ASH GROVE CEMENT, INC.

Cement Kiln Dioxins/Furans PC MACT Emissions Test
Seattle, Washington

STR04686

Performed and Reported by:

VALID RESULTS, INC
3030 N.E. 97th Street
SEATTLE, WA 98115

For Submittal To:

Ash Grove Cement
Seattle, Washington

Submitted On:

November 11, 2004

627108
SEA0375

AGCS2M001972

SECTION 2. SUMMARY OF RESULTS

2.1. Test Results

Table 2-1:Test Results Summary.
Dioxins/Furans PC MACT Compliance Emission Test Results
Rotary Cement Kiln

Parameter	Raw Mill On	Raw Mill Off	Limit*
Baghouse Inlet Temperature			
Degrees, F	347	492	
Kiln Feed Rate			
Tons/hour	150	145	
Flow Rate			
Feet/second (ft/sec)	23.3	26.1	
Dry Standard Cubic Feet per Minute (dscf/m)	118,219	111,686	
Exhaust Temperature			
Degrees, F	271.4	451.6	
Exhaust Moisture			
Bws, %	12.39	7.76	
Fixed Gases			
O_2, %	9.15	8.68	
CO_2, %	19.94	20.59	
Dioxins/Furans**			
TEQ, ng/dscm	3.64E-4	2.08E-3	
TEQ, ng/dscm @7%O_2	4.31E-4	2.37E-3	0.2
TEQ, ng/megagram of clinker	0.899	5.018	
TEQ, lbs/hr	1.71E-13	8.79E-10	

* The Raw Mill On (Off) limit is 0.40 (0.20) ng/dscm $_{(TEQ)}$ @7%O_2.
** Dioxins/Furans test results represent the average of three three-hour test runs.

2.2. Process Data

The unit operating data average reports for each test run are contained in Appendix E.

2.3. Comments: Discussion of Quality Assurance and Variations

Quality assurance procedures listed in the test methods referenced in Table 1-1 and the Source Test Plan included in Appendix I were performed and documented. The QA/QC procedures are described in Section 4.3 of the report. Documentation of the QA/QC is provided in Appendix F.

E
Plant Operational Data

AGCS2M001974

R1 10/12/04	COAL MILL 1 COAL FEED TPH	COAL MILL 1 EXIT TEMP DEG F	COAL MILL 1 MOTOR POWER % FULL LOAD	COAL MILL 1 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
8:02 AM	7.02	160.44	84.73	11.71	157.24	10.37	0.61	2.35	116746.10	9.15	716.76	345.89	18.69	349.74	269.18
8:03 AM	7.02	160.03	84.73	11.72	157.24	10.37	0.61	3.24	116956.50	8.12	719.28	356.19	19.25	345.91	268.90
8:04 AM	7.02	159.94	84.73	11.75	157.24	10.37	0.61	2.52	116470.18	9.21	760.97	343.51	18.86	343.47	268.89
8:05 AM	7.02	159.74	85.21	11.75	157.24	10.37	0.61	2.14	118814.52	9.27	896.13	342.85	19.50	339.85	268.69
8:06 AM	7.02	159.56	87.63	11.75	157.30	10.37	0.61	2.32	119024.17	9.24	706.03	353.16	19.07	336.31	268.63
8:07 AM	7.02	159.54	87.63	11.75	157.61	10.37	0.61	2.90	121287.77	9.07	735.85	352.19	18.80	332.27	268.70
8:08 AM	7.02	159.37	87.63	11.75	157.61	10.37	0.61	3.05	120601.32	9.14	668.46	355.96	18.55	328.94	269.17
8:09 AM	7.02	159.17	87.29	11.75	157.61	10.37	0.61	2.50	118468.83	9.24	609.69	357.45	18.25	328.68	269.19
8:10 AM	7.02	159.04	85.58	11.75	157.61	10.36	0.61	2.68	116148.75	9.35	609.71	350.09	17.89	327.51	269.18
8:11 AM	7.02	158.98	85.58	11.75	157.61	10.36	0.61	1.65	119980.17	9.30	636.33	354.13	18.00	327.52	270.32
8:12 AM	7.02	158.94	85.58	11.75	157.61	10.36	0.61	2.33	121390.10	9.30	663.55	341.82	18.14	326.30	269.87
8:13 AM	7.02	159.12	85.58	11.75	157.61	10.36	0.61	1.66	119907.58	9.16	681.87	340.45	18.48	325.52	270.40
8:14 AM	7.02	159.13	85.58	11.75	157.26	10.36	0.61	3.06	117845.02	9.20	670.14	333.37	17.32	326.62	268.72
8:15 AM	7.02	159.19	85.58	11.75	155.48	10.36	0.61	3.02	118510.25	9.29	684.79	327.68	17.90	325.36	268.99
8:16 AM	7.02	159.11	85.58	11.75	155.48	10.35	0.61	2.31	119725.08	9.27	693.44	321.40	17.68	321.82	267.65
8:17 AM	7.02	159.04	85.58	11.75	155.48	10.36	0.61	1.59	119268.37	9.19	715.54	322.16	18.04	320.72	268.83
8:18 AM	7.02	158.98	85.58	11.75	156.18	10.36	0.61	1.98	120608.08	9.22	723.05	316.94	17.88	322.79	267.62
8:19 AM	7.02	159.05	85.58	11.73	159.66	10.36	0.61	1.96	117994.85	9.20	718.12	312.42	18.57	326.28	267.85
8:20 AM	7.02	159.01	85.58	11.73	159.38	10.36	0.61	2.19	117273.38	9.10	780.06	305.58	18.96	328.87	268.52
8:21 AM	7.02	158.83	85.58	11.73	157.99	10.36	0.61	2.90	119530.03	9.15	742.15	308.69	18.77	328.85	268.12
8:22 AM	7.02	158.87	85.58	11.73	157.99	10.36	0.61	2.47	117410.23	9.17	692.69	312.64	18.61	329.63	268.61
8:23 AM	7.02	159.04	85.58	11.73	157.99	10.36	0.61	3.05	118292.58	9.17	679.31	309.31	18.50	329.88	268.70
8:24 AM	7.02	158.95	85.34	11.73	157.99	10.35	0.61	2.90	119284.50	9.09	732.35	310.00	18.68	332.56	269.14
8:25 AM	7.02	158.84	84.13	11.73	157.99	10.36	0.61	3.31	119985.95	9.06	761.48	307.15	19.03	335.21	269.23
8:26 AM	7.02	158.90	84.13	11.73	157.99	10.36	0.63	3.17	120557.68	9.11	722.99	310.96	19.42	337.57	269.23
8:27 AM	7.02	158.91	84.13	11.73	157.99	10.36	0.71	2.06	120444.93	9.17	725.62	303.23	19.53	339.44	269.33
8:28 AM	7.02	158.97	84.13	11.73	157.99	10.36	0.71	1.75	118321.98	9.07	774.17	302.62	19.55	340.78	269.88
8:29 AM	7.02	159.00	84.13	11.73	157.99	10.40	0.71	1.68	119674.62	9.12	753.75	296.44	19.65	341.64	270.45
8:30 AM	7.02	159.10	84.47	11.73	157.99	10.58	0.71	2.12	118456.27	9.15	717.85	301.30	19.68	342.98	270.55
8:31 AM	7.02	158.97	86.14	11.73	157.99	10.58	0.71	2.20	118240.58	9.23	725.27	296.09	19.77	343.47	271.04
8:32 AM	7.02	158.97	86.14	11.73	157.99	10.58	0.71	2.27	119246.63	9.12	722.08	294.84	19.92	343.02	271.21
8:33 AM	7.02	159.00	86.14	11.71	157.99	10.56	0.71	2.72	117395.37	9.11	727.46	293.22	19.75	343.71	272.20
8:34 AM	7.02	159.13	86.14	11.58	157.99	10.58	0.71	2.67	116599.83	8.98	806.80	288.81	19.84	343.28	273.42
8:35 AM	7.02	159.20	86.14	11.58	157.99	10.58	0.71	2.75	116815.38	8.97	788.42	294.13	20.45	343.80	273.48
8:36 AM	7.02	159.23	86.14	11.58	157.99	10.58	0.71	2.82	116923.70	9.04	722.69	297.18	21.00	342.45	273.51
8:37 AM	7.02	159.07	86.14	11.58	157.67	10.58	0.71	3.02	117106.90	8.08	772.49	295.20	20.18	342.66	271.88
8:38 AM	7.00	159.22	86.14	11.58	156.60	10.56	0.71	3.35	118539.08	8.97	779.33	296.76	19.99	341.68	272.63
8:39 AM	7.00	159.37	86.14	11.58	158.85	10.56	0.71	3.01	117572.87	8.85	872.36	294.42	20.17	342.37	271.34
8:40 AM	7.00	159.50	86.14	11.58	158.18	10.58	0.71	2.59	116455.32	8.73	947.93	294.18	20.63	345.95	270.95
8:41 AM	7.00	159.56	86.14	11.58	155.63	10.58	0.71	1.83	116397.07	8.72	1062.54	298.48	21.43	352.30	272.01
8:42 AM	7.00	159.54	86.14	11.58	152.32	10.58	0.71	2.49	117641.80	8.69	1070.51	297.26	21.89	355.84	272.74
8:43 AM	7.00	159.42	86.14	11.58	150.96	10.58	0.71	2.82	117078.00	8.73	1031.89	292.41	22.00	357.51	273.20
8:44 AM	7.00	159.50	86.14	11.58	158.78	10.56	0.71	3.01	118825.35	8.91	835.22	295.12	22.13	358.73	273.35
8:45 AM	7.00	159.57	85.92	11.58	160.74	10.47	0.71	2.85	120479.12	8.96	823.23	290.80	21.74	358.85	274.04
8:46 AM	7.00	159.61	84.82	11.58	152.61	10.47	0.71	2.53	119676.52	8.97	828.42	288.47	21.94	359.95	273.85
8:47 AM	7.00	159.47	84.82	11.58	150.97	10.47	0.71	1.89	118073.15	8.93	845.47	286.10	22.28	362.47	274.57
8:48 AM	7.00	159.34	84.82	11.57	158.01	10.47	0.71	1.81	117868.08	8.94	855.08	287.54	23.25	362.80	274.33
8:49 AM	7.00	159.34	84.82	11.50	159.75	10.47	0.71	2.43	120412.92	8.89	915.01	291.28	22.77	362.55	275.34
8:50 AM	7.00	159.37	84.82	11.50	160.12	10.47	0.59	2.65	117492.90	8.99	857.95	291.49	22.81	363.82	275.34
8:51 AM	7.00	159.48	84.82	11.50	161.49	10.47	0.61	2.44	116633.65	8.96	837.18	294.98	22.49	366.30	275.45
8:52 AM	7.00	159.40	84.82	11.50	159.01	10.47	0.61	2.96	116609.32	8.95	837.98	298.97	22.66	367.68	276.35
8:53 AM	6.99	159.34	84.82	11.50	159.01	10.47	0.61	2.82	119067.92	8.89	851.55	297.17	22.38	368.46	276.93
8:54 AM	6.99	159.35	84.82	11.50	159.01	10.47	0.61	1.95	118832.83	8.90	890.82	293.65	22.17	368.33	277.42
8:55 AM	6.99	159.41	84.82	11.50	159.01	10.47	0.61	1.81	120479.02	8.82	933.65	291.80	22.26	369.07	277.32
8:56 AM	6.99	159.40	84.82	11.50	158.68	10.47	0.61	2.35	118579.33	8.83	967.14	284.29	22.06	370.74	278.26
8:57 AM	6.99	159.33	84.82	11.50	157.01	10.47	0.61	2.82	116841.82	8.77	1018.56	287.31	22.57	370.66	279.21
8:58 AM	6.99	159.29	84.82	11.50	157.01	10.47	0.61	3.00	118914.95	8.86	974.20	287.36	21.86	368.70	278.89
8:59 AM	6.99	159.40	84.82	11.50	157.01	10.45	0.61	2.42	119188.52	8.74	996.53	286.91	21.50	365.98	279.23
9:00 AM	6.99	159.35	84.96	11.50	156.66	10.36	0.61	1.91	118227.48	8.78	1022.23	279.85	20.68	365.08	277.31
9:01 AM	6.99	159.39	85.66	11.50	154.35	10.36	0.61	2.57	116350.53	8.82	973.01	266.29	21.40	362.52	277.48
9:02 AM	6.99	159.22	85.66	11.50	151.49	10.36	0.61	2.80	116085.53	8.89	934.21	269.20	21.14	362.35	278.01
9:03 AM	6.99	158.95	85.66	11.53	151.49	10.36	0.61	2.33	116728.87	8.95	967.94	269.40	20.99	365.12	276.33
9:04 AM	6.99	158.83	85.66	11.65	151.49	10.36	0.61	3.00	116160.92	8.94	1404.93	254.92	20.93	367.89	276.86
9:05 AM	6.99	158.83	85.66	11.65	151.49	10.36	0.61	3.04	116685.97	8.94	927.00	264.70	21.09	368.34	276.86
9:06 AM	6.99	158.88	85.66	11.65	151.49	10.36	0.61	3.15	117484.57	8.89	896.56	267.56	20.57	367.32	276.81
9:07 AM	7.00	158.08	85.66	11.65	150.97	10.36	0.61	2.73	118464.73	8.85	868.98	272.40	20.65	365.93	276.71
9:08 AM	7.03	158.89	85.66	11.65	148.38	10.36	0.61	1.80	120226.85	8.92	823.81	272.86	20.81	364.02	277.33
9:09 AM	7.03	158.81	85.66	11.65	148.38	10.36	0.61	1.64	118362.35	8.97	800.92	260.99	20.54	364.34	276.70
9:10 AM	7.03	158.68	85.66	11.65	148.95	10.36	0.61	2.02	117616.10	8.87	890.41	264.43	20.07	366.21	277.11

R1 10/13/04	COAL MILL 1 COAL FEED TPH	COAL MILL 1 EXIT TEMP DEG F	COAL MILL 1 MOTOR POWER % FULL LOAD	COAL MILL 1 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
9:11 AM	7.03	158.69	85.66	11.65	151.81	10.36	0.61	2.09	118688.42	8.93	785.62	271.82	20.60	369.11	277.27
9:12 AM	7.03	158.78	85.66	11.65	151.81	10.36	0.61	2.15	117360.38	8.89	818.77	273.90	20.76	367.93	277.78
9:13 AM	7.03	158.83	85.66	11.65	151.81	10.36	0.61	2.70	118278.20	8.87	804.38	270.79	20.91	364.86	277.77
9:14 AM	7.03	158.83	85.66	11.65	150.97	10.36	0.61	3.23	118047.22	8.88	773.67	268.51	20.47	363.17	277.78
9:15 AM	7.03	158.83	85.70	11.65	148.78	10.36	0.61	2.87	117501.53	9.02	745.48	267.89	19.29	362.03	277.85
9:16 AM	7.03	158.83	85.90	11.65	148.78	10.36	0.61	2.14	119150.75	8.92	806.56	263.93	19.70	361.75	278.42
9:17 AM	7.03	158.84	85.90	11.65	147.30	10.36	0.61	1.62	117879.42	9.06	722.14	267.82	20.55	363.49	278.74
9:18 AM	7.03	158.89	85.90	11.60	149.62	10.36	0.61	1.74	117832.40	9.10	662.45	273.64	20.46	363.94	279.15
9:19 AM	7.03	158.83	85.90	11.44	148.30	10.36	0.61	1.90	115683.57	9.09	684.59	271.71	20.11	362.60	279.94
9:20 AM	7.03	158.83	85.90	11.81	151.16	10.36	0.67	2.24	115517.68	8.92	726.17	276.34	20.49	359.87	280.24
9:21 AM	7.03	158.84	85.90	11.81	151.16	10.36	1.07	2.88	116477.88	8.89	735.86	279.42	19.74	358.04	279.92
9:22 AM	7.02	158.88	85.90	11.81	151.16	10.36	1.47	2.71	117354.78	8.91	694.57	284.70	19.76	357.51	279.90
9:23 AM	6.99	158.79	85.90	11.78	150.71	10.40	0.92	2.90	118404.92	8.96	710.93	287.31	18.87	360.60	278.62
9:24 AM	6.99	158.97	85.90	11.50	148.43	10.60	0.50	2.65	119551.00	8.88	796.68	290.33	18.92	364.59	278.75
9:25 AM	6.99	159.00	85.90	11.50	148.43	10.60	0.30	1.81	118907.92	8.86	784.12	292.21	18.87	368.17	277.44
9:26 AM	6.99	159.10	85.90	11.50	148.43	10.67	0.23	0.61	119058.52	8.89	724.14	293.73	18.58	367.97	277.17
9:27 AM	6.99	158.96	85.90	11.54	147.94	10.87	0.26	2.26	118441.33	8.93	657.92	292.38	18.73	369.15	277.21
9:28 AM	6.99	158.85	85.90	11.75	145.84	10.69	0.42	2.30	115862.30	8.88	844.50	291.57	18.31	370.33	277.49
9:29 AM	6.99	159.17	85.90	11.75	147.55	10.37	0.44	2.16	114784.37	8.41	1462.86	274.80	19.05	372.41	277.73
9:30 AM	6.99	159.03	85.79	11.75	147.55	10.37	0.42	2.00	115605.32	8.81	1094.47	290.24	19.55	374.12	277.72
9:31 AM	6.99	158.88	85.22	11.75	147.55	10.37	0.47	2.66	119687.28	9.04	735.84	295.25	18.90	376.40	278.92
9:32 AM	6.99	158.75	85.22	11.75	147.55	10.37	0.43	2.46	120524.38	9.16	672.39	294.11	18.30	375.17	278.79
9:33 AM	6.99	158.75	85.22	11.71	147.55	10.37	0.35	1.76	118778.80	9.16	705.33	296.20	18.18	372.77	279.10
9:34 AM	6.99	158.79	85.22	11.50	147.55	10.37	0.35	2.34	119363.15	9.16	740.18	289.87	18.14	371.39	278.28
9:35 AM	6.99	159.00	85.22	11.50	147.55	10.37	0.35	2.42	119561.95	8.89	1044.91	284.55	17.91	373.87	279.05
9:36 AM	6.99	159.12	85.22	11.50	147.55	10.37	0.35	2.91	119218.05	8.63	1325.69	282.25	18.18	375.82	278.74
9:37 AM	6.99	159.13	85.22	11.50	147.55	10.37	0.35	3.04	120881.18	8.66	1260.13	291.80	18.43	379.73	278.88
9:38 AM	7.00	159.20	85.22	11.50	147.55	10.37	0.35	2.97	120520.83	8.86	894.37	305.32	18.55	380.71	278.40
9:39 AM	7.00	159.28	85.22	11.50	147.55	10.37	0.35	2.34	118969.90	9.04	795.71	298.94	18.27	379.25	278.46
9:40 AM	7.00	159.30	85.22	11.50	147.55	10.37	0.35	2.50	119605.08	9.09	749.21	295.71	18.39	378.18	278.89
9:41 AM	7.00	159.11	85.22	11.50	148.30	10.37	0.35	2.29	118872.63	9.20	680.62	296.86	18.42	378.96	278.79
9:42 AM	7.00	159.06	85.22	11.50	152.05	10.37	0.38	2.77	117301.83	9.26	653.18	300.79	17.62	378.87	279.18
9:43 AM	7.00	159.08	85.22	11.50	152.05	10.37	0.59	1.83	116369.48	9.32	623.84	306.86	17.67	379.12	278.73
9:44 AM	7.00	158.91	85.22	11.50	151.49	10.36	0.83	1.97	117829.92	9.35	615.56	307.85	16.90	377.09	279.00
9:45 AM	7.00	159.01	85.12	11.50	148.71	10.36	0.80	2.39	116988.73	9.15	654.15	311.00	16.46	376.19	278.27
9:46 AM	7.00	159.22	84.61	11.50	149.13	10.36	0.89	2.90	118566.90	9.09	674.25	315.48	16.44	376.31	277.17
9:47 AM	7.00	159.40	84.61	11.50	151.21	10.36	0.89	3.05	118713.03	8.81	673.87	315.78	16.68	374.35	277.00
9:48 AM	7.00	159.70	84.61	11.49	151.21	10.36	0.73	2.53	118500.82	8.65	1213.63	307.26	16.47	377.37	275.06
9:49 AM	7.00	159.66	84.61	11.50	151.21	10.36	0.71	1.97	116054.33	8.49	1542.53	296.31	17.13	380.63	274.83
9:50 AM	7.00	159.81	84.61	11.75	151.21	10.36	0.84	2.63	117506.82	8.48	1715.59	296.61	17.62	382.78	275.31
9:51 AM	7.00	159.93	84.61	11.71	151.21	10.36	0.84	2.90	117722.45	8.70	1003.70	311.06	17.91	383.47	275.34
9:52 AM	7.01	159.95	84.61	11.50	151.21	10.36	0.84	2.95	117341.62	8.84	827.85	309.81	17.93	383.98	275.26
9:53 AM	7.04	160.07	84.61	11.50	151.21	10.36	0.84	3.08	116425.62	8.83	805.24	302.40	17.76	384.74	274.89
9:54 AM	7.04	160.05	84.61	11.50	151.21	10.36	0.84	2.57	117530.82	8.87	828.42	304.98	17.57	386.86	275.60
9:55 AM	7.04	159.83	84.61	11.57	151.21	10.36	0.84	1.53	119537.17	8.92	812.49	307.29	17.58	388.73	275.28
9:56 AM	7.04	159.93	84.61	11.88	151.21	10.36	0.80	1.78	118771.88	8.85	840.86	308.09	17.40	391.04	275.56
9:57 AM	7.04	159.93	84.61	11.62	151.21	10.36	0.60	2.38	118981.58	8.87	842.80	312.21	17.12	391.70	275.34
9:58 AM	7.04	159.93	84.61	11.62	151.21	10.36	0.50	2.55	117676.47	8.74	1088.80	308.86	17.41	393.29	275.24
9:59 AM	7.04	159.94	84.61	11.62	151.21	10.37	0.56	2.87	118301.08	8.52	1268.43	300.58	17.78	395.20	274.85
10:00 AM	7.04	160.01	84.75	11.62	151.21	10.37	0.46	2.91	115274.37	8.68	1180.30	313.83	18.03	395.68	276.52
10:01 AM	7.04	160.11	85.42	11.62	151.28	10.37	0.51	3.03	114236.62	8.75	963.84	320.67	20.41	396.09	277.23
10:02 AM	7.04	160.33	85.42	11.62	151.63	10.37	0.50	2.60	117613.18	8.71	1255.98	316.56	31.28	395.98	280.97
10:03 AM	7.04	160.47	85.42	11.62	151.63	10.37	0.45	2.92	121628.05	8.54	1636.73	322.27	26.26	395.14	282.04
10:04 AM	7.04	160.29	85.42	11.62	152.09	10.37	0.41	2.80	122512.42	8.88	1078.21	325.79	22.40	401.71	282.10
10:05 AM	7.04	160.25	85.42	11.62	154.41	10.37	0.36	2.64	117748.28	9.11	758.49	330.82	21.71	402.52	282.00
10:06 AM	7.04	160.06	85.42	11.62	154.41	10.37	0.32	2.69	112888.98	9.15	718.93	326.77	21.85	393.20	280.26
10:07 AM	7.04	160.06	85.42	11.62	154.41	10.37	0.33	2.42	112847.87	9.08	736.84	325.07	23.08	386.00	280.46
10:08 AM	7.01	160.41	85.42	11.62	154.41	10.37	0.54	2.18	117329.35	9.00	1024.83	321.51	32.49	377.17	282.23
10:09 AM	7.01	160.55	85.42	11.52	154.02	10.37	0.54	2.42	119326.05	8.77	1072.10	337.37	25.07	363.21	281.10
10:10 AM	7.01	160.36	85.42	11.52	152.09	10.37	0.53	2.63	120672.98	8.95	861.15	338.62	19.36	350.06	278.75
10:11 AM	7.01	160.23	85.42	11.64	152.09	10.37	0.51	1.92	121480.30	9.06	849.93	339.41	16.50	342.01	275.13
10:12 AM	7.01	159.91	85.42	11.72	152.09	10.37	0.54	2.15	118237.23	9.10	840.04	337.40	15.39	334.19	273.21
10:13 AM	7.01	159.62	85.42	11.72	152.09	10.37	0.50	2.77	117076.78	9.38	606.60	345.48	15.00	326.74	271.95
10:14 AM	7.01	160.05	85.42	11.72	151.46	10.37	0.46	3.03	118776.33	9.65	536.63	339.88	17.43	314.28	272.75
10:15 AM	7.01	160.32	85.53	11.72	148.57	10.37	0.44	3.09	120456.32	9.48	687.84	342.61	20.95	298.37	271.29
10:16 AM	7.01	160.42	86.06	11.72	150.19	10.37	0.49	2.44	121281.17	9.07	1056.06	337.45	14.56	283.80	267.02
10:17 AM	7.01	160.26	86.06	11.72	150.19	10.37	0.49	1.97	122449.23	9.18	1012.10	335.82	11.71	271.31	263.74
10:18 AM	7.01	160.18	86.06	11.72	150.19	10.37	0.49	2.80	122198.02	9.36	780.90	338.80	12.46	261.54	260.26
10:19 AM	7.01	160.03	86.06	11.72	149.40	10.37	0.49	2.25	121691.05	9.47	729.38	339.22	10.47	254.45	258.64

