily Emission Summary

Generated May 05, 2004, 09:46AM

Unit 2

SI = Invalid Data,
 EV = Edited Value,
 ES = Edited Status,
 * = Excess Emission

Hour	U2_CoalFlow_TonPerHr_1H	U2_HI_MBTuPerHr_1H	U2_NoX_LbPerMBtu_1H	U2_NoX_Ppm_1H	U2_SO2_LbPerMBtu_1H	U2_SO2_Ppm_1H	U2_Load_MWc_1H
05/05/2004							
00	159.6	4,264.3	0.170	86.6	0.150	56.7	443.7
01	119.2	3,484.2	0.150	81.6	0.120	46.1	351.5
02	110.5	3,004.2	0.160	77.3	0.120	44.3	311.0
03	109.9	3,012.3	0.160	76.3	0.110	37.3	302.2
04	120.4	3,202.2	0.160	80.5	0.110	38.3	317.7
05	166.7	3,943.7	0.180	87.2	0.150	52.4	432.7
06	164.2	4,325.9	0.180	93.6	0.190	72.8	448.9
07	168.6	4,403.4	0.160	83.4	0.190	69.6	459.1
08	167.0	4,441.6	0.160	85.8	0.180	67.5	460.6
09	0.0SI	0.0SI	0.000SI	0.0SI	0.000SI	0.0SI	0.0SI
10	0.0SI	0.0SI	0.000SI	0.0SI	0.000SI	0.0SI	0.0SI

Daily Averages:

142.9 3,786.9 0.160 83.6 0.150 53.9 391.9

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method used (Circle One)
 Method g 203A 203B Other: _____

Company Name
OUC-STANTON

Facility Name

Street Address

City State Zip

Process
COAL FIRED BOILER Unit # 142 Operating Mode U1 441 U2 460

Control Equipment
SCRAMBLER ELECTROSTATIC Operating Mode _____

Describe Emission Point
2 STACKS

Height of Emis. Pt.
Start 550 End 550 Height of Emis. Pt. Rel. to Observer
Start 550 End 550

Distance to Emis. Pt.
Start 10,000 End 10,000 Direction to Emis. Pt. (Degrees)
Start 80 End 80

Vertical Angle to Obs. Pt.
Start 4 End 4 Direction to Obs. Pt. (Degrees)
Start 80 End 80

Distance and Direction to Observation Point from Emission Point
Start AT END OF STEAM End AT END OF STEAM

Describe Emissions
Start STEAM End STEAM

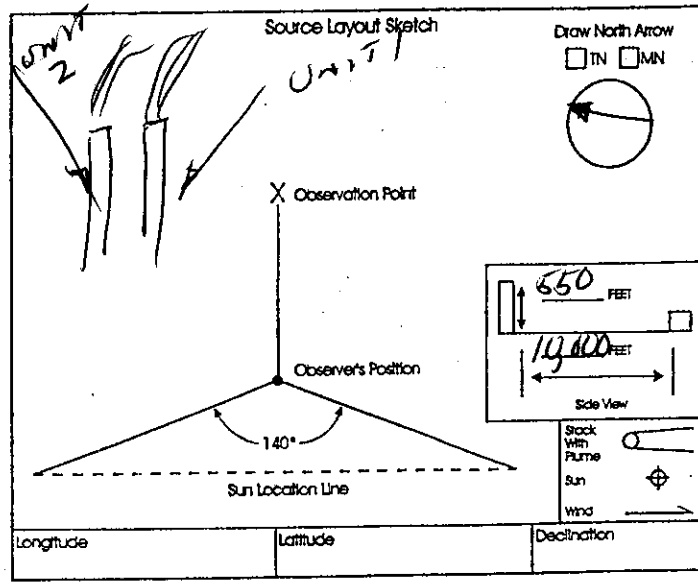
Emission Color
Start WHITE End WHITE Water Droplet Plume
Attached Detached None

Describe Plume Background
Start SKY End _____

Background Color
Start BL-WH End BL-WH Sky Conditions
Start PT. CI End PT. CI

Wind Speed
Start 0-3 End 0-3 Wind Direction
Start N End N

Ambient Temp.
Start 80 End 80 Wet Bulb Temp. _____ RH Percent _____



Additional Information

Form Number _____ Page _____ Of _____

Continued on VEO Form Number _____

Sec Mn	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
36	0	0	0	0	11:36		UNIT 1
37	0	0	0	0			441 MW
38	0	0	0	0			
39	0	0	0	0			
40	0	0	0	0			
41	0	0	0	0			
42	0	0	0	0			
43	0	0	0	0			
44	0	0	0	0			
45	0	0	0	0			
46	0	0	0	0			
47	0	0	0	0			
13							
36	0	0	0	0			UNIT 2
37	0	0	0	0			460 MW
38	0	0	0	0			
39	0	0	0	0			
40	0	0	0	0			
41	0	0	0	0			
42	0	0	0	0			
43	0	0	0	0			
44	0	0	0	0			
45	0	0	0	0			
46	0	0	0	0			
47	0	0	0	0			
26							
27							
28							
29							
30							

Observer's Name (Print)
GARY KUBELSK

Observer's Signature
Gary Kubelsk Date 5/5/04

Organization
CFEP

Certified By
ETA Date 2/14/04