R1 10/1/04	COAL MILL 1 COAL FEED TPH	COAL MILL 1 EXIT TEMP DEG F	COAL MILL 1 MOTOR POWER % FULL LOAD	COAL MILL 1 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
10:20 AM	7.01	160.14	86.06	11.72	146.50	10.37	0.49	2.95	120741.42	9.48	685.39	329.46	9.93	248.92	256.20
10:21 AM	7.01	160.10	86.06	11.72	152.61	10.37	0.49	3.21	119729.08	9.39	744.50	329.91	9.89	245.22	255.30
10:22 AM	7.01	160.23	86.06	11.72	156.82	10.37	0.49	2.58	121441.67	9.35	760.58	324.28	10.16	242.74	254.30
10:23 AM	7.01	160.29	86.06	11.72	154.20	10.37	0.49	2.18	119868.63	9.30	834.22	322.53	10.94	241.27	254.43
10:24 AM	7.01	160.25	86.06	11.72	151.72	10.37	0.49	2.12	120627.98	9.23	844.52	331.60	12.44	239.93	254.58
10:25 AM	7.01	160.08	86.06	11.72	151.33	10.37	0.49	2.51	118848.67	9.17	846.88	319.67	12.41	239.28	254.63
10:26 AM	7.01	160.19	86.06	11.72	149.71	10.37	0.49	3.03	119305.98	9.05	608.52	334.36	10.19	239.23	254.83
10:27 AM	7.01	160.39	86.06	11.72	150.99	10.37	0.49	2.86	120500.97	9.20	746.88	338.08	9.15	240.46	254.77
10:28 AM	7.01	160.49	86.06	11.72	149.14	10.37	0.47	2.12	116915.33	9.38	602.31	346.17	8.98	243.02	255.75
10:29 AM	7.01	160.38	86.06	11.72	151.30	10.37	0.48	1.84	116770.43	9.40	619.07	344.05	9.48	248.40	256.30
10:30 AM	7.01	160.44	85.73	11.72	151.70	10.37	0.49	1.91	115565.33	9.22	670.49	350.24	9.72	251.12	257.62
10:31 AM	7.01	160.43	84.05	11.72	153.29	10.37	0.49	2.35	116406.85	9.13	707.85	363.55	10.39	257.67	258.45
10:32 AM	7.01	160.37	84.05	11.72	152.03	10.37	0.49	2.61	116461.82	9.11	697.24	367.80	10.94	265.28	258.85
10:33 AM	7.01	160.38	84.44	11.72	155.16	10.37	0.49	2.68	118059.02	9.12	706.88	373.10	11.35	273.34	260.07
10:34 AM	7.01	160.43	86.39	11.72	154.64	10.37	0.49	3.15	115537.20	9.02	824.60	364.54	11.51	281.80	260.17
10:35 AM	7.01	160.38	86.39	11.72	152.05	10.37	0.49	2.06	114875.72	8.84	902.31	363.84	11.49	286.33	260.83
10:36 AM	7.01	160.47	86.39	11.72	152.05	10.37	0.49	1.79	114357.45	8.94	799.05	367.83	12.02	291.17	261.73
10:37 AM	7.01	160.60	86.39	11.72	152.05	10.37	0.49	2.21	114183.82	8.91	763.91	372.00	12.29	294.10	262.45
10:38 AM	7.01	160.64	86.39	11.72	152.05	10.37	0.49	2.92	115868.47	8.90	798.22	367.38	12.77	294.96	262.87
10:39 AM	7.01	160.45	86.39	11.72	152.05	10.37	0.49	2.75	116635.28	8.80	902.89	361.84	12.69	297.88	263.27
10:40 AM	7.01	160.10	86.39	11.72	152.05	10.37	0.47	2.93	115209.67	8.94	814.97	359.76	12.65	301.87	264.14
10:41 AM	7.01	159.78	86.39	11.72	152.05	10.37	0.52	2.67	117414.23	8.97	760.12	358.62	13.06	304.52	264.90
10:42 AM	7.01	159.40	86.39	11.72	151.52	10.37	0.52	1.92	116498.12	8.95	828.75	364.03	13.09	304.44	266.18
10:43 AM	7.01	159.30	86.39	11.72	149.49	10.37	0.52	2.07	115225.28	8.98	770.95	360.85	13.49	304.40	266.33
10:44 AM	7.01	159.12	86.39	11.71	149.49	10.37	0.52	2.75	116528.02	9.00	754.16	355.56	13.21	306.52	267.11
10:45 AM	7.01	159.11	86.39	11.65	149.49	10.37	0.51	2.93	116071.53	9.00	739.25	344.00	13.65	308.39	267.60
10:46 AM	7.01	159.09	86.39	11.65	149.49	10.37	0.45	2.91	117538.08	8.98	776.40	339.86	14.19	310.70	268.73
10:47 AM	7.01	159.22	86.39	11.65	149.49	10.37	0.49	2.89	116987.63	8.80	989.58	340.88	14.40	312.37	269.61
10:48 AM	7.01	158.97	86.56	11.65	150.10	10.37	0.49	2.20	115922.93	8.69	1257.64	335.47	14.48	319.74	270.26
10:49 AM	7.01	158.96	87.39	11.65	153.16	10.37	0.46	1.99	115509.16	8.65	1240.78	347.28	14.92	325.76	271.48
10:50 AM	7.01	158.88	87.39	11.65	153.16	10.37	0.46	2.48	113710.03	8.87	954.17	357.72	15.55	329.76	272.06
10:51 AM	7.01	156.71	87.39	11.65	153.16	10.37	0.46	2.91	113202.12	9.00	749.39	365.12	15.17	331.75	272.85
10:52 AM	7.04	158.54	87.39	11.65	153.16	10.37	0.46	3.02	114456.23	9.06	724.87	358.25	14.81	333.99	272.60
10:53 AM	7.21	158.82	87.39	11.65	153.16	10.37	0.46	2.42	116661.12	9.01	728.18	357.82	14.25	336.39	273.92
10:54 AM	7.21	159.68	87.39	11.65	153.16	10.37	0.46	1.99	119075.85	9.09	752.79	357.48	14.64	338.14	272.86
10:55 AM	7.21	158.54	87.39	11.85	152.84	10.37	0.47	2.58	118052.37	9.03	747.68	357.44	14.75	337.32	272.95
10:56 AM	7.21	158.61	87.39	11.65	151.21	10.37	0.50	2.93	114736.43	9.11	703.09	355.69	15.12	334.80	272.30
10:57 AM	7.21	158.60	87.39	11.65	150.58	10.37	0.51	2.61	114604.33	9.16	674.18	355.56	15.45	332.28	271.40
10:58 AM	7.21	158.50	87.39	11.65	148.18	10.37	0.54	1.61	113971.08	9.17	646.84	366.94	14.75	332.07	271.73
10:59 AM	7.21	158.34	87.39	11.86	152.00	10.37	0.50	1.77	118110.88	9.11	672.49	371.37	14.82	332.60	272.47
11:00 AM	7.21	158.52	87.39	11.70	152.00	10.37	0.47	2.40	114652.78	8.99	732.74	369.13	15.31	330.40	272.06
11:01 AM	7.21	158.89	87.39	11.70	152.00	10.37	0.48	2.42	113306.92	9.03	814.55	364.75	15.63	331.87	272.03
11:02 AM	7.21	159.23	87.39	11.70	152.00	10.37	0.54	2.84	116368.63	8.86	1004.14	353.42	15.13	333.05	272.38
11:03 AM	7.21	159.44	87.23	11.70	152.00	10.37	0.54	2.77	116038.15	8.88	1180.12	350.21	15.65	332.72	272.88
11:04 AM	7.21	159.56	86.43	11.70	152.00	10.37	0.54	2.81	114688.52	8.77	1018.33	361.26	17.19	332.31	272.76
11:05 AM	7.21	159.61	86.43	11.70	152.00	10.37	0.51	1.98	113411.83	8.71	1050.41	362.18	17.79	333.82	273.28
11:06 AM	7.21	159.84	86.43	11.70	152.00	10.37	0.50	2.58	114851.18	8.74	1045.58	357.47	18.81	336.79	273.41
11:07 AM	7.21	159.78	86.43	11.70	152.00	10.37	0.48	2.97	115457.12	8.84	913.84	353.18	16.44	339.07	274.48
11:08 AM	7.19	159.76	86.43	11.70	152.00	10.37	0.56	2.11	114164.03	8.99	753.58	359.22	16.04	337.00	274.87
11:09 AM	7.19	159.63	86.43	11.70	152.00	10.37	0.53	3.49	113526.52	9.10	702.32	362.37	15.49	335.74	275.59
11:10 AM	7.19	159.53	86.43	11.70	152.00	10.37	0.54	2.87	114739.43	9.08	744.37	358.68	15.31	335.61	275.79
11:11 AM	7.19	159.66	86.43	11.70	152.00	10.37	0.60	2.36	114308.85	8.95	838.50	361.11	15.82	336.18	276.45
11:12 AM	7.19	159.77	86.43	11.70	152.00	10.37	0.68	1.86	115075.77	8.83	1044.50	355.14	16.08	336.84	277.14
11:13 AM	7.19	159.75	86.43	11.70	152.00	10.37	0.71	2.75	115156.95	8.79	1116.49	356.23	16.83	335.78	277.53
11:14 AM	7.19	159.92	86.43	11.68	152.00	10.37	0.69	2.59	114894.82	8.77	947.05	361.27	15.96	334.14	278.98
11:15 AM	7.19	159.88	86.77	11.59	152.00	10.37	0.60	2.92	114029.13	9.08	756.25	372.61	16.10	331.91	278.02
11:16 AM	7.19	159.99	88.44	11.59	152.00	10.37	0.64	1.83	116411.50	8.96	743.58	378.16	15.96	331.01	278.50
11:17 AM	7.19	159.94	88.44	11.59	152.85	10.37	0.66	2.45	115227.57	9.00	903.38	363.37	16.61	331.46	277.55
11:18 AM	7.19	160.00	88.44	11.59	155.90	10.37	0.55	2.78	113907.78	8.96	817.81	357.20	16.48	331.22	277.39
11:19 AM	7.19	160.03	88.44	11.59	154.28	10.37	0.50	2.97	111979.27	9.07	759.01	367.53	16.63	334.40	276.97
11:20 AM	7.19	160.11	88.44	11.59	147.50	10.37	0.46	2.63	111916.88	9.01	796.16	366.66	16.20	335.47	276.25
11:21 AM	7.19	159.87	88.44	11.59	154.00	10.37	0.46	2.06	113085.00	8.90	962.92	368.17	16.01	339.20	276.34
11:22 AM	7.22	159.55	88.44	11.59	153.65	10.37	0.46	2.07	110943.73	8.99	836.42	377.37	16.38	341.78	276.91
11:23 AM	7.39	159.48	88.44	11.55	161.91	10.37	0.46	2.35	111831.30	8.88	870.85	372.92	16.57	342.37	277.51
11:24 AM	7.39	159.41	88.44	11.32	150.46	10.37	0.46	3.06	111390.50	8.85	875.66	374.94	16.38	341.88	277.78
11:25 AM	7.39	159.39	88.44	11.32	145.43	10.37	0.46	2.69	112215.17	8.65	1082.98	368.38	16.12	339.60	277.70
11:26 AM	7.39	159.27	88.44	11.32	155.99	10.37	0.46	3.32	113251.10	8.61	1325.00	369.99	15.85	340.22	277.24
11:27 AM	7.39	159.25	88.44	11.32	152.46	10.37	0.46	2.95	113927.82	8.58	1273.61	377.24	16.10	339.27	277.20
11:28 AM	7.39	159.11	88.44	11.32	151.97	10.37	0.46	1.89	114814.70	8.65	1147.65	375.52	16.26	339.88	277.98

R1 10/13/04	COAL MILL 1 COAL FEED TPH	COAL MILL 1 EXIT TEMP DEG F	COAL MILL 1 MOTOR POWER % FULL LOAD	COAL MILL 1 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
11:29 AM	7.39	159.03	88.44	11.32	149.54	10.37	0.46	1.85	113409.35	8.63	1125.10	372.75	16.64	340.70	278.44
11:30 AM	7.39	158.90	88.63	11.32	148.91	10.37	0.46	2.11	110864.15	8.65	1282.66	383.48	16.86	339.44	278.71
11:31 AM	7.39	158.90	89.57	11.32	146.17	10.37	0.46	2.64	110784.37	8.66	1261.18	365.15	16.42	338.46	278.64
11:32 AM	7.39	158.93	89.57	11.32	148.98	10.37	0.46	3.04	112195.10	8.83	1049.59	369.44	16.35	339.48	279.49
11:33 AM	7.39	159.01	89.57	11.32	153.35	10.37	0.46	1.53	113918.63	8.83	926.18	369.52	16.20	338.95	279.08
11:34 AM	7.39	158.83	89.57	11.32	153.35	10.37	0.45	1.87	115357.58	8.87	915.33	366.92	16.33	341.64	279.40
11:35 AM	7.39	158.83	89.57	11.32	153.35	10.37	0.39	2.77	115244.78	8.88	870.15	360.61	16.58	343.10	279.98
11:36 AM	7.39	158.83	89.23	11.32	153.35	10.37	0.40	2.96	115038.85	8.86	905.97	364.44	16.16	344.44	280.56
11:37 AM	7.39	158.81	87.51	11.32	152.86	10.37	0.45	2.85	112882.17	8.99	754.25	378.05	16.84	344.77	281.56
11:38 AM	7.41	158.67	87.51	11.36	149.96	10.37	0.52	2.06	112737.38	9.00	789.41	379.73	16.65	342.74	280.90
11:39 AM	7.41	158.60	87.51	11.56	148.15	10.37	0.62	2.68	113178.83	8.88	825.48	375.13	16.49	339.76	280.87
11:40 AM	7.41	158.56	87.51	11.58	152.11	10.37	0.57	2.76	113200.30	8.91	698.67	380.25	16.48	340.37	279.29
11:41 AM	7.41	158.74	87.51	11.56	158.57	10.37	0.71	2.73	112868.00	8.91	962.10	375.22	16.50	341.27	279.55
11:42 AM	7.41	159.09	87.51	11.56	154.59	10.37	0.77	2.36	114655.33	8.71	1396.36	362.90	18.71	340.62	279.12
11:43 AM	7.41	159.31	87.51	11.56	148.65	10.37	0.72	2.86	114550.92	8.67	1234.37	369.20	18.63	340.58	278.12
11:44 AM	7.41	159.50	87.51	11.56	146.86	10.37	0.75	2.94	115333.90	8.84	989.13	371.01	18.28	341.59	277.83
11:45 AM	7.41	159.59	87.51	11.56	150.84	10.37	0.75	1.95	113424.48	8.79	1059.64	373.95	17.96	342.49	278.17
11:46 AM	7.41	159.73	87.51	11.56	151.27	10.37	0.73	2.13	114314.00	8.69	1169.62	377.78	18.52	341.80	278.56
11:47 AM	7.41	159.90	87.51	11.56	152.87	10.37	0.63	2.01	114934.33	8.81	963.29	379.67	19.41	341.72	278.39
11:48 AM	7.41	160.11	87.51	11.56	150.76	10.37	0.55	2.62	114615.82	8.78	949.74	386.56	18.51	343.72	278.34
11:49 AM	7.41	159.95	87.51	11.56	152.86	10.37	0.53	2.99	115686.67	8.84	983.81	380.54	19.32	345.86	278.12
11:50 AM	7.41	160.06	87.51	11.56	151.30	10.37	0.56	3.00	114778.42	8.84	915.95	379.56	21.24	346.04	278.38
11:51 AM	7.41	160.21	87.37	11.56	154.87	10.37	0.46	2.92	114250.77	8.84	1036.72	373.05	22.86	344.57	279.04
11:52 AM	7.41	160.51	86.67	11.56	150.84	10.37	0.43	2.20	114835.97	8.73	1140.68	379.27	20.91	343.19	279.28
11:53 AM	7.42	160.52	86.67	11.55	150.84	10.37	0.53	2.75	113957.88	8.90	956.64	383.28	17.97	342.13	279.57
11:54 AM	7.42	160.60	86.67	11.48	150.84	10.37	0.56	2.85	115913.75	8.89	912.83	376.88	17.58	340.98	279.35
11:55 AM	7.42	160.67	86.67	11.48	150.84	10.37	0.51	3.36	112075.00	8.94	849.77	381.93	17.36	341.55	280.17
11:56 AM	7.42	160.72	86.67	11.48	150.84	10.37	0.51	1.68	112900.02	8.89	854.51	387.75	17.44	342.53	280.01
11:57 AM	7.42	160.65	86.67	11.48	150.84	10.37	0.53	2.36	114399.97	9.06	757.88	396.07	17.56	343.47	280.58
11:58 AM	7.42	160.57	86.67	11.48	150.84	10.37	0.61	2.91	114942.93	9.09	642.03	405.91	17.74	344.69	280.84
11:59 AM	7.42	160.49	86.67	11.48	150.84	10.37	0.60	2.95	114926.75	9.10	664.08	408.74	17.41	347.86	280.97
12:00 PM	7.42	160.74	86.67	11.48	150.84	10.37	0.68	1.92	113572.50	9.01	685.75	411.87	17.34	346.27	282.09
12:01 PM	7.42	160.82	86.67	11.48	150.84	10.37	0.62	2.06	112999.30	8.95	833.92	402.69	17.11	346.97	281.08
12:02 PM	7.42	160.88	86.67	11.48	150.84	10.37	0.51	2.39	114468.83	8.88	1027.75	402.28	17.01	345.99	281.40
12:03 PM	7.42	160.91	86.67	11.48	150.84	10.37	0.50	3.21	112988.72	8.83	934.67	406.91	17.39	348.39	279.79
12:04 PM	7.42	161.04	86.67	11.49	150.84	10.37	0.32	3.01	111608.83	8.74	890.78	402.46	17.41	349.13	279.67
12:05 PM	7.42	161.13	86.67	11.48	152.60	10.37	0.32	2.18	113125.35	8.65	1095.67	400.76	17.43	346.84	278.22
12:06 PM	7.42	161.25	86.69	11.48	153.49	10.37	0.32	2.83	112230.35	8.62	1115.66	393.23	16.83	348.52	277.23
12:07 PM	7.42	161.25	86.79	11.48	157.23	10.37	0.32	2.39	113198.28	8.77	885.85	391.64	16.67	350.18	277.81
12:08 PM	7.41	161.29	86.79	11.45	157.49	10.37	0.32	2.48	113461.52	8.86	748.64	403.82	17.09	351.32	278.13
12:09 PM	7.41	161.49	86.79	11.29	153.78	10.37	0.32	2.23	113853.47	8.86	791.23	398.36	17.06	350.55	278.34
12:10 PM	7.41	161.56	87.26	11.29	152.32	10.37	0.32	1.89	114473.08	8.75	1013.25	383.42	16.88	348.31	278.10
12:11 PM	7.41	161.33	89.25	11.29	152.32	10.37	0.32	2.24	116367.22	8.68	1047.17	381.09	16.83	346.57	278.21
12:12 PM	7.41	161.38	87.43	11.29	155.60	10.37	0.32	2.95	117320.50	8.78	981.26	384.89	16.95	348.52	278.40
12:13 PM	7.41	161.26	87.43	11.29	155.69	10.37	0.32	2.43	117222.73	8.61	1263.74	377.53	16.96	351.77	278.51
12:14 PM	7.41	160.91	87.77	11.29	152.05	10.36	0.32	2.17	115388.52	8.39	1759.38	366.14	16.81	355.02	278.69
12:15 PM	7.41	160.68	89.44	11.34	152.12	10.36	0.41	2.75	115288.67	8.61	1318.92	381.21	18.06	356.00	278.72
12:16 PM	7.41	160.43	89.44	11.58	154.83	10.36	0.46	2.43	115923.08	8.84	877.61	396.16	20.80	355.39	278.95
12:17 PM	7.41	160.32	89.44	11.58	155.80	10.36	0.54	2.28	115855.13	8.85	767.81	403.75	20.48	352.87	278.63
12:18 PM	7.41	160.03	89.44	11.58	153.27	10.36	0.53	2.96	112952.78	9.05	692.57	398.57	20.02	350.27	278.69
12:19 PM	7.41	159.85	89.44	11.58	152.00	10.36	0.54	2.92	115490.27	9.08	639.07	394.82	20.62	349.49	278.75
12:20 PM	7.41	159.81	89.44	11.58	152.00	10.36	0.66	2.00	114293.07	9.04	663.83	392.87	20.93	349.65	279.07
12:21 PM	7.41	159.63	89.44	11.58	152.00	10.36	0.73	2.79	113940.30	8.98	734.93	388.82	23.00	349.70	278.75
12:22 PM	7.41	159.68	89.44	11.58	152.00	10.36	0.63	2.70	112690.33	8.85	725.95	387.78	24.74	350.88	279.24
12:23 PM	7.39	159.91	89.44	11.58	152.00	10.36	0.58	1.66	112661.28	8.81	755.30	393.01	21.58	350.71	280.26
12:24 PM	7.39	159.74	89.44	11.58	153.30	10.36	0.55	2.02	113287.40	8.79	881.49	384.63	18.95	350.72	279.44
12:25 PM	7.39	159.56	89.44	11.58	152.00	10.36	0.58	2.99	111151.20	8.74	907.39	382.31	18.61	349.37	278.87
12:26 PM	7.39	159.59	89.44	11.58	152.84	10.36	0.53	2.77	112716.67	8.69	1118.56	367.42	18.82	347.37	278.21
12:27 PM	7.39	159.69	89.44	11.58	153.90	10.36	0.49	2.57	115385.63	8.61	1130.37	375.72	18.40	345.54	279.51
12:28 PM	7.39	159.57	89.44	11.58	153.90	10.36	0.49	2.24	113008.53	8.74	987.42	381.14	18.60	345.87	277.22
12:29 PM	7.39	159.62	89.31	11.58	150.53	10.37	0.47	2.69	111163.17	8.78	613.99	380.16	18.58	347.62	276.26
12:30 PM	7.39	159.55	88.64	11.56	155.77	10.37	0.51	2.85	111687.02	8.77	789.04	381.75	19.32	348.56	276.35
12:31 PM	7.39	159.49	88.64	11.48	157.81	10.37	0.50	2.22	113561.02	8.72	867.15	378.79	18.41	350.30	276.91
12:32 PM	7.39	159.50	88.64	11.48	154.83	10.37	0.49	2.65	112391.22	8.74	822.66	380.76	18.38	351.04	277.07
12:33 PM	7.39	159.56	88.64	11.48	153.62	10.37	0.49	2.52	113387.02	8.81	792.15	380.81	18.75	351.88	278.56
12:34 PM	7.39	159.54	88.64	11.48	152.17	10.37	0.54	2.12	112205.77	8.85	757.49	378.81	18.31	353.56	276.52
12:35 PM	7.39	159.39	88.64	11.48	151.44	10.37	0.61	2.56	112651.75	8.90	738.42	372.62	18.40	353.36	276.39
12:36 PM	7.39	159.28	88.64	11.48	151.44	10.37	0.59	2.80	113597.32	8.88	784.80	373.54	17.89	353.32	278.84
12:37 PM	7.39	159.32	88.64	11.48	151.44	10.37	0.63	2.14	112629.05	9.01	709.10	367.20	17.87	353.07	276.69
Averages	**7.14**	**159.58**	**86.44**	**11.60**	**152.71**	**10.39**	**0.56**	**2.49**	**116495.60**	**8.95**	**870.99**	**336.89**	**17.87**	**342.78**	**274.31**

STR04686

E-4

11/11/2004

SEA0381

AGCS2M001978

R2 10/13/04	COAL MILL 1 COAL FEED TPH	COAL MILL 1 EXIT TEMP DEG F	COAL MILL 1 MOTOR POWER % FULL LOAD	COAL MILL 1 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
1:38 PM	6.45	160.41	82.00	11.92	154.41	9.87	0.93	2.31	112579.18	8.56	1162.83	322.00	19.69	360.56	276.40
1:39 PM	6.45	161.32	82.00	11.92	154.41	9.87	0.82	2.53	112936.87	8.85	866.51	328.58	20.39	360.97	277.12
1:40 PM	6.45	162.95	82.00	11.97	154.91	9.87	0.63	2.09	112863.12	8.96	749.85	323.09	20.01	356.22	277.00
1:41 PM	6.45	163.88	82.00	12.24	156.98	9.87	0.58	1.90	113745.47	8.98	762.27	321.48	19.76	355.40	277.55
1:42 PM	6.45	164.19	82.00	12.29	154.74	9.90	0.58	1.62	111795.05	8.93	802.78	320.75	19.49	354.74	276.96
1:43 PM	6.45	163.78	82.00	12.53	154.74	10.07	0.58	3.97	113280.92	8.58	1149.10	307.19	19.29	355.76	277.37
1:44 PM	6.28	163.21	82.00	12.53	154.74	10.07	0.58	3.68	113228.10	8.48	1578.73	293.41	20.38	357.15	277.00
1:45 PM	5.45	162.77	82.00	12.53	154.74	10.07	0.58	3.64	113279.63	8.34	1983.71	287.39	20.46	359.01	277.53
1:46 PM	5.45	162.89	81.62	12.53	155.17	10.07	0.55	2.22	114476.83	8.33	2000.00	287.69	21.87	359.28	277.60
1:47 PM	5.45	163.98	79.19	12.53	157.29	10.07	0.33	1.94	115947.73	8.38	1895.66	304.90	22.47	359.79	278.26
1:48 PM	5.46	164.84	78.44	12.53	157.29	10.07	0.23	3.30	115837.67	8.55	1338.74	301.85	22.75	361.42	278.56
1:49 PM	5.45	164.75	76.44	12.53	156.97	10.07	0.23	2.27	114557.77	8.67	1173.16	308.67	22.37	361.14	279.54
1:50 PM	5.45	164.20	76.44	12.53	154.90	10.07	0.23	2.76	112420.40	8.59	1216.00	305.27	22.26	359.79	279.41
1:51 PM	5.45	163.46	76.44	12.53	153.12	10.07	0.23	3.29	113648.23	8.76	1105.18	305.27	23.28	360.53	279.98
1:52 PM	5.45	162.70	76.44	12.53	155.20	10.07	0.23	2.85	115200.30	8.98	818.78	300.31	23.40	362.11	280.54
1:53 PM	5.45	162.20	76.44	12.53	155.94	10.07	0.23	2.06	113547.38	8.92	907.21	295.08	23.20	361.62	281.01
1:54 PM	5.45	161.75	76.44	12.53	159.19	10.07	0.23	2.22	114427.23	8.84	1072.98	284.42	23.07	360.08	281.88
1:55 PM	5.45	161.20	76.44	12.53	157.42	10.07	0.23	2.92	114869.00	8.79	1162.79	288.00	23.95	360.15	281.86
1:56 PM	5.45	160.52	76.44	12.53	158.92	10.07	0.23	2.02	117977.20	8.58	1069.27	289.47	24.09	363.90	281.98
1:57 PM	5.45	160.09	76.44	12.55	156.66	10.05	0.23	1.67	117955.98	8.84	994.23	294.76	25.61	365.00	282.28
1:58 PM	5.45	159.74	76.44	12.63	153.25	9.97	0.23	1.95	116286.77	8.95	1007.89	292.83	27.64	363.09	281.05
1:59 PM	5.45	159.54	76.44	12.63	153.25	9.97	0.23	3.47	117353.13	8.93	1100.80	294.96	31.59	361.66	280.95
2:00 PM	5.43	159.37	76.44	12.57	153.25	9.97	0.23	3.71	116336.53	8.99	1293.91	287.64	35.75	361.34	279.27
2:01 PM	5.43	158.14	76.44	12.28	153.57	9.97	0.23	2.43	116394.52	8.82	961.48	291.39	31.53	359.79	279.05
2:02 PM	5.43	158.86	76.55	12.28	155.16	9.97	0.23	2.29	115975.32	8.88	843.11	294.86	24.11	360.00	279.25
2:03 PM	5.43	158.66	77.09	12.28	154.77	9.97	0.23	3.01	113822.00	8.88	785.08	300.50	21.67	359.18	279.03
2:04 PM	5.43	158.50	77.09	12.28	153.49	9.97	0.23	2.73	114147.23	8.90	799.73	296.61	20.59	360.53	279.15
2:05 PM	5.43	158.27	77.09	12.28	156.42	9.97	0.23	1.91	114632.20	8.91	832.43	286.49	20.54	362.15	279.35
2:06 PM	5.43	158.06	77.09	12.28	153.72	9.97	0.23	2.56	115639.30	8.98	797.42	287.66	19.94	362.19	279.51
2:07 PM	5.43	158.29	77.09	12.32	153.72	9.97	0.23	2.57	116927.72	9.08	697.97	286.02	20.09	362.19	279.05
2:08 PM	5.43	158.56	77.09	12.53	153.72	9.97	0.23	2.95	114029.55	9.10	654.20	286.05	19.41	360.89	279.19
2:09 PM	5.43	158.87	77.09	12.53	153.72	9.97	0.23	2.77	115616.30	9.11	712.21	277.73	19.07	359.50	279.74
2:10 PM	5.43	159.14	77.09	12.53	153.72	9.97	0.23	3.39	114567.22	8.98	915.55	266.42	19.04	359.47	278.95
2:11 PM	5.43	159.56	77.09	12.53	153.72	9.97	0.23	2.57	115209.52	8.75	1314.96	259.65	18.93	358.44	278.79
2:12 PM	5.43	159.60	77.09	12.53	153.72	9.95	0.23	2.11	116614.23	8.72	1612.14	259.70	19.42	359.26	279.29
2:13 PM	5.43	159.81	77.09	12.53	153.72	9.87	0.23	2.13	116799.27	8.57	1525.56	256.56	20.44	358.65	279.35
2:14 PM	5.43	159.94	77.09	12.49	153.72	9.87	0.23	2.69	117006.73	8.46	1578.90	254.57	19.83	360.72	279.63
2:15 PM	5.42	159.89	77.09	12.26	153.72	9.87	0.23	3.26	116909.77	8.70	1405.75	258.60	20.12	361.09	279.91
2:16 PM	5.42	159.93	77.09	12.26	153.72	9.87	0.23	2.76	115979.32	8.70	1299.23	258.26	22.03	362.06	280.10
2:17 PM	5.42	159.93	77.16	12.26	153.72	9.87	0.23	2.36	113730.82	8.77	1135.62	247.96	22.62	363.00	281.01
2:18 PM	5.42	159.89	77.49	12.26	153.72	9.87	0.23	2.46	114397.65	8.82	578.15	244.38	22.48	363.45	280.95
2:19 PM	5.42	159.72	77.49	12.26	153.72	9.87	0.23	2.19	112633.43	9.24	661.19	242.84	21.81	362.78	280.74
2:20 PM	5.42	159.73	77.49	12.26	153.72	9.87	0.23	2.34	113837.63	9.27	858.95	243.12	22.40	363.78	280.32
2:21 PM	5.42	159.47	77.49	12.26	153.72	9.90	0.23	2.03	114286.20	9.30	663.70	245.83	23.94	365.73	279.64
2:22 PM	5.42	159.34	77.49	12.26	153.72	10.06	0.23	3.11	114432.95	9.17	734.67	247.39	25.85	365.12	279.61
2:23 PM	5.42	159.34	77.49	12.26	153.72	10.06	0.23	3.43	113976.67	9.03	822.73	247.03	24.17	363.98	277.51
2:24 PM	5.42	159.38	77.49	12.26	153.72	10.06	0.23	2.46	115163.77	8.93	832.24	253.92	21.55	363.57	277.32
2:25 PM	5.42	159.62	77.49	12.26	153.72	10.06	0.23	2.24	115789.15	8.96	921.72	251.51	20.65	364.59	278.12
2:26 PM	5.42	159.91	77.49	12.26	153.72	10.06	0.23	3.30	114759.07	8.82	1202.93	243.59	20.57	364.47	278.40
2:27 PM	5.42	159.81	77.49	12.26	153.72	10.06	0.23	3.18	112817.67	8.75	1518.02	242.63	20.11	363.58	278.38
2:28 PM	5.42	159.84	77.49	12.26	153.72	10.06	0.23	3.54	113554.62	8.81	1292.72	253.10	20.20	362.44	278.26
2:29 PM	5.42	159.40	77.49	12.29	153.15	10.06	0.23	2.42	114350.97	8.98	927.52	254.91	20.02	364.23	278.92
2:30 PM	5.43	159.03	77.49	12.42	150.28	10.06	0.23	2.27	115120.47	9.13	749.08	254.57	20.31	366.14	278.89
2:31 PM	5.43	159.29	77.49	12.42	150.28	10.06	0.23	2.92	114147.87	8.97	659.73	256.56	19.78	366.26	279.86
2:32 PM	5.43	159.40	77.34	12.42	150.28	10.06	0.23	2.43	112733.95	8.94	870.21	257.32	19.91	364.96	279.81
2:33 PM	5.43	159.40	76.60	12.42	150.28	10.06	0.23	2.82	113160.92	8.91	936.68	245.87	20.17	365.73	280.50
2:34 PM	5.43	159.71	76.60	12.42	150.28	10.06	0.23	3.46	113198.58	8.90	922.32	248.21	20.50	366.62	281.03
2:35 PM	5.43	159.69	76.60	12.42	150.28	10.06	0.23	2.22	113253.42	8.83	967.14	250.33	20.87	366.79	281.97
2:36 PM	5.43	159.55	76.60	12.42	150.28	10.06	0.23	2.42	113107.50	9.01	897.57	247.62	20.83	365.73	282.20
2:37 PM	5.43	159.53	76.60	12.42	149.94	10.07	0.23	2.45	115832.08	9.07	857.69	243.96	20.67	366.42	283.04
2:38 PM	5.43	159.69	76.60	12.42	148.24	10.07	0.23	3.02	115167.82	9.03	906.10	242.88	20.87	365.69	283.52
2:39 PM	5.43	159.55	76.60	12.42	148.24	10.07	0.23	2.58	114570.37	8.96	1015.39	240.04	20.98	365.04	283.48
2:40 PM	5.43	158.49	76.60	12.42	148.24	10.07	0.23	2.67	113375.75	8.88	1166.80	243.30	20.52	365.04	284.48
2:41 PM	5.43	159.50	76.60	12.42	148.24	10.07	0.23	1.87	115701.38	9.01	958.06	253.25	20.82	366.71	284.62
2:42 PM	5.43	159.56	76.60	12.42	147.92	10.07	0.23	2.72	113672.50	8.92	944.63	259.05	20.44	370.65	284.61
2:43 PM	5.43	159.56	76.60	12.42	146.29	10.07	0.23	2.81	114384.07	9.03	900.05	259.98	20.31	374.23	284.15
2:44 PM	5.43	159.60	76.60	12.41	146.29	10.07	0.23	2.44	115615.83	9.14	802.53	247.62	20.07	375.05	283.84
2:45 PM	5.44	159.74	76.60	12.37	146.29	10.07	0.23	1.99	117323.78	9.11	781.77	260.52	20.18	375.50	284.00

STR04686

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11/11/2004

SEA0382

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R2 10/13/04	COAL MILL 1 COAL FEED TPH	COAL MILL 1 EXIT TEMP DEG F	COAL MILL 1 MOTOR POWER % FULL LOAD	COAL MILL 1 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
2:46 PM	5.44	159.58	76.60	12.37	145.87	10.07	0.23	2.47	116816.05	9.01	860.18	273.41	19.72	372.45	282.77
2:47 PM	5.44	159.54	76.66	12.37	143.79	10.07	0.23	2.72	114203.92	8.97	735.35	289.02	19.95	371.92	281.86
2:48 PM	5.44	159.40	76.97	12.37	144.18	10.07	0.23	2.44	113594.75	9.14	634.90	296.00	19.61	374.65	282.40
2:49 PM	5.44	159.35	76.97	12.37	146.11	10.07	0.23	2.34	112482.70	9.17	697.47	298.90	19.79	376.15	282.82
2:50 PM	5.44	159.41	76.97	12.37	146.11	10.07	0.23	2.98	113483.23	9.15	670.60	295.88	19.90	375.83	283.53
2:51 PM	5.44	159.40	76.97	12.37	146.11	10.07	0.23	1.66	113303.73	8.95	824.51	295.48	19.77	372.36	283.26
2:52 PM	5.44	159.35	76.97	12.37	145.77	10.07	0.23	2.05	114066.73	9.07	776.74	286.06	19.79	373.38	283.19
2:53 PM	5.44	159.41	76.97	12.37	144.07	10.07	0.23	2.20	115111.67	9.07	717.79	288.72	20.07	373.30	283.27
2:54 PM	5.44	159.41	76.97	12.37	144.07	10.07	0.23	2.40	115300.00	9.01	758.97	299.48	20.02	372.57	284.43
2:55 PM	5.44	159.42	76.97	12.37	144.63	10.07	0.23	2.76	116264.87	8.97	781.74	310.01	20.87	370.90	284.29
2:56 PM	5.44	159.54	76.97	12.37	148.07	10.07	0.23	2.95	115420.18	8.94	816.19	311.38	20.67	370.33	284.71
2:57 PM	5.44	159.74	76.97	12.37	150.34	10.07	0.23	2.36	117642.38	8.98	736.32	313.43	21.07	368.62	284.83
2:58 PM	5.44	159.59	76.97	12.37	145.82	10.07	0.23	2.11	116578.27	9.02	818.13	311.89	20.73	368.86	285.89
2:59 PM	5.44	159.72	76.97	12.37	148.72	10.07	0.23	2.93	115178.26	8.98	1060.46	313.34	21.06	367.07	285.81
3:00 PM	5.44	159.81	76.97	12.34	146.12	10.07	0.23	2.00	116351.37	9.02	790.34	320.01	20.77	366.95	288.29
3:01 PM	5.44	159.92	76.97	12.34	143.85	10.07	0.23	2.10	116901.08	8.89	702.53	328.85	21.16	364.96	288.22
3:02 PM	5.44	159.84	77.01	12.34	141.89	10.07	0.23	2.80	116912.25	9.03	678.21	330.32	20.93	362.97	286.07
3:03 PM	5.44	159.74	77.21	12.34	144.63	10.07	0.23	2.09	114013.68	9.13	608.09	336.14	20.78	362.44	287.19
3:04 PM	5.44	159.60	77.21	12.34	146.53	10.07	0.23	3.01	115136.98	9.24	624.02	338.60	20.42	364.23	287.16
3:05 PM	5.44	159.81	77.21	12.34	146.96	10.07	0.23	3.14	116378.28	9.17	655.26	342.11	19.90	366.55	287.59
3:06 PM	5.44	159.84	77.21	12.34	149.12	10.07	0.23	2.71	119638.13	9.13	754.31	338.97	20.56	369.40	286.97
3:07 PM	5.44	159.99	77.21	12.34	148.78	10.07	0.23	3.31	118566.47	9.02	843.01	340.77	20.00	371.19	286.26
3:08 PM	5.44	159.93	77.21	12.34	146.52	10.07	0.23	2.89	113985.20	9.00	800.57	344.17	20.10	369.60	285.85
3:09 PM	5.44	159.97	77.21	12.34	144.15	10.07	0.23	3.18	113722.27	8.89	676.63	343.65	20.03	367.49	284.40
3:10 PM	5.44	160.14	77.21	12.34	145.84	10.07	0.23	1.70	112916.87	8.72	1131.38	341.46	18.98	366.06	283.96
3:11 PM	5.44	160.07	77.21	12.34	143.06	10.07	0.23	2.00	113945.10	8.74	1090.96	344.16	20.14	366.14	284.44
3:12 PM	5.44	160.07	77.21	12.34	139.00	10.07	0.23	2.50	114555.35	8.76	938.25	346.15	20.61	367.07	284.24
3:13 PM	5.44	160.07	77.21	12.34	143.43	10.07	0.23	2.80	115498.77	8.81	901.49	344.92	20.97	370.09	284.44
3:14 PM	5.43	160.03	77.21	12.36	146.86	10.07	0.23	2.68	111962.88	8.78	759.12	345.20	20.71	372.00	284.20
3:15 PM	5.37	159.83	77.21	12.48	144.75	10.07	0.23	2.66	111593.87	9.06	649.59	346.93	20.39	371.35	284.17
3:16 PM	5.37	159.71	77.21	12.45	147.92	10.07	0.23	3.44	112266.90	9.06	649.78	350.05	20.22	365.12	283.99
3:17 PM	5.37	159.73	77.10	12.48	147.92	10.07	0.23	2.52	112996.47	9.02	687.62	346.21	20.21	359.87	284.38
3:18 PM	5.37	159.86	76.52	12.48	147.92	10.07	0.23	2.51	114123.10	8.94	736.43	331.67	20.19	356.45	283.73
3:19 PM	5.37	159.95	76.52	12.48	147.92	10.07	0.23	2.13	113139.78	8.94	731.93	338.14	19.61	353.28	284.34
3:20 PM	5.37	160.07	76.52	12.48	147.92	10.07	0.23	2.28	115248.82	8.97	671.21	346.73	19.64	352.06	284.00
3:21 PM	5.37	160.03	76.52	12.48	147.92	10.07	0.23	2.20	116150.35	8.96	747.36	340.13	19.17	353.68	284.47
3:22 PM	5.37	159.86	76.52	12.48	147.92	10.07	0.23	2.58	112807.30	9.04	677.67	348.08	19.54	351.20	284.30
3:23 PM	5.37	159.99	76.52	12.44	147.92	10.07	0.23	2.36	112445.97	9.07	650.20	348.28	18.94	348.55	284.82
3:24 PM	5.37	160.29	76.52	12.22	147.92	10.07	0.23	3.14	114421.72	9.03	620.28	363.37	19.83	346.64	285.08
3:25 PM	5.37	160.32	76.52	12.22	147.92	10.07	0.23	2.97	114256.08	8.98	707.87	358.31	19.02	347.13	285.25
3:26 PM	5.37	160.43	76.52	12.22	147.92	10.07	0.23	2.70	111330.00	8.98	706.87	360.23	19.25	346.44	285.83
3:27 PM	5.37	160.35	76.52	12.22	147.92	10.07	0.23	2.16	112057.92	9.04	685.92	362.83	19.54	345.99	285.84
3:28 PM	5.37	160.20	76.52	12.22	147.92	10.07	0.23	2.30	113269.05	9.07	581.55	369.00	19.58	346.03	286.33
3:29 PM	5.38	160.08	76.52	12.22	147.92	10.07	0.23	2.85	112561.83	9.17	572.78	370.16	19.94	347.37	285.11
3:30 PM	5.41	160.11	76.52	12.22	148.98	10.07	0.23	3.24	115074.92	9.12	600.97	370.73	19.54	347.46	285.14
3:31 PM	5.41	159.89	76.52	12.22	153.17	10.07	0.23	3.00	114528.53	9.33	552.91	374.33	19.48	344.77	283.99
3:32 PM	5.41	159.76	76.68	12.22	147.30	10.07	0.23	2.45	111546.97	9.29	540.02	366.10	18.71	344.86	282.43
3:33 PM	5.41	160.00	77.49	12.22	144.90	10.07	0.23	1.78	113358.07	9.21	574.10	373.30	18.44	346.36	282.70
3:34 PM	5.41	160.04	77.49	12.22	142.00	10.07	0.23	1.95	112579.20	9.07	685.14	375.87	18.32	348.52	283.02
3:35 PM	5.41	160.26	77.49	12.22	143.57	10.07	0.23	1.80	115135.05	8.81	954.43	368.15	18.89	344.98	283.18
3:36 PM	5.41	160.45	77.49	12.22	158.84	10.07	0.23	1.64	114284.47	8.71	1296.77	357.61	19.14	343.31	282.77
3:37 PM	5.41	160.51	77.49	12.22	151.31	10.07	0.23	2.99	115693.38	8.55	1406.33	364.61	19.43	343.35	282.91
3:38 PM	5.41	160.54	77.49	12.26	145.78	10.07	0.23	2.81	113381.75	8.69	1077.49	377.70	20.29	344.88	282.75
3:39 PM	5.41	160.65	77.49	12.47	145.02	10.07	0.23	2.17	112106.33	8.74	872.06	382.73	20.47	346.57	282.68
3:40 PM	5.41	160.61	77.49	12.47	141.24	10.07	0.23	1.70	112211.98	8.74	976.08	375.73	20.52	347.91	283.70
3:41 PM	5.41	160.72	77.49	12.47	141.91	10.07	0.23	2.42	116301.08	8.62	1338.42	368.25	21.04	347.62	283.97
3:42 PM	5.41	160.64	77.49	12.47	145.91	10.07	0.23	2.37	118052.57	8.63	1366.99	369.16	21.01	347.58	284.45
3:43 PM	5.41	160.49	77.49	12.47	148.67	10.07	0.23	2.78	119181.07	8.74	983.50	377.64	21.24	343.95	284.38
3:44 PM	5.42	160.38	77.49	12.47	147.02	10.07	0.23	3.20	112485.22	8.89	874.03	382.58	20.52	341.88	285.01
3:45 PM	5.45	160.45	77.49	12.47	149.03	10.07	0.23	2.82	114075.68	8.87	910.15	382.46	20.75	341.47	284.63
3:46 PM	5.45	160.56	77.49	12.47	148.42	10.07	0.23	2.15	112974.42	8.98	751.49	390.48	20.54	345.83	285.21
3:47 PM	5.45	160.81	77.36	12.47	144.74	10.07	0.23	1.75	113374.82	8.97	723.46	393.15	20.61	347.13	285.76
3:48 PM	5.45	160.81	76.68	12.47	142.02	10.07	0.23	2.06	114013.27	8.92	611.25	391.81	20.37	346.03	285.61
3:49 PM	5.45	160.87	76.68	12.47	144.07	10.07	0.23	2.88	111388.00	8.77	918.98	393.39	19.96	343.49	286.42
3:50 PM	5.45	161.24	76.32	12.52	144.61	10.07	0.23	2.27	114085.32	8.81	685.82	388.10	20.25	342.94	285.69
3:51 PM	5.45	161.66	74.51	12.74	146.71	10.07	0.23	2.85	114561.38	8.90	736.08	406.35	19.86	344.98	286.04
3:52 PM	5.45	161.89	74.51	12.74	146.71	10.07	0.23	3.37	115164.17	8.97	784.46	408.29	19.76	347.01	284.69
3:53 PM	5.45	161.76	74.51	12.74	146.71	10.07	0.23	2.70	114406.15	8.94	727.14	410.48	19.57	347.21	284.70

R2 10/13/04	COAL MILL 1 COAL FEED TPH	COAL MILL 1 EXIT TEMP DEG F	COAL MILL 1 MOTOR POWER % FULL LOAD	COAL MILL 1 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
3:54 PM	5.45	161.32	74.51	12.74	147.08	10.07	0.23	2.52	115233.48	8.94	741.79	415.33	20.04	348.15	284.08
3:55 PM	5.45	160.91	74.51	12.74	148.58	10.07	0.23	2.07	115313.57	8.95	881.62	426.16	20.14	347.90	283.07
3:56 PM	5.45	160.74	74.51	12.74	146.76	10.07	0.23	2.54	113899.20	8.89	743.96	426.39	19.55	348.88	283.65
3:57 PM	5.45	160.77	74.51	12.74	146.76	10.07	0.23	2.83	112522.82	8.76	951.57	412.04	19.94	349.90	284.18
3:58 PM	5.45	160.57	74.51	12.74	145.35	10.07	0.23	2.92	110947.92	8.80	917.42	423.66	20.22	350.84	284.19
3:59 PM	5.41	160.44	74.51	12.74	144.30	10.07	0.23	2.61	111164.92	8.81	1030.75	409.78	20.69	349.90	284.07
4:00 PM	5.21	160.42	74.51	12.74	144.30	10.07	0.23	1.70	112556.57	8.93	1317.08	409.36	20.53	347.05	283.50
4:01 PM	5.21	160.32	74.51	12.74	143.72	10.07	0.23	2.20	113372.08	8.63	1131.59	415.49	20.28	345.79	283.62
4:02 PM	5.21	160.40	74.51	12.74	141.49	10.07	0.23	2.87	115183.65	8.87	1117.14	418.68	20.44	344.61	283.88
4:03 PM	5.21	160.20	74.51	12.74	144.85	10.07	0.23	3.06	113734.37	8.85	917.74	421.61	20.69	344.69	284.31
4:04 PM	5.21	160.02	74.51	12.74	145.22	10.07	0.23	2.92	115952.92	8.95	728.30	423.58	20.81	344.16	284.52
4:05 PM	5.21	159.74	74.67	12.73	147.08	10.07	0.23	1.89	114786.27	9.13	639.81	427.24	20.38	344.81	284.80
4:06 PM	5.21	159.54	75.48	12.69	147.08	10.07	0.23	2.74	115722.25	9.10	615.07	432.26	19.91	346.40	284.98
4:07 PM	5.21	159.45	75.48	12.69	146.54	10.07	0.23	2.98	114966.70	9.08	636.49	418.60	19.96	348.07	285.76
4:08 PM	5.21	159.62	75.48	12.69	144.24	10.07	0.23	2.22	117308.85	8.99	689.68	427.42	19.83	347.54	286.02
4:09 PM	5.21	159.55	75.48	12.69	146.29	10.07	0.23	1.97	115244.60	9.08	628.06	434.04	19.83	349.21	286.02
4:10 PM	5.21	159.47	75.48	12.69	146.29	10.07	0.27	1.83	115821.12	9.10	614.93	438.07	19.94	350.67	286.12
4:11 PM	5.21	159.35	75.48	12.69	146.29	10.07	0.29	2.45	113521.08	9.10	610.52	431.40	20.01	351.44	286.81
4:12 PM	5.21	159.42	75.48	12.69	145.29	10.07	0.27	2.68	112058.27	9.10	581.37	434.03	20.67	348.80	287.65
4:13 PM	5.21	159.49	75.48	12.69	146.29	10.07	0.26	2.64	113825.27	9.05	609.20	421.13	20.80	346.35	286.79
4:14 PM	5.22	159.47	75.48	12.69	146.29	10.07	0.28	2.61	113010.35	8.94	599.21	415.53	19.11	344.32	287.25
4:15 PM	5.24	159.32	75.48	12.69	148.29	10.07	0.26	2.16	113031.27	9.08	684.89	402.66	19.07	344.32	285.91
4:16 PM	5.24	159.20	75.48	12.69	146.29	10.07	0.26	2.58	115348.57	9.07	615.46	416.37	20.03	344.52	286.36
4:17 PM	5.24	159.31	75.48	12.69	146.29	10.07	0.26	2.93	116238.73	9.12	591.81	413.46	20.50	345.70	285.06
4:18 PM	5.24	159.48	75.48	12.69	146.29	10.07	0.26	2.83	115919.25	8.95	658.68	415.02	20.04	346.77	284.16
4:19 PM	5.24	159.40	75.48	12.69	146.29	10.07	0.26	2.56	115795.05	8.88	757.17	418.25	20.33	348.56	284.15
4:20 PM	5.24	159.35	75.48	12.70	146.29	10.07	0.26	3.10	113348.73	9.06	872.71	407.08	20.25	351.51	284.24
4:21 PM	5.24	159.40	75.48	12.77	146.29	10.07	0.26	1.93	113870.15	9.02	750.36	404.67	19.88	352.59	284.49
4:22 PM	5.24	159.32	75.48	12.77	146.29	10.07	0.26	2.54	112245.78	8.98	795.14	405.30	20.38	352.30	284.53
4:23 PM	5.24	159.19	75.48	12.77	146.71	10.07	0.26	3.07	115717.62	9.02	660.38	423.01	20.55	352.05	284.66
4:24 PM	5.24	159.18	75.48	12.77	148.48	10.07	0.26	2.91	117190.97	9.08	651.89	419.99	20.58	352.38	284.51
4:25 PM	5.24	159.11	75.48	12.77	147.20	10.07	0.26	2.81	114598.15	8.95	682.39	406.07	20.63	349.41	284.46
4:26 PM	5.24	159.10	75.48	12.77	148.50	10.07	0.26	3.03	113257.22	8.95	703.60	419.80	20.79	346.56	284.78
4:27 PM	5.24	159.38	75.48	12.77	145.32	10.07	0.24	2.16	113559.17	8.81	847.73	406.16	20.90	344.83	284.78
4:28 PM	5.24	159.56	75.48	12.77	141.28	10.07	0.23	2.60	113940.03	8.82	1250.35	381.33	21.38	341.11	285.00
4:29 PM	5.24	159.56	75.48	12.77	145.23	10.07	0.23	2.83	111741.12	8.48	1487.10	372.07	21.56	337.53	284.59
4:30 PM	5.23	159.56	75.48	12.77	145.74	10.07	0.26	2.50	111935.58	8.64	1228.38	388.07	22.15	338.85	285.05
4:31 PM	5.23	159.55	75.48	12.77	148.82	10.07	0.27	2.40	112356.00	8.69	1014.24	401.61	21.89	338.91	284.94
4:32 PM	5.23	159.50	75.48	12.77	151.91	10.07	0.27	2.72	112317.55	8.80	848.79	398.37	21.73	338.30	285.69
4:33 PM	5.23	159.50	75.48	12.77	153.13	10.07	0.27	2.78	113988.62	9.10	600.21	417.00	21.91	336.90	285.90
4:34 PM	5.23	159.17	75.48	12.77	148.30	10.07	0.27	2.77	113025.23	9.20	542.90	422.82	21.20	333.58	285.36
4:35 PM	5.23	159.04	75.41	12.77	146.59	10.07	0.27	1.84	111610.52	9.04	588.89	430.57	21.35	330.98	286.37
4:36 PM	5.23	159.01	75.03	12.75	148.78	10.07	0.27	2.04	113169.92	8.91	713.08	423.11	22.18	330.08	285.78
4:37 PM	5.23	159.18	75.03	12.75	146.25	10.07	0.27	2.59	113605.35	8.86	720.99	419.31	22.76	329.92	286.27
4:38 PM	5.23	159.15	75.03	12.75	146.25	10.07	0.27	2.98	113981.60	8.85	755.58	430.34	23.71	331.55	284.61
4:39 PM	5.23	159.26	75.03	12.75	146.25	10.07	0.27	2.60	114018.07	8.78	843.64	430.84	25.28	334.15	284.75
4:40 PM	5.23	159.34	75.03	12.75	146.25	10.07	0.27	3.33	114358.15	8.84	830.42	433.29	26.26	336.86	283.46
4:41 PM	5.23	159.33	75.03	12.75	146.25	10.07	0.27	2.66	113034.02	8.79	937.59	423.46	26.11	336.38	282.76
4:42 PM	5.23	159.26	75.03	12.75	148.25	10.07	0.27	1.83	113494.28	8.85	874.35	431.55	24.89	334.23	283.18
4:43 PM	5.23	159.23	75.03	12.75	146.25	10.07	0.24	2.38	112296.28	8.86	819.49	426.46	23.67	332.52	282.75
4:44 PM	5.23	159.44	75.03	12.75	146.25	10.07	0.23	2.85	112144.15	8.83	917.54	421.60	23.13	332.48	282.61
4:45 PM	5.23	159.56	75.03	12.75	146.25	10.07	0.23	3.14	113787.30	8.84	915.27	419.63	23.01	334.72	282.48
4:46 PM	5.23	159.55	75.03	12.75	146.71	10.07	0.23	2.36	116601.22	8.89	854.21	412.50	22.68	337.28	283.08
4:47 PM	5.23	159.47	75.03	12.75	148.16	10.07	0.23	2.07	115219.72	9.00	763.70	421.19	22.75	340.26	282.98
4:48 PM	5.23	159.35	75.03	12.75	144.96	10.07	0.23	2.29	115000.90	8.91	818.92	424.92	22.55	342.04	283.02
4:49 PM	5.23	159.42	75.03	12.75	149.69	10.07	0.23	2.45	114005.12	9.07	722.55	427.03	22.57	342.98	283.27
4:50 PM	5.23	159.48	74.91	12.74	145.65	10.07	0.23	2.12	115352.45	9.07	819.57	430.88	22.34	343.71	283.34
4:51 PM	5.23	159.40	74.31	12.69	148.99	10.07	0.23	2.63	113902.98	9.19	581.31	444.68	21.98	344.65	283.87
4:52 PM	5.23	159.34	74.31	12.69	152.24	10.07	0.23	3.05	113237.02	9.09	625.59	450.12	21.51	348.81	283.95
4:53 PM	5.23	159.35	74.31	12.69	153.32	10.07	0.23	3.21	113611.08	8.96	804.03	431.15	21.39	349.41	284.45
4:54 PM	5.23	159.40	74.31	12.69	147.43	10.07	0.23	2.32	112697.12	8.82	849.83	433.28	21.68	348.88	284.21
4:55 PM	5.23	159.34	74.31	12.69	149.49	10.07	0.23	1.72	113132.83	8.77	845.25	435.56	21.69	346.72	284.54
4:56 PM	5.23	159.34	74.31	12.69	146.15	10.07	0.23	2.22	114141.73	8.67	854.78	444.63	21.52	344.24	284.63
Averages	**5.40**	**160.04**	**76.57**	**12.49**	**148.86**	**10.05**	**0.25**	**2.56**	**114293.49**	**8.92**	**880.16**	**345.62**	**21.06**	**354.81**	**283.02**

STR04686

E-7

11/11/2004

SEA0384

AGCS2M001981

R3 10/11/04	COAL MILL 1 COAL FEED TPH	COAL MILL 1 EXIT TEMP DEG F	COAL MILL 1 MOTOR POWER % FULL LOAD	COAL MILL 1 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DACFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
5:50 PM	5.21	159.33	74.55	12.53	146.18	10.07	0.46	2.71	115059.17	8.93	814.50	355.72	18.97	336.43	279.08
5:51 PM	5.21	159.26	74.55	12.53	149.48	10.07	0.47	2.92	115971.97	8.94	784.86	354.63	18.63	335.00	279.31
5:52 PM	5.21	159.18	74.55	12.53	147.78	10.07	0.47	2.41	113848.15	8.93	794.38	360.04	19.22	336.26	279.48
5:53 PM	5.21	159.12	74.62	12.53	147.35	10.07	0.47	2.58	115320.30	8.88	762.60	352.40	19.56	337.32	279.99
5:54 PM	5.21	159.13	74.99	12.53	145.61	10.07	0.47	2.52	113732.08	9.04	668.25	356.09	19.36	336.39	279.43
5:55 PM	5.21	159.20	74.99	12.53	147.36	10.07	0.47	1.82	114107.65	8.98	725.22	347.16	18.53	335.62	279.85
5:56 PM	5.21	159.26	74.99	12.53	146.57	10.07	0.47	2.79	118931.73	9.01	777.31	359.09	18.92	335.33	279.65
5:57 PM	5.21	159.19	74.99	12.63	150.48	10.07	0.45	2.38	116718.90	9.04	1047.97	350.77	18.61	338.13	279.93
5:58 PM	5.21	159.18	74.99	12.53	144.61	10.07	0.44	1.81	117050.98	9.07	727.79	361.52	18.41	339.03	280.32
5:59 PM	5.22	159.13	74.99	12.53	150.70	10.07	0.44	2.27	116528.05	9.08	710.53	367.22	19.42	339.48	280.80
6:00 PM	5.24	159.19	74.99	12.53	149.03	10.07	0.40	2.91	116126.05	9.04	742.71	365.93	18.98	339.60	280.87
6:01 PM	5.24	159.18	74.99	12.53	149.03	10.07	0.33	3.33	116492.97	8.94	852.40	372.31	19.46	338.87	281.07
6:02 PM	5.24	159.13	74.99	12.53	149.03	10.07	0.28	1.85	114693.23	8.86	889.36	369.03	19.39	337.20	281.15
6:03 PM	5.24	159.20	74.99	12.53	149.03	10.07	0.27	2.70	113928.23	8.84	890.65	372.86	18.96	336.88	281.19
6:04 PM	5.24	159.22	74.99	12.62	149.03	10.07	0.27	3.05	113379.53	8.86	836.66	376.50	19.25	336.22	281.50
6:05 PM	5.24	158.96	74.99	12.67	149.03	10.07	0.27	2.11	112320.96	8.85	852.00	370.42	19.25	336.10	281.94
6:06 PM	5.24	158.94	74.99	12.67	149.03	10.07	0.30	2.63	113049.43	9.01	785.92	368.48	19.67	336.53	282.73
6:07 PM	5.24	159.15	74.99	12.67	149.03	10.07	0.32	2.95	113369.17	8.96	754.88	368.75	19.78	337.53	283.23
6:08 PM	5.24	159.25	74.84	12.67	149.03	10.07	0.32	2.01	113454.97	8.95	822.29	361.38	18.67	338.87	282.97
6:09 PM	5.24	159.12	74.67	12.67	149.03	10.07	0.32	2.46	115215.40	8.79	1063.45	354.47	20.29	338.95	283.31
6:10 PM	5.24	159.16	74.67	12.67	149.03	10.07	0.32	2.94	115538.03	8.95	975.79	345.57	20.98	341.59	281.90
6:11 PM	5.24	159.30	74.67	12.50	149.03	10.07	0.32	2.01	116590.67	8.97	898.30	350.60	22.77	342.89	282.28
6:12 PM	5.24	159.16	74.67	12.42	149.03	10.07	0.32	1.84	114482.83	8.92	1059.24	349.84	21.32	342.94	280.31
6:13 PM	5.24	159.33	74.67	12.42	149.03	10.07	0.32	2.24	112595.35	8.71	1199.33	347.20	21.02	342.12	280.18
6:14 PM	5.24	159.28	74.67	12.42	149.03	10.07	0.32	2.76	111070.15	8.64	1318.20	342.21	20.29	341.78	280.52
6:15 PM	5.24	159.34	74.67	12.42	149.03	10.07	0.32	3.08	111123.90	8.75	1464.53	346.87	20.68	339.89	280.38
6:16 PM	5.24	159.33	74.67	12.59	149.03	10.07	0.32	3.19	112774.58	8.81	1125.08	363.72	21.44	339.72	280.42
6:17 PM	5.24	159.27	74.67	12.67	149.03	10.07	0.32	2.41	116197.13	8.85	984.06	375.38	22.19	339.56	280.05
6:18 PM	5.24	159.22	74.67	12.67	148.58	10.07	0.32	1.82	116816.63	8.92	956.84	382.01	22.66	337.41	280.84
6:19 PM	5.24	158.95	74.67	12.67	145.98	10.07	0.32	2.46	115263.17	9.00	930.64	380.20	23.85	335.37	280.37
6:20 PM	5.24	158.85	74.67	12.67	145.19	10.07	0.32	3.15	115607.00	9.07	801.47	394.27	24.51	333.13	281.08
6:21 PM	5.24	158.97	74.67	12.67	149.58	10.07	0.36	2.73	113989.20	9.15	668.37	413.02	25.05	331.91	280.97
6:22 PM	5.24	158.98	74.67	12.67	146.18	10.07	0.38	1.84	113679.60	9.13	680.69	413.53	24.22	330.77	281.41
6:23 PM	5.24	159.04	74.68	12.67	147.62	10.07	0.38	2.43	115807.57	9.07	723.41	401.66	23.41	330.20	281.92
6:24 PM	5.24	158.98	74.75	12.67	146.23	10.07	0.38	2.85	115458.28	9.16	669.96	406.39	22.44	330.56	281.83
6:25 PM	5.24	159.04	74.75	12.67	151.10	10.07	0.38	2.50	117178.47	9.22	813.60	413.14	21.45	331.67	282.27
6:26 PM	5.24	158.96	74.75	12.67	147.75	10.07	0.40	2.44	116098.60	9.24	650.05	404.60	20.92	333.29	282.39
6:27 PM	5.24	158.91	74.75	12.67	150.58	10.07	0.41	2.28	114138.45	9.14	734.83	385.80	19.84	334.19	282.63
6:28 PM	5.24	158.95	74.75	12.67	146.54	10.07	0.41	2.86	114196.68	9.02	842.21	395.06	19.61	333.30	282.81
6:29 PM	5.24	158.85	74.75	12.67	144.90	10.07	0.41	2.32	112549.88	9.00	654.47	386.47	19.86	331.75	283.39
6:30 PM	5.22	158.96	74.75	12.67	147.83	10.07	0.41	2.73	113520.17	8.90	938.37	378.62	19.71	331.47	282.63
6:31 PM	5.22	158.89	74.75	12.68	150.30	10.07	0.41	2.89	114918.77	8.74	1179.35	354.17	19.45	333.09	282.33
6:32 PM	5.22	158.79	74.75	12.68	148.94	10.07	0.41	2.07	116385.86	8.85	1392.32	342.37	20.10	333.38	282.57
6:33 PM	5.22	158.63	74.75	12.68	151.03	10.07	0.41	2.38	115246.40	8.91	980.06	345.18	19.85	334.72	281.38
6:34 PM	5.22	158.69	74.75	12.68	150.30	10.07	0.41	2.96	115203.42	9.00	832.84	342.42	19.22	334.15	281.27
6:35 PM	5.22	158.41	74.75	12.68	146.27	10.07	0.41	2.70	114604.73	9.10	774.56	339.01	18.99	332.60	279.82
6:36 PM	5.22	158.58	74.75	12.68	144.84	10.07	0.41	2.37	113918.67	8.90	928.27	333.10	18.58	328.57	279.13
6:37 PM	5.22	158.88	74.75	12.68	147.86	10.07	0.41	2.53	114366.28	9.07	812.43	335.21	18.45	326.66	279.04
6:38 PM	5.22	159.16	74.89	12.68	150.28	10.07	0.41	1.85	114363.32	9.09	760.58	337.88	18.14	326.54	278.79
6:39 PM	5.22	159.34	75.56	12.68	150.28	10.07	0.41	2.67	115194.08	8.99	885.40	337.36	17.99	327.96	279.26
6:40 PM	5.22	159.34	75.56	12.68	150.28	10.07	0.41	2.56	115811.57	8.91	985.17	329.15	18.19	328.41	279.18
6:41 PM	5.22	159.35	75.56	12.68	149.79	10.07	0.41	1.95	115926.77	9.02	891.89	337.00	18.77	330.98	279.86
6:42 PM	5.22	159.45	75.56	12.49	147.36	10.07	0.41	2.34	117226.60	9.12	827.36	330.25	18.63	333.13	279.76
6:43 PM	5.22	159.69	75.56	12.39	147.36	10.07	0.41	2.92	117766.08	9.10	829.22	329.56	18.68	335.74	280.47
6:44 PM	5.22	160.03	75.58	12.39	147.36	10.07	0.41	2.81	116770.32	9.13	779.67	323.54	18.55	335.78	280.42
6:45 PM	5.22	160.14	75.56	12.39	146.67	10.07	0.41	2.26	117165.58	9.09	897.93	321.49	18.60	336.92	281.26
6:46 PM	5.22	160.08	75.56	12.39	143.62	10.07	0.41	2.33	115844.03	9.00	1015.14	317.53	19.41	336.59	280.70
6:47 PM	5.22	160.14	75.56	12.39	145.55	10.07	0.41	1.96	114367.70	8.90	1197.85	310.50	19.21	336.80	281.39
6:48 PM	5.22	160.07	75.56	12.39	145.55	10.07	0.41	2.73	115086.92	8.92	1092.08	299.31	19.34	335.74	281.70
6:49 PM	5.22	160.07	75.56	12.39	145.22	10.07	0.41	3.06	116291.20	8.93	1195.36	302.52	19.29	335.41	281.63
6:50 PM	5.22	160.07	75.56	12.39	144.40	10.07	0.41	2.96	116506.37	8.91	1299.12	299.62	19.98	334.96	282.54
6:51 PM	5.22	160.07	75.56	12.39	149.03	10.07	0.41	2.19	115899.72	8.90	1232.30	297.16	19.87	335.68	282.70
6:52 PM	5.22	160.08	75.56	12.39	151.35	10.07	0.41	2.40	115934.13	9.01	1058.04	295.62	18.92	335.61	283.78
6:53 PM	5.22	160.14	75.37	12.39	151.35	10.07	0.41	2.86	114059.58	8.95	1266.79	292.62	19.85	339.28	283.34
6:54 PM	5.22	160.03	74.43	12.39	151.35	10.07	0.41	2.72	114723.52	9.01	1142.89	290.06	18.89	343.76	283.50
6:55 PM	5.22	159.85	74.43	12.39	151.35	10.07	0.41	2.32	115831.45	9.01	1145.03	286.44	19.15	345.83	283.51
6:56 PM	5.22	159.89	74.43	12.39	151.35	10.07	0.41	2.37	114631.02	8.99	1636.28	274.29	18.98	345.95	282.59
6:57 PM	5.22	160.07	74.43	12.46	151.35	10.07	0.41	2.95	114686.03	9.01	1004.91	288.14	19.88	345.65	282.45

R3 10/13/04	COAL MILL 1 COAL FEED TPH	COAL MILL 1 EXIT TEMP DEG F	COAL MILL 1 MOTOR POWER % FULL LOAD	COAL MILL 1 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
6:58 PM	5.22	160.03	74.43	12.49	151.35	10.05	0.41	2.01	114957.93	8.96	1126.47	280.66	18.92	346.20	280.63
6:59 PM	5.22	159.81	74.43	12.49	151.35	9.97	0.41	2.17	116100.58	8.99	1108.54	283.47	18.48	345.83	280.61
7:00 PM	5.23	159.64	74.43	12.49	151.35	9.97	0.41	2.89	116195.28	9.16	850.06	284.16	18.89	345.79	281.32
7:01 PM	5.23	159.72	74.43	12.49	151.35	9.97	0.38	2.88	119304.45	9.27	749.52	282.66	19.37	344.29	282.24
7:02 PM	5.23	159.82	74.43	12.49	151.35	9.97	0.36	1.80	118206.32	9.18	899.70	279.72	19.50	343.19	282.10
7:03 PM	5.23	160.01	74.06	12.49	151.35	9.97	0.38	2.50	116617.97	8.96	1179.93	275.19	19.56	344.85	281.87
7:04 PM	5.23	160.14	72.18	12.49	151.35	9.97	0.36	2.98	118280.38	8.96	1138.15	259.15	19.62	344.87	282.31
7:05 PM	5.23	160.56	72.18	12.49	147.48	9.97	0.36	2.77	117107.67	9.18	838.54	273.42	19.69	344.77	282.29
7:06 PM	5.23	160.86	72.18	12.49	141.93	9.97	0.36	2.90	117766.12	9.22	845.55	277.44	19.04	345.59	283.44
7:07 PM	5.23	161.10	72.18	12.49	141.76	9.97	0.36	2.42	118723.75	8.32	777.14	278.61	19.62	344.98	283.34
7:08 PM	5.23	161.16	72.18	12.49	142.58	9.97	0.36	2.47	116187.45	9.17	913.10	279.41	19.00	347.05	283.54
7:09 PM	5.23	161.46	72.18	12.49	142.58	9.97	0.36	2.86	115865.90	9.12	954.85	287.38	19.36	347.29	283.49
7:10 PM	5.23	161.43	72.18	12.49	142.58	9.97	0.36	1.95	115368.00	9.13	1003.18	292.60	19.41	347.05	284.50
7:11 PM	5.23	161.55	72.18	12.49	142.58	9.97	0.36	2.74	116841.43	9.19	828.17	295.19	19.90	345.06	285.00
7:12 PM	5.23	161.26	72.18	12.81	142.58	9.97	0.36	2.25	117780.28	9.12	972.41	288.74	19.54	346.65	284.68
7:13 PM	5.23	161.24	72.18	12.67	142.58	9.96	0.36	1.98	118241.15	9.13	968.98	294.39	19.60	349.24	285.62
7:14 PM	5.18	160.80	72.18	12.67	142.58	9.93	0.36	2.82	119413.83	9.30	814.99	292.44	16.93	352.91	285.95
7:15 PM	4.93	160.73	72.18	12.67	142.58	9.93	0.36	3.17	118102.95	10.16	707.72	267.12	19.47	352.18	287.26
7:16 PM	4.93	160.74	72.18	12.67	144.50	9.93	0.36	2.67	117110.68	9.27	852.06	306.31	22.67	354.17	286.61
7:17 PM	4.93	160.80	72.18	12.67	145.46	9.93	0.36	1.94	118523.67	9.27	935.47	295.41	21.89	357.22	287.26
7:18 PM	4.93	160.69	72.16	12.67	145.46	9.93	0.36	2.70	120409.22	9.23	910.08	294.50	22.28	358.16	286.51
7:19 PM	4.93	160.54	72.05	12.67	145.46	9.93	0.36	3.02	119687.06	9.34	780.63	294.32	21.56	357.22	288.00
7:20 PM	4.93	160.64	72.05	12.67	143.94	9.93	0.36	2.24	120483.58	9.36	702.87	314.31	22.46	354.42	285.68
7:21 PM	4.93	160.50	72.05	12.67	145.47	9.93	0.36	2.29	117610.46	9.37	696.82	321.74	21.81	353.78	283.63
7:22 PM	4.93	160.43	72.05	12.67	148.19	9.93	0.36	2.91	119701.85	9.26	705.39	328.18	22.05	354.50	283.31
7:23 PM	4.93	160.37	72.05	12.67	146.35	9.93	0.36	2.21	116360.63	9.42	659.99	329.96	23.96	353.97	283.56
7:24 PM	4.93	160.36	72.05	12.67	143.34	9.93	0.36	1.89	118361.03	9.34	706.72	328.53	24.18	353.44	283.88
7:25 PM	4.93	160.25	72.05	12.67	144.04	9.93	0.36	2.75	118668.33	9.26	783.31	327.25	24.17	353.69	283.80
7:26 PM	4.93	160.07	72.05	12.67	140.97	9.93	0.36	2.78	115403.05	9.15	899.53	326.59	22.97	352.83	283.34
7:27 PM	4.93	160.10	72.05	12.70	141.34	9.93	0.36	2.15	114464.12	9.19	782.19	331.12	22.62	352.14	283.56
7:28 PM	4.93	160.20	72.05	12.72	142.49	9.93	0.36	2.81	116815.83	9.19	772.53	341.62	21.25	349.37	283.47
7:29 PM	4.93	160.07	72.05	12.72	142.49	9.92	0.36	2.84	115139.95	9.20	784.74	340.22	20.88	347.62	284.39
7:30 PM	4.94	160.07	72.05	12.72	145.95	9.92	0.36	1.83	115681.42	9.19	872.29	338.26	20.33	347.05	284.08
7:31 PM	4.94	160.07	72.05	12.72	147.68	9.92	0.36	2.57	116445.43	9.10	1050.33	331.84	20.05	346.88	285.01
7:32 PM	4.94	160.03	72.05	12.72	147.68	9.92	0.36	3.03	117336.88	9.18	893.07	322.13	19.52	344.48	284.74
7:33 PM	4.94	159.85	71.99	12.72	145.45	9.92	0.36	2.66	116453.45	9.12	958.30	319.26	19.60	341.91	285.33
7:34 PM	4.94	159.84	71.69	12.72	145.67	9.92	0.36	2.41	115524.87	9.23	813.91	324.21	19.77	339.88	285.16
7:35 PM	4.94	159.78	71.69	12.72	144.39	9.92	0.36	2.63	115976.82	9.22	869.04	325.59	19.20	339.84	285.51
7:36 PM	4.94	159.82	71.69	12.72	144.90	9.92	0.36	1.67	116287.33	9.20	855.48	323.54	19.02	340.74	285.99
7:37 PM	4.94	160.01	71.69	12.72	145.64	9.92	0.36	2.24	117776.63	9.23	813.96	327.39	19.07	341.15	285.88
7:38 PM	4.94	160.05	71.69	12.72	145.64	9.92	0.36	2.77	113911.82	9.20	804.65	324.44	19.16	341.15	286.64
7:39 PM	4.94	159.94	71.69	12.72	145.64	9.92	0.36	2.80	112859.57	9.24	808.61	327.89	19.39	341.48	285.98
7:40 PM	4.94	159.96	71.69	12.72	145.64	9.92	0.36	3.38	114289.85	9.10	883.01	329.08	18.69	342.94	286.42
7:41 PM	4.94	159.77	71.69	12.72	145.64	9.92	0.36	2.28	116598.78	9.06	987.09	332.80	19.46	341.90	285.39
7:42 PM	4.94	159.69	71.69	12.60	145.64	9.92	0.36	2.18	117167.35	9.02	973.72	344.13	18.64	340.09	284.36
7:43 PM	4.94	159.59	71.69	12.54	145.64	9.92	0.36	1.90	115466.95	9.13	900.57	342.34	18.45	339.93	283.48
7:44 PM	4.94	159.78	71.69	12.54	145.64	9.92	0.36	3.01	113002.68	9.09	961.13	342.45	18.40	340.88	282.41
7:45 PM	4.93	160.17	71.69	12.54	145.64	9.92	0.36	3.36	113424.45	8.88	1285.93	332.38	18.41	339.80	282.76
7:46 PM	4.93	160.30	71.69	12.71	145.64	9.92	0.33	2.57	114893.17	8.60	1480.56	334.80	18.70	338.01	283.24
7:47 PM	4.93	160.32	71.69	12.80	145.64	9.92	0.31	1.78	116594.02	8.67	1196.55	346.84	19.15	338.55	283.23
7:48 PM	4.93	160.08	71.63	12.80	145.64	9.92	0.31	2.52	115357.35	9.04	1015.21	349.61	19.49	340.33	283.56
7:49 PM	4.93	160.17	71.33	12.80	145.64	9.92	0.31	1.90	116404.93	9.10	844.10	350.78	19.11	340.91	283.51
7:50 PM	4.93	160.29	71.33	12.80	145.64	9.92	0.31	2.41	117340.95	9.29	733.60	355.31	18.61	339.76	283.64
7:51 PM	4.93	160.27	71.33	12.80	144.47	9.92	0.31	3.02	118466.20	9.26	739.62	345.77	18.61	340.09	283.42
7:52 PM	4.93	160.16	71.33	12.80	143.88	9.92	0.31	3.03	117044.12	9.30	714.62	357.21	18.55	339.11	284.14
7:53 PM	4.93	160.21	71.33	12.63	143.88	9.92	0.31	2.64	115640.80	9.24	745.45	355.27	18.72	336.38	284.03
7:54 PM	4.93	160.17	71.33	12.55	143.88	9.92	0.31	3.44	116228.72	9.19	854.85	359.61	18.21	336.96	284.75
7:55 PM	4.93	160.29	71.33	12.55	143.88	9.92	0.31	1.69	116235.05	9.07	1141.12	355.37	18.56	337.20	284.64
7:56 PM	4.93	160.32	71.33	12.74	143.88	9.92	0.31	2.62	115539.72	9.18	860.98	357.07	18.86	338.11	285.33
7:57 PM	4.93	160.43	71.33	12.83	143.88	9.92	0.31	2.65	116394.98	9.03	921.25	355.03	19.12	337.60	285.10
7:58 PM	4.93	160.35	71.33	12.83	145.92	9.91	0.31	3.08	114867.82	8.91	1126.54	357.82	19.72	339.08	285.15
7:59 PM	4.93	160.23	71.33	12.83	146.94	9.87	0.31	2.56	113586.38	9.00	987.73	359.15	19.05	343.96	285.50
8:00 PM	4.93	160.32	71.33	12.83	149.51	9.87	0.31	1.79	113791.30	8.88	1436.55	341.19	19.56	346.85	286.17
8:01 PM	4.91	160.42	71.33	12.83	149.00	9.87	0.31	1.81	112348.75	9.01	999.37	354.17	19.47	345.38	287.14
8:02 PM	4.91	160.27	71.33	12.83	148.10	9.87	0.31	2.69	115621.92	9.29	756.71	355.90	19.72	341.80	286.69
8:03 PM	4.91	160.15	71.44	12.83	148.10	9.87	0.31	3.17	117691.70	9.34	677.55	363.19	19.13	340.05	286.63
8:04 PM	4.91	160.16	72.01	12.83	148.10	9.87	0.31	2.82	117489.17	9.52	622.03	364.31	19.05	339.28	285.14
8:05 PM	4.91	160.21	72.01	12.83	149.55	9.87	0.31	2.37	117653.78	9.43	627.00	369.56	17.99	338.34	284.77

R3 10/13/04	COAL MILL 1 COAL FEED TPH	COAL MILL 1 EXIT TEMP DEG F	COAL MILL 1 MOTOR POWER % FULL LOAD	COAL MILL 1 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
8:06 PM	4.91	160.16	72.01	12.83	150.28	9.87	0.31	2.00	117871.42	9.31	721.52	366.38	18.23	337.32	283.49
8:07 PM	4.91	160.20	72.01	12.65	150.28	9.87	0.31	2.66	118484.58	9.04	877.07	371.29	17.79	335.49	282.66
8:08 PM	4.91	160.08	72.01	12.58	150.28	9.87	0.31	3.12	116126.22	8.94	933.82	381.24	18.28	336.47	282.71
8:09 PM	4.91	160.15	72.01	12.58	150.28	9.87	0.31	2.30	114197.43	9.06	876.94	379.01	18.76	336.42	282.98
8:10 PM	4.91	160.15	72.01	12.58	150.28	9.87	0.31	2.33	114499.48	9.16	767.66	370.06	18.80	337.57	282.92
8:11 PM	4.91	160.14	72.01	12.58	150.28	9.87	0.31	3.41	113086.03	9.30	750.17	373.52	18.61	339.76	282.75
8:12 PM	4.91	160.08	72.01	12.58	150.28	9.87	0.31	2.95	114359.65	9.18	820.22	385.40	18.55	342.81	282.78
8:13 PM	4.91	160.17	72.01	12.58	150.28	9.87	0.31	2.71	114400.12	9.37	689.89	381.33	18.63	344.00	283.53
8:14 PM	4.91	160.30	72.01	12.58	150.28	9.87	0.31	1.72	116417.38	9.24	707.93	377.83	18.30	345.05	283.42
8:15 PM	4.91	160.44	72.01	12.58	150.28	9.87	0.31	2.10	117846.40	9.19	902.52	374.54	18.85	344.87	284.12
8:16 PM	4.92	160.80	72.01	12.58	150.28	9.87	0.31	2.65	118126.37	8.90	1180.90	366.71	22.08	344.98	283.93
8:17 PM	4.92	160.74	72.01	12.58	150.28	9.87	0.31	2.31	116933.35	8.87	1404.61	358.73	23.94	347.17	284.75
8:18 PM	4.92	160.78	71.94	12.58	150.28	9.87	0.31	3.02	117352.45	9.06	887.96	365.83	23.57	346.36	284.63
8:19 PM	4.92	160.51	71.57	12.58	150.28	9.87	0.31	3.00	115209.43	9.21	779.19	367.80	22.15	350.51	285.28
8:20 PM	4.92	160.51	71.57	12.58	150.03	9.87	0.31	2.47	115587.85	9.18	772.10	365.61	22.91	352.91	285.15
8:21 PM	4.92	160.56	71.57	12.58	149.91	9.87	0.31	2.15	118096.53	9.10	941.07	360.30	23.17	356.90	285.55
8:22 PM	4.92	160.79	71.57	12.63	151.21	9.87	0.31	1.71	117135.52	9.09	978.93	340.79	23.97	357.43	286.27
8:23 PM	4.92	160.67	71.57	12.65	151.86	9.87	0.31	2.02	116286.80	9.07	1089.22	344.15	24.71	356.29	286.24
8:24 PM	4.92	160.71	71.57	12.65	151.86	9.87	0.31	2.69	116899.73	9.24	769.64	359.67	25.15	352.71	287.13
8:25 PM	4.92	160.54	71.57	12.65	149.01	9.87	0.31	2.82	116369.73	9.29	722.43	352.84	23.81	352.70	286.24
8:26 PM	4.92	160.28	71.57	12.65	150.40	9.87	0.31	2.21	116023.42	9.18	793.88	342.24	21.90	350.22	285.89
8:27 PM	4.92	160.25	71.57	12.65	151.81	9.87	0.28	2.64	115986.78	9.14	917.56	335.33	20.87	347.83	285.26
8:28 PM	4.92	160.37	71.57	12.65	151.81	9.87	0.26	2.57	116010.27	8.95	1139.97	326.99	19.96	346.93	285.43
8:29 PM	4.92	160.36	71.57	12.65	151.81	9.87	0.26	2.66	117374.03	8.88	1418.90	323.61	20.46	347.01	284.42
8:30 PM	4.92	160.32	71.57	12.65	151.81	9.87	0.26	2.30	117565.07	8.85	1293.35	324.62	20.15	349.41	283.27
8:31 PM	4.92	160.40	71.57	12.65	151.81	9.87	0.26	2.17	116698.45	8.95	1094.67	323.27	20.49	348.93	283.31
8:32 PM	4.92	160.22	71.57	12.63	151.81	9.87	0.26	2.82	117279.85	9.29	751.00	326.29	19.94	347.46	283.53
8:33 PM	4.92	160.22	71.56	12.92	151.81	9.87	0.26	2.99	116621.57	9.40	687.53	325.78	19.47	347.09	283.22
8:34 PM	4.92	160.23	71.53	12.92	151.81	9.87	0.26	3.16	116375.23	9.34	840.85	320.43	19.02	345.87	282.95
8:35 PM	4.92	160.28	71.53	12.92	151.81	9.87	0.25	1.92	117297.10	9.19	955.81	311.88	18.30	343.55	282.80
8:36 PM	4.92	160.20	71.53	12.92	151.81	9.87	0.28	2.52	116987.87	9.23	936.36	315.58	18.53	342.00	282.67
8:37 PM	4.92	160.03	71.53	12.92	151.81	9.87	0.26	2.97	117304.70	9.10	1073.92	314.47	18.93	341.51	282.73
8:38 PM	4.92	159.89	71.53	12.92	151.81	9.87	0.26	2.55	117554.87	9.07	1147.75	315.23	18.82	341.88	283.18
8:39 PM	4.92	160.08	71.53	12.92	151.81	9.87	0.26	1.86	117370.80	9.01	1104.57	319.57	19.25	340.90	282.84
8:40 PM	4.92	160.10	71.53	12.92	151.81	9.87	0.26	2.25	116986.85	9.28	823.91	324.64	18.65	342.28	283.25
8:41 PM	4.92	159.88	71.53	12.92	151.81	9.87	0.26	2.44	115990.42	9.42	695.49	325.10	18.43	343.39	283.07
8:42 PM	4.92	160.01	71.53	12.92	148.35	9.87	0.26	2.97	115062.18	9.48	688.29	320.90	18.30	345.01	283.51
8:43 PM	4.92	160.02	71.53	12.92	146.62	9.87	0.26	2.90	116893.98	9.39	734.63	316.73	18.38	346.23	283.23
8:44 PM	4.92	159.79	71.53	12.92	149.81	9.87	0.26	2.49	115103.92	9.31	807.76	309.84	18.11	347.41	283.56
8:45 PM	4.93	159.85	71.53	12.92	151.40	9.87	0.26	2.43	115825.70	9.22	850.42	310.33	18.45	348.35	283.53
8:46 PM	4.95	159.89	71.53	12.92	146.51	9.87	0.26	2.44	114735.35	9.29	810.81	313.83	19.00	349.08	283.53
8:47 PM	4.95	160.06	71.53	12.79	151.97	9.87	0.26	2.93	115026.78	9.29	725.54	310.50	19.34	348.69	284.60
8:48 PM	4.95	160.01	71.47	12.73	153.59	9.87	0.26	2.04	114823.92	9.22	812.94	314.91	19.13	349.53	283.75
8:49 PM	4.95	160.02	71.17	12.73	152.46	9.87	0.26	2.41	114698.87	9.18	787.99	312.00	19.25	348.84	284.16
8:50 PM	4.95	159.79	71.17	12.73	149.83	9.87	0.26	2.88	115883.45	9.28	819.78	302.50	19.27	349.82	282.59
8:51 PM	4.95	159.85	71.17	12.73	146.67	9.87	0.26	2.57	115233.68	9.26	762.86	305.01	19.06	351.81	282.74
8:52 PM	4.95	159.83	71.17	12.73	144.16	9.87	0.26	1.92	115866.28	9.32	800.70	304.00	19.46	352.83	281.38
8:53 PM	4.95	159.87	71.17	12.73	145.97	9.87	0.26	2.82	116747.25	9.24	808.63	300.09	18.76	354.14	280.32
8:54 PM	4.95	159.48	71.17	12.73	152.78	9.87	0.25	3.00	117541.35	9.17	972.75	292.15	18.26	355.72	280.82
8:55 PM	4.95	159.41	71.17	12.73	149.93	9.87	0.26	3.02	116888.95	9.26	921.72	285.85	18.74	356.37	280.98
8:56 PM	4.95	159.44	71.17	12.73	144.19	9.87	0.26	2.70	117325.75	9.28	817.07	285.17	19.05	354.75	281.58
8:57 PM	4.95	159.54	71.17	12.73	142.72	9.87	0.26	2.32	114886.00	9.20	863.27	282.90	18.73	350.06	280.85
8:58 PM	4.95	159.41	71.17	12.73	145.85	9.87	0.26	2.79	115522.50	9.13	885.84	289.41	18.33	346.93	280.52
8:59 PM	4.95	159.41	71.17	12.73	149.48	9.87	0.26	2.81	115499.15	9.19	831.35	292.22	18.39	346.72	280.62
9:00 PM	4.95	159.41	71.17	12.73	147.86	9.87	0.26	1.75	117704.17	9.18	858.88	289.58	18.90	348.38	281.19
9:01 PM	4.92	159.42	71.17	12.73	149.34	9.87	0.26	2.27	116854.75	9.26	848.75	287.38	18.72	351.85	281.83
9:02 PM	4.92	159.48	71.17	12.73	150.75	9.87	0.26	2.83	117443.10	9.25	805.89	283.01	18.92	353.32	282.32
9:03 PM	4.92	159.42	71.24	12.73	150.75	9.87	0.26	2.27	116361.00	9.35	752.72	287.39	18.79	355.76	282.96
9:04 PM	4.92	159.49	71.57	12.73	149.17	9.87	0.26	3.21	116962.67	9.22	760.01	292.73	19.17	356.68	283.37
9:05 PM	4.92	159.50	71.57	12.73	146.62	9.87	0.26	2.41	116430.77	9.15	897.22	281.66	19.78	355.63	284.15
9:06 PM	4.92	159.57	71.57	12.73	145.74	9.87	0.26	3.07	116765.17	8.99	1146.25	281.91	20.03	353.19	284.59
9:07 PM	4.92	159.56	71.57	12.73	145.74	9.87	0.26	3.31	116268.32	9.06	1063.12	277.19	19.77	350.71	285.15
9:08 PM	4.92	159.74	71.57	12.73	145.74	9.87	0.26	2.36	115560.33	9.05	949.95	277.80	20.18	348.98	285.40
9:09 PM	4.92	159.80	71.57	12.73	143.39	9.87	0.26	1.92	114447.78	9.00	1133.28	279.08	19.92	351.85	285.58
Averages	**5.06**	**159.87**	**72.87**	**12.55**	**147.87**	**9.96**	**0.34**	**2.52**	**115894.88**	**9.11**	**907.41**	**332.84**	**19.86**	**342.53**	**283.03**

R6 10/11/04	COAL MILL 2 COAL FEED TPH	COAL MILL 2 EXIT TEMP DEG F	COAL MILL 2 MOTOR POWER % FULL LOAD	COAL MILL 2 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
8:54 AM	5.15	174.62	71.73	11.51	136.50	8.30	1.52	2.48	100083.85	8.31	741.80	305.45	43.51	493.04	425.51
8:55 AM	5.15	174.65	71.73	11.51	154.64	8.30	1.52	2.71	100270.60	8.24	774.36	300.05	42.49	493.16	424.94
8:56 AM	5.15	174.65	71.73	11.51	162.14	8.30	1.62	2.63	99958.45	8.06	830.85	295.37	41.81	493.90	425.21
8:57 AM	5.15	174.69	71.73	11.51	148.01	8.30	1.52	2.57	100412.75	8.01	802.90	296.33	42.56	494.88	426.10
8:58 AM	5.15	174.66	71.73	11.51	142.67	8.30	1.52	2.68	99162.10	8.13	730.49	294.49	43.78	495.73	426.73
8:59 AM	5.15	174.58	71.73	11.51	145.04	8.30	1.52	2.40	97674.55	8.14	715.52	295.25	44.33	496.46	426.74
9:00 AM	5.15	174.58	71.73	11.51	149.63	8.30	1.52	2.31	96629.10	8.08	738.54	295.90	45.05	496.95	426.59
9:01 AM	5.15	174.58	71.73	11.51	153.86	8.30	1.52	2.33	96306.45	8.06	771.45	289.03	45.39	496.95	426.88
9:02 AM	5.15	174.58	73.99	11.51	153.86	8.30	1.52	2.40	96769.05	8.20	761.28	280.02	44.39	496.46	427.05
9:03 AM	5.15	174.58	71.81	11.51	148.47	8.30	1.52	2.58	97776.25	8.34	721.64	274.57	43.85	495.80	427.21
9:04 AM	5.15	174.58	71.81	11.51	148.47	8.30	1.52	2.58	97925.35	8.34	725.22	273.32	43.27	494.51	427.20
9:05 AM	5.12	174.51	71.81	11.51	148.47	8.30	1.52	2.52	97956.80	8.25	770.17	273.42	42.04	493.65	427.02
9:06 AM	5.12	174.40	71.81	11.51	148.47	8.30	1.52	2.27	98503.05	8.17	804.63	272.51	41.91	493.04	427.01
9:07 AM	5.12	174.36	71.81	11.52	148.47	8.30	1.52	2.24	97658.10	8.06	823.53	274.36	43.67	493.17	427.04
9:08 AM	5.12	174.36	71.81	11.52	148.47	8.30	1.52	2.46	95589.10	8.04	793.23	284.28	44.57	493.78	426.59
9:09 AM	5.12	174.33	71.81	11.52	148.47	8.30	1.52	2.45	94560.60	8.07	763.56	289.95	42.49	494.51	426.34
9:10 AM	5.12	174.33	71.81	11.52	148.47	8.30	1.52	2.41	97319.35	7.91	916.18	285.44	40.03	495.24	426.78
9:11 AM	5.12	174.44	71.81	11.52	148.47	8.30	1.52	2.60	98421.80	7.66	1132.02	285.06	40.57	495.87	426.93
9:12 AM	5.12	174.62	71.81	11.52	148.47	8.30	1.52	2.69	96580.45	7.62	1123.08	286.30	43.35	497.07	426.74
9:13 AM	5.12	174.84	69.48	11.52	148.47	8.30	1.52	2.36	96849.45	7.74	1014.14	288.03	45.22	497.56	426.90
9:14 AM	5.12	174.99	69.48	11.52	148.47	8.30	1.52	2.18	97097.05	7.79	953.98	282.79	42.44	496.83	427.11
9:15 AM	5.12	175.09	69.48	11.52	148.47	8.30	1.52	2.47	96766.20	8.09	839.83	282.83	39.14	495.60	427.34
9:16 AM	6.12	175.20	69.48	11.52	148.47	8.30	1.52	2.58	97017.20	8.40	819.62	283.95	39.07	494.14	427.34
9:17 AM	5.12	175.13	69.48	11.52	148.47	8.30	1.52	2.25	96976.60	8.26	945.77	278.30	38.43	492.80	426.91
9:18 AM	5.12	175.02	69.48	11.52	148.47	8.30	1.52	2.55	96377.35	8.17	922.70	281.38	37.80	492.19	426.46
9:19 AM	5.12	175.20	69.48	11.52	148.47	8.30	1.52	2.85	95430.95	8.08	826.22	281.82	37.22	492.67	426.21
9:20 AM	5.16	175.46	69.48	11.76	148.47	8.30	1.52	2.49	95073.05	7.98	831.50	283.68	37.33	493.77	426.21
9:21 AM	5.16	175.50	69.48	11.76	148.47	8.30	1.52	2.53	94223.00	7.92	832.10	297.53	37.75	494.75	426.16
9:22 AM	5.16	175.53	69.48	11.76	148.47	8.30	1.52	2.53	93683.05	7.89	814.78	300.44	38.38	495.38	426.14
9:23 AM	5.16	175.60	69.48	11.76	148.47	8.30	1.52	2.24	93447.55	7.84	878.84	296.52	38.86	495.85	425.99
9:24 AM	5.16	175.64	69.48	11.76	147.22	8.30	1.52	2.36	93891.15	7.72	940.08	277.41	39.73	496.34	426.43
9:25 AM	5.16	175.75	69.48	11.76	147.67	8.30	1.52	2.47	93442.00	7.78	894.61	281.94	40.29	496.71	427.15
9:26 AM	5.16	175.79	69.48	11.76	149.36	8.30	1.52	2.35	94592.70	7.88	882.72	280.73	40.52	496.83	427.50
9:27 AM	5.16	175.75	69.48	11.76	149.36	8.30	1.52	2.45	95553.00	7.88	908.00	279.50	41.14	496.46	427.70
9:28 AM	5.16	175.75	69.48	11.76	150.38	8.30	1.52	2.48	95722.45	7.97	899.65	278.73	42.31	495.85	427.62
9:29 AM	5.16	175.72	69.48	11.76	151.40	8.30	1.52	2.51	97197.15	8.14	890.14	270.41	43.02	494.75	427.32
9:30 AM	5.16	175.57	72.14	11.76	151.40	8.30	1.52	2.88	98298.95	8.15	904.92	265.42	42.30	493.41	427.96
9:31 AM	5.16	175.39	72.14	11.76	151.40	8.30	1.52	2.76	98367.35	8.18	883.88	268.31	41.62	492.31	427.51
9:32 AM	5.16	175.24	72.14	11.76	151.40	8.30	1.52	2.46	96727.95	8.02	886.94	273.51	41.18	491.82	427.06
9:33 AM	5.16	175.09	72.14	11.76	151.40	8.30	1.52	2.44	95483.85	7.77	973.58	276.76	41.18	492.19	426.59
9:34 AM	5.16	175.02	69.92	11.76	151.40	8.30	1.52	2.67	94471.35	7.67	977.49	279.66	41.60	493.04	426.69
9:35 AM	5.14	174.95	69.92	11.76	151.40	8.30	1.52	2.66	92500.40	7.77	899.86	279.72	41.53	494.14	426.72
9:36 AM	5.14	174.80	69.92	11.76	151.40	8.30	1.52	2.28	91956.95	7.83	857.50	283.35	40.46	495.00	426.76
9:37 AM	5.14	174.69	69.92	11.76	151.40	8.30	1.52	2.49	92363.15	7.81	901.20	283.55	39.38	495.49	426.80
9:38 AM	5.14	174.62	69.92	11.76	151.40	8.30	1.52	2.34	90924.65	7.77	925.32	280.95	40.16	495.85	426.19
9:39 AM	5.14	174.55	69.92	11.76	151.40	8.30	1.52	2.16	90831.90	7.83	860.14	279.55	41.05	496.09	426.13
9:40 AM	5.14	174.51	69.92	11.79	149.87	8.30	1.52	2.32	91954.90	7.88	826.76	274.18	40.55	496.58	426.70
9:41 AM	5.14	174.47	69.92	11.82	149.98	8.30	1.52	2.57	92852.95	7.95	843.19	268.17	40.05	496.83	427.09
9:42 AM	5.14	174.40	69.92	11.82	151.63	8.30	1.52	2.57	93413.25	7.88	945.32	262.22	39.54	496.58	426.94
9:43 AM	5.14	174.40	69.92	11.82	149.87	8.30	1.52	2.64	94013.40	7.80	1018.41	258.97	39.87	496.22	426.82
9:44 AM	5.14	174.47	69.92	11.82	148.10	8.30	1.52	2.93	94743.20	7.94	1035.01	256.15	40.85	495.73	427.30
9:45 AM	5.14	174.55	69.92	11.82	148.10	8.30	1.52	2.71	95803.40	8.10	986.75	253.26	40.12	495.12	427.46
9:46 AM	5.14	174.51	69.92	11.82	148.10	8.30	1.52	2.38	96035.75	8.19	831.50	251.69	38.41	494.39	427.35
9:47 AM	5.14	174.43	69.92	11.82	148.10	8.30	1.52	2.28	96861.65	8.22	782.70	253.21	37.48	493.65	427.20
9:48 AM	5.14	174.43	69.92	11.82	146.99	8.30	1.52	2.39	96248.65	8.10	898.29	252.69	36.57	493.16	427.21
9:49 AM	5.14	174.47	72.05	11.69	148.69	8.30	1.52	2.66	92623.40	7.84	1190.29	246.83	37.46	493.29	427.05
9:50 AM	5.15	174.44	72.05	11.56	149.75	8.30	1.52	2.79	90412.85	7.62	1250.84	247.52	40.75	494.14	426.76
9:51 AM	5.15	174.33	72.05	11.56	149.08	8.30	1.52	2.36	91192.75	7.54	1109.41	249.59	43.41	495.36	427.18
9:52 AM	5.15	174.33	70.00	11.56	150.14	8.30	1.52	2.22	91729.15	7.72	977.73	248.30	44.38	496.34	427.62
9:53 AM	5.15	174.40	70.00	11.56	150.14	8.30	1.52	2.26	93367.75	7.95	849.27	252.57	44.22	496.95	427.97
9:54 AM	5.15	174.40	70.00	11.56	150.14	8.30	1.52	2.27	96096.00	8.06	821.46	252.23	43.34	496.95	428.57
9:55 AM	5.15	174.40	70.00	11.56	152.25	8.30	1.52	2.59	96821.90	7.99	911.43	246.40	43.18	496.46	428.70
9:56 AM	5.15	174.47	70.00	11.56	152.63	8.30	1.52	2.60	96702.20	7.78	1103.11	241.10	43.96	496.09	428.68
9:57 AM	5.15	174.55	70.00	11.56	148.76	8.30	1.52	2.41	96414.80	7.63	1318.19	238.72	45.36	495.97	428.40
9:58 AM	5.15	174.66	72.09	11.56	146.62	8.30	1.52	2.29	96376.25	7.71	1253.66	241.31	45.99	495.85	427.96
9:59 AM	5.15	174.73	70.00	11.56	146.62	8.30	1.52	2.32	94406.75	7.85	1046.98	249.81	44.91	495.49	427.66
10:00 AM	5.15	174.69	70.00	11.56	146.62	8.30	1.52	2.56	93901.30	8.03	890.23	250.59	42.96	494.88	427.20
10:01 AM	6.15	174.62	70.00	11.56	145.60	8.30	1.52	2.54	94326.35	8.02	1023.78	249.25	40.12	494.39	427.20

R5 10/11/04	COAL MILL 2 COAL FEED TPH	COAL MILL 2 EXIT TEMP DEG F	COAL MILL 2 MOTOR POWER % FULL LOAD	COAL MILL 2 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
10:02 AM	5.15	174.58	70.00	11.56	148.08	8.30	1.52	2.37	95284.40	8.00	1015.38	247.22	39.03	494.02	427.04
10:03 AM	5.15	174.58	72.34	11.56	150.24	8.30	1.52	2.53	95604.10	8.10	912.25	251.21	39.29	493.65	426.72
10:04 AM	5.15	174.62	72.34	11.65	150.12	8.30	1.52	2.54	94712.70	8.11	892.28	255.82	38.00	493.41	426.98
10:05 AM	5.13	174.65	72.34	11.73	151.35	8.30	1.52	2.32	95452.85	7.99	996.34	250.86	37.18	493.28	427.20
10:06 AM	5.13	174.65	72.34	11.73	151.35	8.30	1.52	2.73	94819.50	7.98	984.09	240.84	38.54	493.41	427.16
10:07 AM	5.13	174.82	72.34	11.73	151.35	8.30	1.52	2.60	93143.40	8.13	830.31	241.97	39.82	494.02	428.86
10:08 AM	5.13	174.55	72.34	11.73	150.05	8.30	1.52	2.59	93423.80	8.09	864.46	246.01	39.62	494.75	426.90
10:09 AM	5.13	174.47	72.34	11.73	145.51	8.30	1.52	2.59	93698.55	7.99	892.74	248.10	41.26	495.48	427.49
10:10 AM	5.13	174.43	72.34	11.73	144.33	8.30	1.52	2.40	92797.15	7.87	846.33	248.33	43.64	496.22	427.80
10:11 AM	5.13	174.47	72.34	11.73	146.39	8.30	1.52	2.36	92341.95	7.85	872.06	243.86	44.10	496.71	427.83
10:12 AM	5.13	174.51	72.34	11.73	149.24	8.30	1.52	2.53	93162.30	8.03	878.32	240.88	43.33	496.71	428.23
10:13 AM	5.13	174.55	72.34	11.73	149.73	8.30	1.52	2.55	93014.05	8.06	892.77	235.28	42.04	496.10	428.54
10:14 AM	5.13	174.58	72.34	11.73	145.62	8.30	1.52	2.57	93274.45	7.92	916.08	229.91	38.48	495.24	428.44
10:15 AM	5.13	174.58	72.34	11.73	142.05	8.30	1.52	2.76	95495.05	8.03	912.59	235.44	37.45	494.14	428.42
10:16 AM	5.13	174.58	72.34	11.73	140.21	8.30	1.52	2.47	96386.30	8.25	890.41	241.82	40.75	493.17	428.13
10:17 AM	5.13	174.55	72.34	11.73	140.21	8.30	1.52	2.18	97418.95	8.22	855.08	242.86	41.81	492.56	428.03
10:18 AM	5.13	174.47	70.65	11.73	141.63	8.30	1.52	2.35	97251.45	8.13	835.39	240.94	40.99	492.56	428.17
10:19 AM	5.13	174.40	70.65	11.70	143.05	8.30	1.52	2.48	94324.00	7.96	877.21	242.02	39.81	493.17	428.12
10:20 AM	5.15	174.36	70.65	11.66	143.05	8.30	1.52	2.39	92875.55	7.73	993.85	247.42	39.52	494.02	428.27
10:21 AM	5.15	174.44	70.65	11.66	143.05	8.30	1.52	2.48	93742.35	7.72	1001.85	249.58	41.02	495.12	428.27
10:22 AM	5.15	174.55	70.65	11.66	143.05	8.30	1.52	2.52	94185.80	7.74	947.93	252.69	42.07	496.34	428.27
10:23 AM	5.15	174.66	70.65	11.66	143.05	8.30	1.52	2.52	93023.80	7.76	947.74	252.58	42.42	497.20	428.42
10:24 AM	5.15	174.77	70.65	11.66	143.05	8.30	1.52	2.81	93533.95	7.87	948.88	250.62	42.52	497.32	428.82
10:25 AM	5.15	174.88	70.65	11.66	143.05	8.30	1.52	2.49	95762.45	8.07	909.27	250.94	42.54	496.46	428.98
10:26 AM	5.15	174.95	70.65	11.68	143.05	8.30	1.52	2.46	97136.15	8.16	856.15	250.52	41.40	495.36	428.58
10:27 AM	5.15	175.02	70.65	11.66	143.05	8.30	1.52	2.32	97235.90	8.22	852.71	248.73	40.54	494.83	428.42
10:28 AM	5.15	175.13	70.65	11.66	143.05	8.30	1.52	2.36	96741.10	8.30	819.71	248.91	40.02	494.14	428.73
10:29 AM	5.15	175.24	70.65	11.66	143.05	8.30	1.52	2.44	96500.55	8.31	810.66	250.51	38.87	493.78	428.88
10:30 AM	5.15	175.35	70.65	11.66	143.05	8.30	1.52	2.43	96064.75	8.25	820.91	254.79	38.71	493.78	429.03
10:31 AM	5.15	175.42	70.65	11.66	143.05	8.30	1.52	2.57	94359.15	8.18	852.51	257.68	40.61	494.14	428.64
10:32 AM	5.15	175.46	70.65	11.68	143.05	8.44	1.74	2.35	93553.90	8.15	849.02	256.92	42.64	494.63	428.49
10:33 AM	5.15	175.50	71.05	11.66	143.05	8.61	2.27	1.12	94185.15	8.27	768.88	255.77	43.51	495.24	429.03
10:34 AM	5.15	175.46	71.05	11.77	144.35	8.18	2.73	0.09	95337.80	8.77	675.01	260.67	41.95	495.48	429.60
10:35 AM	5.14	175.38	71.05	11.87	147.99	9.39	2.82	0.02	96692.45	8.89	693.76	271.29	37.36	495.24	429.75
10:36 AM	5.14	175.35	71.05	11.75	148.34	9.48	2.88	0.01	95504.25	8.48	774.21	284.37	34.82	494.87	429.34
10:37 AM	5.14	175.31	71.05	11.62	142.35	9.48	3.00	0.01	94647.85	8.25	834.46	298.32	35.38	494.51	429.32
10:38 AM	5.14	175.31	71.05	11.62	142.35	9.48	3.00	0.01	96421.60	8.17	866.76	311.56	35.20	493.90	429.59
10:39 AM	5.14	175.28	71.05	11.62	140.87	9.48	3.00	0.01	99056.85	8.09	961.03	324.19	34.43	493.04	429.73
10:40 AM	5.14	175.24	71.05	11.44	141.63	9.19	3.00	0.01	98989.35	8.07	994.79	348.15	34.60	492.80	429.49
10:41 AM	5.14	175.24	71.05	11.26	143.88	8.72	2.87	0.01	95976.20	7.99	958.28	379.06	35.13	493.78	429.30
10:42 AM	5.14	175.24	71.05	11.49	143.88	8.46	2.08	1.46	95577.10	7.48	1017.16	394.71	36.82	495.36	429.58
10:43 AM	5.14	175.28	71.05	11.71	145.48	8.37	1.72	2.81	93885.85	7.13	1079.80	405.38	41.32	496.83	429.79
10:44 AM	5.14	175.42	71.05	11.71	145.78	8.37	1.59	2.65	92753.85	7.29	979.55	420.98	44.69	497.83	429.79
10:45 AM	5.14	175.57	71.05	11.71	146.80	8.37	1.56	2.65	94096.50	7.80	796.71	422.57	44.85	498.41	429.97
10:46 AM	5.14	175.53	71.05	11.71	147.18	8.37	1.60	2.58	94745.45	8.47	704.88	398.48	43.58	497.80	430.12
10:47 AM	5.14	175.42	71.05	11.71	144.19	8.37	1.62	2.60	95157.65	8.72	677.53	370.92	41.19	496.58	429.95
10:48 AM	5.14	175.38	71.73	11.71	142.10	8.37	1.56	2.48	96308.10	8.63	704.32	341.42	40.32	495.48	429.89
10:49 AM	5.14	175.38	71.73	11.71	139.87	8.37	1.52	2.37	96327.05	8.48	746.64	306.83	41.29	494.83	429.88
10:50 AM	5.14	175.38	71.73	11.71	140.82	8.37	1.52	2.44	97756.60	8.46	791.93	281.18	42.28	493.77	429.64
10:51 AM	5.14	175.38	71.73	11.71	144.74	8.37	1.52	2.43	98155.65	8.34	857.72	257.05	41.53	493.04	429.49
10:52 AM	5.14	175.38	71.73	11.71	145.35	8.37	1.52	2.49	96850.15	8.16	940.25	261.34	41.19	493.17	429.44
10:53 AM	5.14	175.38	71.73	11.71	145.62	8.37	1.52	2.45	96858.75	8.05	926.41	257.07	41.70	494.02	429.45
10:54 AM	5.14	175.42	71.73	11.71	145.71	8.37	1.52	2.41	97085.40	8.11	885.90	248.01	41.59	494.88	429.65
10:55 AM	5.14	175.45	71.73	11.71	144.34	8.37	1.52	2.40	95981.55	8.22	831.42	245.81	40.92	495.97	429.65
10:56 AM	5.14	175.39	71.73	11.71	145.81	8.37	1.52	2.50	95316.60	8.33	773.83	249.19	40.50	497.07	428.64
10:57 AM	5.14	175.31	71.73	11.72	147.27	8.36	1.52	2.45	97480.35	8.44	752.11	248.64	38.56	497.56	430.13
10:58 AM	5.14	175.31	71.73	11.73	147.27	8.34	1.52	2.21	98891.85	8.47	825.03	239.83	39.16	497.32	430.40
10:59 AM	5.14	175.24	71.73	11.73	145.00	8.34	1.52	2.31	97262.05	8.40	849.43	235.87	40.13	496.71	430.24
11:00 AM	5.14	175.16	71.73	11.73	144.00	8.34	1.52	2.57	97858.10	8.33	884.99	233.52	41.55	496.10	430.12
11:01 AM	5.14	175.20	71.73	11.73	145.27	8.34	1.52	2.41	98266.50	8.37	945.64	227.77	42.16	495.24	430.12
11:02 AM	5.14	175.24	71.73	11.73	145.27	8.34	1.52	2.39	98103.80	8.44	916.50	227.94	41.60	494.26	429.96
11:03 AM	5.14	175.24	71.05	11.73	143.74	8.34	1.52	2.85	99250.90	8.50	864.18	230.25	40.02	493.41	429.95
11:04 AM	5.14	175.20	71.05	11.73	142.21	8.34	1.52	2.81	97328.30	8.62	841.43	232.80	39.07	492.92	429.54
11:05 AM	5.14	175.16	71.05	11.73	143.74	8.34	1.52	2.39	95162.90	8.40	832.62	238.60	38.24	493.29	429.02
11:06 AM	5.14	175.20	71.05	11.73	145.27	8.34	1.52	2.30	95180.05	8.35	799.41	240.64	37.79	494.14	429.27
11:07 AM	5.14	175.24	71.05	11.73	145.27	8.34	1.52	2.38	94238.10	8.32	828.97	241.88	37.11	494.63	429.63
11:08 AM	5.14	175.20	71.05	11.73	145.27	8.34	1.52	2.48	93187.70	8.25	859.50	243.42	36.11	495.12	429.66
11:09 AM	5.14	175.13	71.05	11.73	145.27	8.34	1.52	2.52	93471.45	8.27	851.34	248.51	35.56	495.61	428.50

R5 10/14/04	COAL MILL 2 COAL FEED TPH	COAL MILL 2 EXIT TEMP DEG F	COAL MILL 2 MOTOR POWER % FULL LOAD	COAL MILL 2 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
11:10 AM	5.14	175.17	71.05	11.73	145.27	8.34	1.52	2.44	93509.10	8.24	863.31	253.24	35.46	495.73	429.51
11:11 AM	5.14	175.28	71.05	11.73	145.27	8.34	1.52	2.52	93957.65	8.24	858.16	251.41	36.51	495.61	429.79
11:12 AM	5.14	175.31	71.05	11.76	145.27	8.34	1.52	2.41	95829.60	8.24	862.69	249.91	37.18	495.48	430.10
11:13 AM	5.14	175.35	71.05	11.78	145.27	8.34	1.52	2.33	96433.55	8.34	827.41	253.29	37.48	495.24	430.20
11:14 AM	5.14	175.42	71.05	11.78	144.11	8.34	1.52	2.47	96131.25	8.23	798.18	253.56	34.79	494.99	430.05
11:15 AM	5.14	175.46	71.05	11.78	142.95	8.34	1.52	2.40	96770.55	8.32	770.89	252.45	33.42	494.75	429.80
11:16 AM	5.14	175.39	71.05	11.78	142.95	8.34	1.52	2.36	97509.80	8.48	775.69	253.30	36.82	494.63	429.88
11:17 AM	5.14	175.28	71.05	11.78	142.95	8.34	1.52	2.45	96777.40	8.29	881.71	250.63	39.42	494.63	429.88
11:18 AM	5.14	175.28	71.57	11.78	142.95	8.34	1.52	2.64	96059.35	8.23	882.19	252.19	41.44	494.63	428.94
11:19 AM	5.14	175.39	71.57	11.78	143.97	8.34	1.52	2.49	96002.10	8.28	806.06	254.98	42.81	494.75	430.09
11:20 AM	5.11	175.53	71.57	11.78	146.18	8.34	1.52	2.36	94369.16	8.31	809.44	253.08	42.52	494.75	430.15
11:21 AM	5.11	175.60	71.57	11.78	147.36	8.34	1.52	2.55	93082.50	8.36	807.97	248.16	42.07	494.63	430.46
11:22 AM	5.11	175.57	71.67	11.78	147.36	8.34	1.52	2.56	93689.70	8.26	845.30	246.39	42.77	494.63	430.64
11:23 AM	5.11	175.53	71.57	11.78	147.36	8.34	1.52	2.34	94784.30	8.12	937.89	250.03	44.12	494.75	430.67
11:24 AM	5.11	175.53	71.57	11.78	147.36	8.34	1.52	2.35	96434.65	8.25	892.49	251.51	45.19	494.75	431.00
11:25 AM	5.11	175.50	71.57	11.78	147.36	8.34	1.52	2.61	97086.10	8.35	835.73	250.83	45.43	494.75	430.87
11:26 AM	5.11	175.46	71.57	11.78	147.36	8.34	1.52	2.58	96146.90	8.25	877.32	252.62	45.16	494.75	430.86
11:27 AM	5.11	175.46	71.57	11.73	147.36	8.34	1.52	2.39	97111.80	8.15	932.51	254.04	46.25	495.12	431.17
11:28 AM	5.11	175.53	71.57	11.67	147.36	8.33	1.52	2.31	97325.90	8.15	936.10	254.48	46.93	495.73	431.32
11:29 AM	5.11	175.64	71.57	11.85	147.36	8.33	1.52	2.61	96512.40	8.15	910.97	257.41	46.71	496.09	431.06
11:30 AM	5.11	175.68	71.57	12.03	147.36	8.33	1.52	2.79	95984.70	8.11	912.73	259.10	46.36	496.70	430.91
11:31 AM	5.11	175.64	71.57	12.03	147.36	8.33	1.52	2.59	96487.00	8.22	866.85	258.97	46.27	497.07	431.17
11:32 AM	5.11	175.64	71.57	12.03	147.36	8.33	1.52	2.41	97417.95	8.30	690.06	256.84	45.69	496.71	431.14
11:33 AM	5.11	175.64	71.37	12.03	147.36	8.40	1.52	2.51	98215.05	8.37	676.75	257.71	45.40	495.73	430.74
11:34 AM	5.11	175.31	71.37	12.03	147.36	8.46	1.52	2.68	98756.10	8.54	824.38	258.74	44.34	494.98	430.31
11:35 AM	5.15	174.77	71.37	12.03	147.36	8.46	1.52	2.68	99553.75	8.52	882.44	258.06	42.92	493.28	430.39
11:36 AM	5.15	174.29	71.37	12.03	145.46	8.46	1.52	2.59	98226.50	8.45	912.41	261.51	42.66	492.56	430.69
11:37 AM	5.15	173.92	71.37	11.87	143.56	8.46	1.52	2.41	96437.30	8.39	865.68	265.44	42.49	492.58	430.65
11:38 AM	5.15	173.70	71.37	11.71	143.56	8.46	1.52	2.42	97327.95	8.33	847.45	265.02	43.35	493.41	430.81
11:39 AM	5.15	173.59	71.37	11.71	141.24	8.46	1.52	2.56	97667.10	8.34	839.88	265.18	43.70	494.26	431.17
11:40 AM	5.15	173.52	71.37	11.71	141.10	8.46	1.52	2.42	98091.60	8.38	823.93	267.60	43.08	495.12	431.32
11:41 AM	5.15	173.52	71.37	11.71	144.38	8.46	1.52	2.49	97383.15	8.39	789.22	274.51	43.31	495.85	431.47
11:42 AM	5.15	173.66	71.37	11.71	149.87	8.46	1.52	2.49	97123.90	8.36	855.37	277.48	43.56	496.70	431.93
11:43 AM	5.15	174.14	71.37	11.71	149.27	8.46	1.52	2.45	98719.95	8.34	928.04	273.45	44.59	497.07	432.54
11:44 AM	5.15	174.84	71.37	11.71	143.19	8.46	1.52	2.73	98730.75	8.57	812.37	273.49	45.42	496.46	432.80
11:45 AM	5.15	175.38	71.37	11.71	141.05	8.46	1.52	2.66	98800.35	8.68	781.13	271.80	44.82	495.48	432.65
11:46 AM	5.15	175.62	71.37	11.71	137.46	8.46	1.52	2.44	99948.05	8.70	797.68	267.47	43.83	494.14	432.55
11:47 AM	5.15	176.15	71.37	11.71	137.64	8.46	1.52	2.62	98947.50	8.82	755.94	270.37	42.24	492.67	432.30
11:48 AM	5.15	176.41	71.21	11.71	141.79	8.57	1.69	2.74	98910.40	8.72	753.18	275.32	40.34	492.19	431.62
11:49 AM	5.15	176.63	71.21	11.71	145.62	8.75	1.94	2.24	95677.10	8.42	782.82	282.46	40.00	493.17	431.51
11:50 AM	5.17	176.70	71.21	11.71	145.42	8.82	2.06	1.90	95908.95	8.31	767.61	287.54	41.72	495.00	432.02
11:51 AM	5.17	176.67	71.21	11.71	142.77	8.76	2.00	2.06	98233.50	8.29	769.82	283.54	43.61	497.19	432.60
11:52 AM	5.17	176.52	71.21	11.74	142.77	8.69	1.83	1.77	100432.00	8.31	789.27	282.87	45.73	498.64	433.67
11:53 AM	5.17	176.27	71.21	11.77	142.77	8.69	1.94	1.33	101556.50	8.59	767.52	287.01	46.32	498.17	434.07
11:54 AM	5.17	175.97	71.21	11.77	141.61	8.69	1.95	1.26	101312.55	8.68	796.79	287.20	44.43	496.83	433.77
11:55 AM	5.17	175.71	71.21	11.77	140.45	8.62	1.97	1.86	99313.95	8.53	887.84	286.63	43.97	495.36	433.16
11:56 AM	5.17	175.53	71.21	11.77	140.45	8.54	1.87	2.48	98820.20	8.41	935.98	290.29	45.42	494.26	432.72
11:57 AM	5.17	175.31	71.21	11.77	143.00	8.54	1.97	2.41	100154.60	8.52	888.01	291.74	46.12	493.29	433.00
11:58 AM	5.17	175.06	71.21	11.77	145.55	8.54	1.97	2.01	100470.25	8.68	797.52	292.74	44.36	492.56	432.85
11:59 AM	5.17	174.88	71.21	11.77	143.33	8.54	1.97	1.84	99241.00	8.50	795.79	298.54	42.37	492.92	432.55
12:00 PM	5.17	174.62	71.21	11.77	142.63	8.54	1.92	2.47	98539.20	8.27	818.30	305.96	43.42	494.39	432.94
12:01 PM	5.17	174.40	71.21	11.77	143.16	8.54	1.75	2.75	97678.45	8.24	804.22	312.64	44.94	495.97	433.15
12:02 PM	5.17	174.29	71.21	11.77	142.16	8.54	1.58	2.42	97458.00	8.34	741.52	318.26	45.61	497.44	433.44
12:03 PM	5.17	174.18	71.01	11.77	142.16	8.54	1.52	2.25	99253.00	8.64	668.59	323.17	44.66	497.93	433.52
12:04 PM	5.17	174.14	71.01	11.77	142.16	8.88	1.52	2.30	100472.65	8.88	643.37	321.46	41.44	497.32	433.53
12:05 PM	5.14	174.11	71.01	11.77	142.16	8.73	1.52	2.37	99915.95	9.04	632.80	318.92	39.16	496.22	433.64
12:06 PM	5.14	174.00	71.01	11.77	142.16	8.56	1.52	2.29	99275.75	9.15	623.62	318.07	37.79	494.63	433.60
12:07 PM	5.14	173.81	71.01	11.75	144.09	8.48	1.52	2.38	99659.05	9.12	646.22	316.10	36.88	493.04	433.41
12:08 PM	5.14	173.67	71.01	11.73	143.86	8.48	1.52	2.43	99393.40	8.88	690.22	322.36	37.21	492.31	433.16
12:09 PM	5.14	173.52	71.01	11.73	141.70	8.48	1.52	2.54	98874.00	8.71	708.55	324.20	38.27	492.68	432.80
12:10 PM	5.14	173.45	71.01	11.73	141.70	8.48	1.78	1.96	98569.30	8.61	730.34	322.21	38.51	493.53	432.83
12:11 PM	5.14	173.56	71.01	11.73	143.95	8.48	1.97	1.60	98346.90	8.66	711.78	323.06	38.46	494.27	433.25
12:12 PM	5.14	173.70	71.01	11.73	143.40	8.48	1.83	2.16	97277.65	8.69	678.77	324.34	37.51	495.12	433.25
12:13 PM	5.14	173.92	71.01	11.73	140.59	8.48	1.72	2.49	96574.65	8.52	711.65	330.24	37.30	496.22	433.16
Averages	**5.14**	**174.95**	**71.09**	**11.70**	**146.07**	**8.40**	**1.62**	**2.34**	**96212.32**	**8.19**	**863.15**	**273.52**	**41.22**	**494.99**	**429.18**

STR04686

E-13

11/11/2004

SEA0390

AGCS2M001987

R6 10/14/04	COAL MILL 2 COAL FEED TPH	COAL MILL 2 EXIT TEMP DEG F	COAL MILL 2 MOTOR POWER % FULL LOAD	COAL MILL 2 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
1:18 PM	5.16	176.34	71.05	11.89	143.51	8.51	2.97	0.01	94958.10	7.86	924.29	421.74	41.09	495.12	433.51
1:19 PM	5.16	176.01	71.05	11.89	143.51	8.51	2.52	0.01	96365.35	7.89	845.05	444.50	43.19	495.97	433.83
1:20 PM	5.13	175.68	71.05	11.89	143.51	8.51	1.87	0.06	97793.05	7.76	1207.44	436.63	43.70	496.71	433.96
1:21 PM	5.13	175.57	71.05	11.89	143.51	8.51	1.87	1.49	98192.55	7.54	1448.95	430.77	45.93	497.07	434.37
1:22 PM	5.13	175.68	71.05	11.89	143.51	8.51	1.68	2.71	98794.95	7.53	1388.66	432.11	48.42	497.19	434.79
1:23 PM	5.13	175.75	71.05	11.88	143.51	8.51	1.59	2.48	98647.75	7.62	1558.61	414.94	48.03	496.83	434.82
1:24 PM	5.13	175.79	71.05	11.89	143.51	8.51	1.52	2.37	98904.85	8.12	1369.43	417.56	50.01	495.85	434.98
1:25 PM	5.13	175.71	71.05	11.89	143.51	8.51	1.52	2.43	99091.30	8.82	788.80	427.51	47.82	494.75	434.67
1:26 PM	5.13	175.31	71.05	11.89	143.51	8.51	1.52	2.52	99467.70	9.07	677.83	419.78	42.49	493.77	434.24
1:27 PM	5.13	174.79	71.05	11.78	143.51	8.51	1.52	2.51	100293.90	8.94	695.62	414.39	40.42	492.82	433.84
1:28 PM	5.13	174.25	71.05	11.67	143.51	8.51	1.52	2.38	98535.50	8.88	759.71	408.62	39.83	492.88	433.21
1:29 PM	5.13	173.96	71.05	11.67	143.51	8.51	1.52	2.07	95277.55	8.34	840.66	405.23	39.79	493.41	432.70
1:30 PM	5.13	173.78	71.05	11.67	143.51	8.51	1.52	2.24	95095.75	8.21	845.67	405.29	41.68	494.75	432.69
1:31 PM	5.13	173.59	71.05	11.67	143.51	8.51	1.52	2.48	95988.90	8.14	857.96	405.09	43.62	496.34	433.30
1:32 PM	5.13	173.48	71.05	11.67	143.51	8.51	1.52	2.70	95986.35	8.07	942.40	391.09	45.02	497.68	433.92
1:33 PM	5.13	173.56	71.61	11.67	137.97	8.47	1.52	2.76	96535.65	8.31	912.51	369.74	45.89	498.05	434.67
1:34 PM	5.13	173.78	71.61	11.67	141.59	8.47	1.52	2.60	98999.65	8.64	835.34	357.37	43.85	497.07	435.13
1:35 PM	5.13	174.07	71.61	11.67	147.76	8.47	1.52	2.58	99882.50	8.94	734.26	369.58	41.47	495.48	434.87
1:36 PM	5.13	174.29	71.61	11.67	144.76	8.47	1.52	2.95	99898.15	8.97	573.18	377.02	39.55	494.26	434.86
1:37 PM	5.13	174.47	71.61	11.67	143.37	8.47	1.52	2.80	100069.60	8.93	689.24	369.26	38.80	493.41	434.93
1:38 PM	5.13	174.58	71.61	11.67	144.12	8.47	1.52	2.17	98533.85	8.93	684.19	384.27	38.99	492.68	434.53
1:39 PM	5.13	174.55	71.61	11.67	146.25	8.47	1.52	2.42	95847.35	8.65	724.47	360.60	38.79	492.90	433.65
1:40 PM	5.13	174.55	71.61	11.67	144.72	8.47	1.52	2.56	94514.60	8.47	785.90	367.76	39.40	494.02	433.44
1:41 PM	5.13	174.62	71.61	11.67	143.18	8.66	1.52	2.80	95606.60	8.52	784.75	377.65	39.80	495.36	434.37
1:42 PM	5.13	174.69	71.61	11.67	138.94	8.47	1.52	2.66	97105.45	8.51	764.11	376.06	39.69	496.46	434.98
1:43 PM	5.13	174.73	71.61	11.67	137.92	8.74	1.65	2.36	97793.70	8.49	770.07	368.96	39.80	497.07	435.13
1:44 PM	5.13	174.84	71.61	11.67	143.74	8.50	1.68	2.47	98575.95	8.64	787.53	357.33	40.00	496.95	434.98
1:45 PM	5.13	175.06	71.61	11.67	148.08	9.15	1.55	2.41	99855.90	8.66	784.90	367.35	40.29	496.22	434.87
1:46 PM	5.13	175.20	71.61	11.67	147.22	9.42	1.71	2.26	101012.05	8.63	837.30	357.07	40.19	495.36	434.97
1:47 PM	5.13	175.31	71.61	11.67	143.26	9.05	1.86	2.24	100241.45	8.60	868.44	347.05	40.94	494.75	434.51
1:48 PM	5.13	175.38	71.13	11.67	141.89	9.05	1.87	2.55	98333.30	8.50	904.46	344.27	41.81	494.75	434.35
1:49 PM	5.13	175.38	71.13	11.67	140.47	8.63	1.46	2.16	97789.60	8.44	835.23	349.70	43.29	495.24	434.20
1:50 PM	5.17	175.38	71.13	11.67	141.26	8.63	1.94	1.91	98954.40	8.56	838.92	346.37	44.36	495.48	434.29
1:51 PM	5.17	175.42	71.13	11.67	141.70	8.63	2.60	2.26	99464.35	8.64	836.04	326.76	43.47	494.87	434.47
1:52 PM	5.17	175.50	71.13	11.67	142.98	8.48	2.64	2.58	99585.00	8.42	1239.39	320.89	42.24	494.14	434.39
1:53 PM	5.17	175.57	71.13	11.67	143.48	8.48	2.44	1.59	99498.90	8.23	1569.04	324.87	43.29	493.65	434.38
1:54 PM	5.17	175.64	71.13	11.67	142.79	8.48	2.40	0.20	97986.15	8.55	1185.11	328.39	45.12	493.04	434.19
1:55 PM	5.17	175.68	71.13	11.67	147.97	8.48	2.48	0.09	96266.60	8.65	893.54	324.03	43.28	493.04	433.88
1:56 PM	5.17	175.64	71.13	11.67	148.45	8.48	2.48	1.56	94627.20	8.16	1000.42	335.47	40.65	493.90	433.86
1:57 PM	5.17	175.60	71.13	11.67	145.64	8.48	2.48	2.20	94594.10	7.94	1034.37	373.58	41.40	495.00	434.16
1:58 PM	5.17	175.57	71.13	11.67	145.64	8.48	2.48	0.80	92921.20	8.06	869.38	395.31	40.97	496.22	434.29
1:59 PM	5.17	175.57	71.13	11.67	145.64	8.48	2.48	1.80	92071.50	8.00	843.48	398.61	39.39	497.56	434.28
2:00 PM	5.17	175.64	71.13	11.67	145.64	9.08	2.38	2.78	94625.50	8.07	915.48	380.30	39.26	497.81	434.83
2:01 PM	5.17	175.72	71.13	11.60	145.64	9.22	1.75	2.20	97470.05	8.56	835.03	388.80	40.11	496.34	435.60
2:02 PM	5.17	175.79	71.13	11.53	144.65	9.23	1.55	2.26	98225.10	9.02	664.15	399.35	38.72	494.51	435.60
2:03 PM	5.17	175.82	71.33	11.53	143.65	9.23	1.57	2.42	98193.25	9.04	666.75	403.91	36.08	493.16	435.15
2:04 PM	5.17	175.82	71.33	11.53	143.65	9.23	1.51	2.66	96667.30	8.87	717.09	418.51	34.58	492.43	434.68
2:05 PM	5.15	175.79	71.33	11.53	143.65	9.23	1.51	2.78	94653.80	8.61	758.34	439.38	34.39	492.92	433.97
2:06 PM	5.15	175.79	71.33	11.53	141.52	9.23	1.51	2.49	95267.95	8.30	823.93	464.71	35.12	494.26	433.81
2:07 PM	5.15	175.79	71.33	11.53	144.30	9.23	1.51	2.22	95802.50	8.20	835.15	472.64	36.36	495.60	434.22
2:08 PM	5.15	175.75	71.33	11.53	149.22	9.23	1.51	2.60	94615.70	8.25	839.63	460.28	37.45	496.83	434.22
2:09 PM	5.15	175.75	71.33	11.53	148.81	9.23	1.51	2.78	96319.15	8.34	834.99	456.64	37.95	497.56	434.36
2:10 PM	5.15	175.83	71.33	11.53	142.95	9.23	1.51	2.51	100420.00	8.57	790.69	455.12	38.00	497.19	434.66
2:11 PM	5.15	175.94	71.33	11.53	141.51	9.23	1.97	2.38	101028.35	8.70	768.57	444.23	37.07	496.09	434.72
2:12 PM	5.15	176.05	71.33	11.53	141.51	9.23	1.97	2.42	99613.75	8.81	757.85	433.94	36.79	494.83	434.73
2:13 PM	5.15	176.08	71.33	11.53	141.51	9.23	2.24	2.10	99592.25	8.77	780.91	435.39	37.89	493.65	433.92
2:14 PM	5.15	176.04	71.33	11.53	141.51	9.23	1.52	1.42	100156.25	8.57	797.89	433.04	36.04	493.29	433.41
2:15 PM	5.15	176.04	71.33	11.53	141.51	8.23	1.26	1.05	99707.20	8.26	1081.75	437.79	34.05	493.29	433.69
2:16 PM	5.15	176.08	71.33	11.50	141.51	9.32	1.05	0.92	97356.65	8.07	1159.74	458.56	39.11	494.14	433.73
2:17 PM	5.15	176.16	71.33	11.46	141.51	9.04	1.49	1.20	94888.30	8.10	874.24	475.29	43.26	495.36	433.61
2:18 PM	5.15	176.23	71.65	11.59	141.51	8.30	1.58	1.96	94535.90	8.01	984.59	482.71	41.84	496.58	433.32
2:19 PM	5.15	176.23	71.65	11.95	141.51	7.86	1.50	2.43	95021.95	8.64	906.85	463.81	41.20	497.32	433.61
2:20 PM	5.16	176.16	71.65	12.17	141.51	8.13	1.41	2.35	96727.00	9.74	639.54	420.00	38.70	496.71	434.23
2:21 PM	5.16	176.05	71.65	12.04	141.51	8.47	1.94	2.34	97191.35	10.07	614.17	387.14	33.98	495.36	434.35
2:22 PM	5.16	175.90	71.65	11.90	141.51	8.47	2.56	2.39	96901.95	9.54	660.42	399.55	31.97	494.26	434.12

STR04686

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11/11/2004

SEA0391

AGCS2M001988

R6 10/14/04	COAL MILL 2 COAL FEED TPH	COAL MILL 2 EXIT TEMP DEG F	COAL MILL 2 MOTOR POWER % FULL LOAD	COAL MILL 2 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
2:23 PM	5.16	175.82	71.65	11.90	141.51	8.61	2.51	2.45	98271.20	8.92	720.53	426.09	32.37	493.41	433.82
2:24 PM	5.16	175.86	71.65	11.90	141.51	8.97	2.70	2.36	97178.75	8.81	729.01	444.18	34.36	492.68	433.78
2:25 PM	5.16	175.97	71.65	11.90	140.47	9.32	3.00	1.19	94019.80	8.79	701.16	453.11	35.84	492.43	433.63
2:26 PM	5.16	176.04	71.65	11.90	140.89	9.52	3.00	0.10	93831.90	8.97	671.34	447.60	36.53	492.92	433.46
2:27 PM	5.16	176.01	71.65	11.78	144.09	9.58	3.00	0.02	94840.20	8.93	692.89	446.92	35.83	493.90	433.80
2:28 PM	5.16	175.90	71.65	11.53	149.47	9.58	3.00	0.01	95887.85	8.53	745.11	457.34	36.22	495.12	434.10
2:29 PM	5.16	175.79	71.65	11.40	150.31	9.58	2.82	0.01	96872.90	8.37	772.91	460.93	38.35	495.97	434.66
2:30 PM	5.16	175.72	71.65	11.28	146.50	9.65	2.12	0.01	96470.00	8.21	802.00	458.21	40.01	496.58	434.88
2:31 PM	5.16	175.75	71.65	11.15	145.50	9.41	2.58	0.01	96394.65	7.95	893.78	463.09	40.52	496.83	434.83
2:32 PM	5.16	175.86	71.65	11.29	143.21	8.66	1.55	0.01	98650.00	7.92	950.85	468.29	41.04	496.22	434.99
2:33 PM	5.16	175.94	71.89	11.59	139.34	8.33	1.46	0.01	99655.85	8.05	1115.96	452.38	42.15	495.24	434.59
2:34 PM	5.16	176.94	71.89	11.78	142.10	8.45	1.37	0.74	99021.15	7.84	1612.71	435.29	42.89	494.39	434.38
2:35 PM	5.15	175.97	71.89	11.76	144.88	8.45	1.37	1.93	99608.35	7.89	1736.07	432.84	45.36	493.78	434.38
2:36 PM	5.15	176.09	71.89	11.76	146.13	8.45	1.37	2.58	99212.40	7.89	1358.77	434.58	48.29	493.53	434.22
2:37 PM	5.15	176.16	71.89	11.76	147.31	8.45	1.37	2.51	99286.20	8.25	992.93	431.55	47.91	493.53	434.07
2:38 PM	5.15	176.19	71.89	11.76	142.28	8.45	1.37	2.38	99098.95	8.41	817.75	423.33	45.20	493.53	434.22
2:39 PM	5.15	176.23	71.89	11.76	141.33	8.45	1.37	2.48	98426.15	8.75	749.98	431.01	42.76	493.29	434.22
2:40 PM	5.15	176.26	71.89	11.76	143.74	8.45	1.37	2.52	98143.05	9.05	704.22	443.08	39.14	493.04	434.04
2:41 PM	5.15	176.23	71.89	11.76	143.74	8.45	1.46	2.43	97101.70	8.94	704.50	448.86	35.38	493.18	433.99
2:42 PM	5.15	176.12	71.89	11.76	143.74	8.45	1.53	2.49	96877.20	8.74	707.55	451.93	33.68	493.77	433.61
2:43 PM	5.15	176.04	71.89	11.76	145.14	8.45	1.53	2.65	96336.65	8.51	754.90	442.09	33.55	494.63	433.38
2:44 PM	5.15	176.04	71.89	11.76	146.53	8.45	1.53	2.50	94422.05	8.29	826.40	429.00	34.77	495.60	433.78
2:45 PM	5.15	176.12	71.89	11.76	146.63	8.45	1.53	2.41	93905.65	8.14	849.66	427.39	37.56	496.95	434.08
2:46 PM	5.15	176.30	71.89	11.76	146.53	8.45	1.53	2.60	93538.70	8.27	831.13	425.99	40.01	497.68	434.45
2:47 PM	5.15	176.45	71.89	11.76	146.53	8.45	1.53	2.64	94231.00	8.54	859.69	408.28	40.72	496.95	434.57
2:48 PM	5.15	176.56	71.81	11.81	146.53	8.46	1.53	2.44	96602.85	8.60	884.45	385.30	41.47	495.85	434.94
2:49 PM	5.15	176.60	71.81	11.85	146.53	8.53	1.53	2.33	99192.35	8.71	831.12	368.42	42.89	494.75	435.57
2:50 PM	5.14	176.45	71.81	11.85	146.53	8.59	1.53	2.57	100097.50	8.93	753.12	362.60	43.23	493.53	435.59
2:51 PM	5.14	176.18	71.81	11.85	146.53	8.59	1.53	2.83	98328.55	8.90	745.85	366.61	42.93	492.80	435.04
2:52 PM	5.14	175.90	71.81	11.85	146.53	8.59	1.53	2.63	97402.55	8.70	756.82	374.14	42.89	493.04	434.28
2:53 PM	5.14	175.64	71.81	11.85	146.53	8.59	1.60	2.39	94934.90	8.52	776.22	372.15	43.08	494.14	433.92
2:54 PM	5.14	175.42	71.81	11.85	142.70	8.59	1.70	2.09	94269.45	8.43	789.68	373.16	42.69	495.12	434.21
2:55 PM	5.14	175.24	71.81	11.85	143.33	8.59	1.82	2.13	94648.85	8.37	788.04	385.24	42.39	495.97	434.82
2:56 PM	5.14	175.09	71.81	11.85	145.81	8.59	1.70	2.15	94471.95	8.30	788.71	394.12	42.05	496.71	434.85
2:57 PM	5.14	174.91	71.81	11.85	146.18	8.59	1.87	1.86	96925.80	8.39	760.39	399.32	41.88	496.95	434.85
2:58 PM	5.14	174.77	71.81	11.85	147.04	8.59	1.87	1.81	99278.60	8.62	746.30	395.04	41.59	496.59	435.28
2:59 PM	5.14	174.73	71.81	11.85	145.55	8.59	1.87	1.80	99744.25	8.87	761.20	391.55	41.75	495.73	435.57
3:00 PM	5.14	174.77	71.81	11.85	140.75	8.59	1.87	2.11	99875.35	8.75	739.26	395.91	43.29	494.39	435.42
3:01 PM	5.14	174.84	71.81	11.85	140.36	8.59	1.87	2.42	99300.95	8.74	762.38	396.49	43.40	493.29	434.99
3:02 PM	5.14	174.87	71.81	11.85	146.50	8.59	1.52	2.41	98074.35	8.59	785.43	390.47	42.66	493.29	434.47
3:03 PM	5.14	174.76	71.85	11.82	148.24	8.59	1.52	2.35	96526.30	8.46	738.85	390.64	42.99	494.39	434.17
3:04 PM	5.14	174.54	71.85	11.65	144.74	8.74	1.52	2.37	96756.55	8.56	691.01	395.84	43.27	495.81	434.17
3:05 PM	5.11	174.32	71.85	11.51	139.66	9.08	1.52	2.27	97261.70	8.61	687.92	399.73	41.88	496.46	434.77
3:06 PM	5.11	174.14	71.85	11.51	136.08	9.36	1.52	2.49	97092.60	8.62	703.76	395.81	40.40	496.95	434.88
3:07 PM	5.11	174.00	71.85	11.65	138.08	9.28	2.12	2.91	96006.40	8.75	699.25	387.25	39.26	496.58	434.73
3:08 PM	5.11	173.92	71.85	11.79	138.08	9.05	2.66	1.99	95890.40	8.77	729.87	388.55	38.61	495.60	435.27
3:09 PM	5.11	173.92	71.85	11.79	138.08	8.73	2.90	0.57	97616.75	8.76	758.82	393.70	39.19	494.51	435.57
3:10 PM	5.11	173.92	71.85	11.79	138.08	8.47	2.77	0.09	98331.10	8.75	768.04	392.10	40.32	493.53	435.59
3:11 PM	5.11	173.92	71.85	11.79	138.08	8.47	1.52	0.21	96370.80	8.35	1165.59	387.22	41.51	493.16	435.14
3:12 PM	5.11	173.89	71.85	11.79	138.08	8.47	1.52	1.70	94557.60	7.93	1421.92	394.27	44.84	493.65	434.64
3:13 PM	5.11	173.85	71.85	11.96	138.08	8.47	1.52	2.93	94571.40	7.91	1172.06	417.72	47.15	494.63	434.88
3:14 PM	5.11	173.78	71.85	12.13	138.08	8.47	1.52	2.53	95731.20	7.84	1030.20	427.51	43.44	495.48	435.08
3:15 PM	5.11	173.63	71.85	12.13	138.08	8.47	1.52	2.38	96577.25	8.02	910.09	439.84	40.02	495.97	435.59
3:16 PM	5.11	173.55	71.85	11.95	138.08	8.56	1.52	2.32	96875.50	8.48	773.14	447.90	41.46	496.34	435.76
3:17 PM	5.11	173.52	71.85	11.54	150.79	8.92	1.52	2.17	97731.10	8.68	723.36	440.49	41.00	496.71	435.54
3:18 PM	5.11	173.56	71.77	11.32	142.58	9.30	1.52	2.67	98117.80	8.63	731.02	445.15	39.63	496.83	435.83
3:19 PM	5.11	173.78	71.77	11.32	146.20	9.50	1.86	2.56	96757.20	8.61	751.66	460.80	39.53	496.46	435.75
3:20 PM	5.14	174.11	71.77	11.32	146.20	9.57	2.55	2.07	98119.10	8.70	743.30	474.67	38.81	495.73	435.45
3:21 PM	5.14	174.40	71.77	11.32	138.87	9.64	2.90	2.20	98688.30	8.98	696.75	476.16	37.73	494.63	435.34
3:22 PM	5.14	174.58	71.77	11.32	141.10	9.70	3.00	2.58	97027.00	9.14	663.99	489.57	35.91	493.53	435.03
3:23 PM	5.14	174.69	71.77	11.32	145.85	9.70	3.00	1.44	95904.40	9.26	641.12	496.95	34.29	492.55	434.53
3:24 PM	5.14	174.73	71.77	11.32	145.55	9.71	3.00	0.11	95511.10	9.46	622.61	492.36	32.88	492.19	434.22
3:25 PM	5.14	174.69	71.77	11.32	145.55	9.72	3.00	0.02	95314.10	9.23	634.05	514.53	31.31	493.04	434.07
3:26 PM	5.14	174.62	71.77	11.32	141.47	9.72	3.00	0.01	94238.35	8.68	683.48	557.85	31.69	494.63	434.38
3:27 PM	5.14	174.66	71.77	11.32	144.85	9.72	3.00	0.01	94182.25	8.25	735.34	583.84	33.85	495.97	434.93

R6 10/14/04	COAL MILL 2 COAL FEED TPH	COAL MILL 2 EXIT TEMP DEG F	COAL MILL 2 MOTOR POWER % FULL LOAD	COAL MILL 2 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
3:28 PM	5.14	174.80	71.77	11.32	141.98	9.72	2.90	0.01	93882.55	7.90	820.71	585.03	36.28	496.95	435.08
3:29 PM	5.14	175.06	71.77	11.32	147.22	9.72	3.00	0.01	94724.60	7.88	1059.97	564.97	38.39	497.44	435.14
3:30 PM	5.14	175.39	71.77	11.32	143.93	9.72	3.00	0.01	96351.30	7.80	1079.14	575.21	40.46	497.32	435.29
3:31 PM	5.14	175.68	71.77	11.32	141.61	9.72	3.00	0.01	96285.05	8.14	822.50	606.43	40.96	496.46	435.29
3:32 PM	5.14	175.93	71.77	11.43	147.92	9.72	3.00	0.01	97067.85	8.40	722.23	620.28	39.13	495.12	435.44
3:33 PM	5.14	176.08	71.37	11.53	149.91	9.60	3.00	0.99	98025.95	8.47	751.67	618.78	37.35	493.78	435.29
3:34 PM	5.14	176.16	71.37	11.53	145.13	9.80	3.00	1.09	98446.20	8.34	814.58	619.99	36.30	492.92	434.83
3:35 PM	5.16	176.19	71.37	11.53	147.59	10.19	3.00	0.11	98250.10	8.38	760.47	634.82	35.87	493.04	434.54
3:36 PM	5.16	176.19	71.37	11.53	143.05	10.18	3.00	0.10	96388.10	8.23	726.88	652.90	35.58	493.90	434.47
3:37 PM	5.16	176.19	71.37	11.77	139.15	9.89	3.00	0.26	96725.00	7.83	808.07	663.18	36.38	494.88	434.77
3:38 PM	5.16	176.23	71.37	12.20	144.53	9.68	3.00	0.25	97628.60	7.87	819.96	677.91	37.56	495.61	435.44
3:39 PM	5.16	176.30	71.37	12.39	148.24	9.68	3.00	0.09	97056.15	8.10	813.57	674.72	36.44	496.22	435.68
3:40 PM	5.16	176.34	71.37	12.39	148.24	9.68	3.00	0.02	96436.00	7.99	816.95	659.03	34.69	496.71	435.13
3:41 PM	5.16	176.45	71.37	12.39	144.85	9.68	3.00	0.01	97817.25	7.86	756.54	675.36	35.58	496.63	434.98
3:42 PM	5.16	176.63	71.37	12.39	144.85	9.68	2.18	0.01	99351.85	8.06	725.32	689.15	36.68	496.34	435.14
3:43 PM	5.16	176.63	71.37	12.14	144.85	9.68	1.50	0.01	99678.20	8.02	1083.48	668.37	36.65	495.48	435.44
3:44 PM	5.16	176.45	71.37	11.89	148.01	8.68	1.50	0.01	98827.50	8.18	1108.80	674.83	38.27	494.75	435.27
3:45 PM	5.16	176.19	71.37	11.89	143.32	9.68	1.50	0.01	98235.95	8.49	741.72	707.38	39.08	494.39	434.66
3:46 PM	5.16	175.93	71.37	11.89	143.32	9.68	1.50	0.01	98936.70	8.48	714.99	702.97	37.67	493.90	434.73
3:47 PM	5.16	175.68	71.37	11.89	143.32	9.35	1.50	0.01	99713.70	8.41	710.25	695.19	37.06	493.41	434.88
3:48 PM	5.16	175.42	72.34	11.89	143.32	8.74	1.50	0.89	100055.90	8.50	699.30	705.31	36.71	493.04	434.68
3:49 PM	5.16	175.17	72.34	11.89	148.15	8.47	1.50	2.08	98227.90	8.48	685.74	712.00	35.39	492.82	434.58
3:50 PM	5.15	174.95	72.34	11.89	145.64	8.47	1.50	2.49	96474.45	8.77	669.68	577.57	34.95	493.29	434.37
3:51 PM	5.15	174.73	72.34	11.89	145.64	8.47	1.50	2.49	95715.20	9.42	655.81	534.17	33.52	493.78	434.32
3:52 PM	5.15	174.51	72.34	11.89	145.64	8.47	1.50	2.43	96048.00	9.55	651.34	511.19	30.62	494.39	434.24
3:53 PM	5.15	174.36	70.16	11.89	145.64	8.47	1.50	2.59	96980.20	9.18	651.55	600.92	30.07	495.36	434.21
3:54 PM	5.15	174.25	70.16	11.89	145.64	8.47	1.50	2.68	96843.70	8.88	682.09	588.70	31.69	496.34	434.51
3:55 PM	5.15	174.18	70.16	11.89	145.64	8.47	1.50	2.78	94871.90	8.54	685.48	580.68	32.85	497.07	434.59
3:56 PM	5.15	174.11	70.16	11.89	145.64	8.47	1.50	2.46	93807.90	8.79	668.85	583.64	33.74	497.20	434.69
3:57 PM	5.15	174.03	74.27	11.89	145.64	8.47	1.50	2.62	95368.55	8.81	702.56	531.93	36.68	496.58	435.23
3:58 PM	5.15	174.03	74.27	11.84	145.64	8.47	1.50	2.69	97456.00	8.69	706.46	506.75	40.08	495.48	435.49
3:59 PM	5.15	174.14	72.18	11.78	145.64	8.47	1.50	2.64	98953.90	8.79	716.16	487.41	41.52	494.14	435.40
4:00 PM	5.15	174.18	72.18	11.78	145.64	8.47	1.50	2.54	99615.35	8.74	759.69	428.03	43.06	492.92	435.11
4:01 PM	5.15	174.18	72.18	11.78	145.64	8.47	1.50	2.35	98036.00	8.58	821.98	389.43	43.96	492.68	434.58
4:02 PM	5.15	174.14	72.18	11.78	145.64	8.47	1.50	2.30	95906.75	8.30	915.70	377.36	45.05	493.78	434.26
4:03 PM	5.15	174.03	72.18	11.78	145.64	8.47	1.50	2.37	95484.35	8.11	1022.71	355.03	45.55	495.36	434.74
4:04 PM	5.15	173.59	72.18	11.78	144.41	8.47	1.50	2.41	95944.15	8.05	1054.69	362.16	47.68	496.95	435.14
4:05 PM	5.15	173.23	72.18	11.78	143.18	8.47	1.50	2.45	96269.45	8.11	1060.75	357.50	48.18	497.93	435.29
4:06 PM	5.16	173.37	72.18	11.78	143.18	8.47	1.50	2.50	96305.95	8.37	1015.28	344.88	48.05	497.58	435.42
4:07 PM	5.16	173.70	72.18	11.78	145.11	8.47	1.50	2.32	97445.00	8.68	915.35	336.70	46.86	496.22	435.68
4:08 PM	5.16	174.07	72.18	11.78	146.07	8.47	1.50	2.30	98678.45	8.81	868.50	335.00	45.23	494.75	435.89
4:09 PM	5.16	174.36	72.18	11.78	145.09	8.47	1.50	2.33	99297.55	8.91	849.53	329.12	44.21	493.29	435.18
4:10 PM	5.16	174.62	72.18	11.78	144.02	8.47	1.50	2.50	98955.30	8.81	897.69	326.29	43.05	492.43	434.46
4:11 PM	5.16	174.77	72.18	11.78	142.95	8.47	1.50	2.68	96541.30	8.49	1007.36	329.87	42.74	492.92	434.18
4:12 PM	5.16	174.88	72.18	11.78	141.17	8.47	1.50	2.64	95498.30	8.29	1025.22	339.87	43.14	494.26	434.38
4:13 PM	5.16	175.10	72.18	11.71	143.44	8.47	1.50	2.53	95048.10	8.34	910.14	351.15	43.24	495.73	434.98
4:14 PM	5.16	175.31	71.61	11.63	148.82	8.47	1.50	2.33	94572.55	8.26	833.47	350.18	39.72	496.85	435.00
4:15 PM	5.16	175.46	71.61	11.63	149.10	8.47	1.50	2.39	95949.95	8.30	855.84	353.16	37.85	497.44	434.94
4:16 PM	5.16	175.57	71.61	11.86	147.06	8.47	1.50	2.48	99132.05	8.48	920.21	364.41	41.98	497.32	435.68
4:17 PM	5.16	175.68	71.61	12.23	143.95	8.47	1.50	2.55	100906.75	8.68	868.87	370.91	44.97	496.58	436.36
4:18 PM	5.16	175.79	71.61	12.37	142.89	8.47	1.50	2.62	100658.35	8.92	750.95	367.51	44.61	495.24	436.12
4:19 PM	5.16	175.82	71.61	12.37	141.70	8.47	1.50	2.61	100192.75	9.13	678.04	364.01	43.27	493.66	435.37
4:20 PM	5.16	175.82	71.61	12.37	140.84	8.47	1.50	2.49	98733.70	9.00	755.15	369.02	41.09	492.56	435.00
4:21 PM	5.16	175.82	71.61	12.37	140.77	8.47	1.50	2.42	96595.90	8.62	936.00	368.07	40.59	492.43	434.67
4:22 PM	5.16	175.86	71.61	12.37	146.13	8.47	1.50	2.52	94699.95	8.38	897.10	373.45	41.93	493.53	434.66
4:23 PM	5.16	175.94	71.61	12.37	147.11	8.47	1.86	2.43	94443.65	8.29	932.39	387.91	43.52	495.00	434.96
4:24 PM	5.16	176.01	71.61	12.37	140.19	8.47	2.52	2.45	94163.75	8.29	858.32	402.70	44.54	495.97	435.19
4:25 PM	5.16	176.15	71.61	12.37	141.82	8.47	2.18	2.53	95212.55	8.25	865.72	420.95	44.54	496.83	435.34
4:26 PM	5.16	176.37	71.61	12.19	145.99	8.47	2.18	2.52	97830.50	8.34	854.87	432.87	43.67	497.18	435.74
Averages	**5.15**	**175.27**	**71.61**	**11.76**	**143.99**	**8.82**	**1.89**	**1.83**	**97112.14**	**8.49**	**853.52**	**445.34**	**40.11**	**495.02**	**434.64**

R7 10/14/04	COAL MILL 2 COAL FEED TPH	COAL MILL 2 EXIT TEMP DEG F	COAL MILL 2 MOTOR POWER % FULL LOAD	COAL MILL 2 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
5:08 PM	5.16	174.84	71.45	11.87	146.06	8.46	1.51	2.43	100358.80	8.76	891.44	428.75	42.48	492.80	434.09
5:10 PM	5.16	174.99	71.45	11.87	146.06	8.46	1.51	2.61	97427.80	8.61	871.90	433.67	42.00	492.80	433.67
5:11 PM	5.16	174.99	71.45	11.87	146.06	8.46	1.51	2.57	96259.60	8.38	889.51	443.23	42.65	494.02	433.85
5:12 PM	5.16	174.95	71.45	11.87	140.96	8.46	1.51	2.28	95853.30	8.21	964.02	447.11	43.37	495.36	434.10
5:13 PM	5.16	174.91	71.45	11.87	135.58	8.46	1.51	2.51	95814.30	8.18	972.59	455.29	43.63	496.58	434.02
5:14 PM	5.16	174.87	72.14	11.87	143.32	8.46	1.51	2.52	96668.05	8.22	828.23	447.43	40.15	497.32	434.16
5:15 PM	5.16	174.95	72.14	11.87	146.76	8.46	1.51	2.58	96570.20	8.36	1016.69	433.88	37.04	496.83	434.22
5:16 PM	5.16	175.02	72.14	11.87	149.08	8.46	1.51	2.65	97656.15	8.49	1061.57	452.51	39.83	495.97	434.30
5:17 PM	5.16	175.09	72.14	11.87	146.71	8.46	1.51	2.27	98808.30	8.62	923.51	477.36	42.72	494.88	434.29
5:18 PM	5.16	175.24	72.14	11.87	141.42	8.46	1.51	2.47	99371.50	8.75	839.45	482.84	43.10	493.41	433.97
5:18 PM	5.16	175.35	72.14	11.77	143.93	8.46	1.51	2.63	99278.95	8.63	872.73	491.57	43.11	492.88	433.57
5:20 PM	5.15	175.38	72.14	11.67	153.76	8.46	1.51	2.47	96851.90	8.47	834.86	507.26	43.73	493.04	433.25
5:21 PM	5.15	175.38	72.14	11.67	149.12	8.46	1.51	2.52	96523.10	8.45	753.17	511.89	43.87	493.90	433.50
5:22 PM	5.15	175.42	72.14	11.67	141.79	8.46	1.51	2.39	96330.75	8.46	770.29	508.07	43.15	494.75	433.76
5:23 PM	5.15	175.42	72.14	11.67	141.79	8.46	1.51	2.30	95629.35	8.35	845.82	509.62	43.39	495.61	433.92
5:24 PM	5.15	175.42	72.14	11.67	141.79	8.46	1.51	2.35	94472.90	8.31	875.01	512.67	44.47	496.46	433.93
5:25 PM	5.15	175.50	72.14	11.67	141.79	8.46	1.51	2.43	94286.75	8.35	816.89	511.39	45.85	497.44	434.23
5:26 PM	5.15	175.61	72.14	11.67	141.79	8.46	1.51	2.49	97194.45	8.62	738.10	504.22	46.26	497.31	434.84
5:27 PM	5.15	175.72	72.14	11.67	141.79	8.46	1.51	2.55	98160.40	8.93	718.50	496.21	45.06	495.79	434.87
5:28 PM	5.15	175.75	72.14	11.67	141.79	8.46	1.51	2.65	99200.30	9.00	732.19	499.39	43.04	493.78	434.41
5:29 PM	5.15	175.75	74.31	11.67	141.79	8.46	1.51	2.60	99720.90	8.83	782.22	504.61	41.62	492.49	434.09
5:30 PM	5.15	175.75	77.49	11.67	141.79	8.46	1.51	2.33	99485.05	8.42	974.25	503.18	42.73	492.67	434.19
5:31 PM	5.15	175.68	77.49	11.67	141.79	8.46	1.51	2.27	97539.35	8.15	1021.44	503.17	46.35	494.26	434.24
5:32 PM	5.82	175.80	77.49	11.67	141.79	8.46	1.45	2.37	97905.75	8.21	914.47	507.04	48.54	495.73	434.58
5:33 PM	5.82	175.53	77.49	11.67	141.79	8.48	1.51	2.30	98168.90	8.17	984.64	502.43	47.65	496.58	434.96
5:34 PM	5.82	175.42	77.49	11.66	144.44	8.46	1.51	2.43	97344.25	8.16	1075.92	493.87	46.29	496.95	435.13
5:35 PM	5.82	175.46	77.49	11.65	140.73	8.46	1.51	2.71	97128.00	8.37	962.63	488.65	46.20	496.56	435.11
5:36 PM	5.82	175.50	77.49	11.65	140.73	8.46	1.51	2.68	97188.90	8.59	871.02	483.26	43.79	495.85	434.79
5:37 PM	5.82	175.10	77.49	11.65	146.99	8.46	1.51	2.48	97383.25	8.56	943.88	488.94	42.13	495.24	434.66
5:38 PM	5.82	174.18	77.49	11.65	151.21	8.46	1.51	2.23	96486.75	8.58	942.62	492.59	41.05	494.75	434.28
5:39 PM	5.82	173.26	79.58	11.65	148.38	8.46	1.51	2.35	95634.70	8.58	897.39	484.54	40.69	494.51	434.12
5:40 PM	5.82	172.60	79.58	11.52	141.10	8.46	1.51	2.46	96348.40	8.55	887.82	484.01	41.29	494.27	434.27
5:41 PM	5.82	172.49	79.58	11.38	143.23	8.47	1.51	2.37	97351.10	8.63	851.64	487.81	40.90	493.65	433.72
5:42 PM	5.82	172.89	79.58	11.38	143.23	8.47	1.51	2.45	97384.80	8.67	852.45	491.97	39.25	492.80	433.23
5:43 PM	5.82	173.37	79.58	11.38	143.23	8.47	1.51	2.47	96248.15	8.55	854.37	500.09	37.67	492.56	432.87
5:44 PM	5.82	173.85	79.58	11.38	143.23	8.47	1.51	2.42	95209.00	8.40	841.90	506.57	36.71	493.17	432.79
5:45 PM	5.82	174.14	79.58	11.38	143.23	8.47	1.51	2.56	94357.05	8.31	822.59	510.42	36.24	494.14	433.40
5:46 PM	5.82	174.29	79.58	11.38	145.55	8.47	1.51	2.68	94534.65	8.18	883.60	516.81	36.69	495.36	433.78
5:47 PM	5.84	174.40	79.58	11.38	145.55	8.47	1.51	2.51	95202.95	8.15	931.45	519.58	38.09	496.58	433.90
5:48 PM	5.84	174.51	79.58	11.38	146.80	8.47	1.51	2.54	95115.75	8.25	862.22	522.16	39.87	497.32	434.20
5:49 PM	5.84	174.69	79.58	11.38	143.56	8.47	1.51	2.57	95476.30	8.42	850.18	512.65	38.56	496.95	434.83
5:50 PM	5.84	174.88	79.58	11.38	143.56	8.47	1.51	2.45	98678.05	8.53	949.30	494.70	38.61	495.85	435.04
5:51 PM	5.84	175.02	79.58	11.38	141.05	8.47	1.51	2.45	99059.15	8.56	943.30	487.84	39.11	494.63	434.74
5:52 PM	5.84	175.20	79.58	11.38	143.18	8.47	1.51	2.30	98891.65	8.56	962.68	486.26	39.59	493.53	434.54
5:53 PM	5.84	175.42	78.58	11.38	145.27	8.47	1.51	2.19	97284.55	8.60	978.89	487.81	39.31	492.68	434.14
5:54 PM	5.84	175.50	78.58	11.38	145.27	8.47	1.51	2.21	96188.55	8.55	882.60	492.77	38.21	492.88	433.88
5:55 PM	5.84	175.50	78.58	11.38	145.27	8.47	1.51	2.32	97112.55	8.36	909.48	499.60	37.29	493.41	433.48
5:56 PM	5.84	175.57	78.58	11.37	145.27	8.47	1.51	2.52	96517.80	8.15	1009.87	504.62	36.90	494.38	433.62
5:57 PM	5.84	175.71	78.58	11.37	145.27	8.47	1.51	2.32	94125.70	8.17	963.41	511.67	37.02	495.38	433.75
5:58 PM	5.84	175.86	78.58	11.37	145.27	8.47	1.51	2.11	94533.15	8.24	888.16	515.00	37.01	496.22	433.74
5:59 PM	5.84	175.90	78.58	11.37	145.27	8.47	1.51	2.30	95907.80	8.27	877.39	521.16	37.51	496.95	434.03
6:00 PM	5.84	175.94	78.58	11.37	145.27	8.47	1.51	2.39	97124.20	8.34	889.79	530.43	38.01	497.18	434.33
6:01 PM	5.84	176.12	78.58	11.37	145.27	8.47	1.51	2.65	98964.75	8.51	905.05	523.51	37.69	496.58	434.46
6:02 PM	5.84	176.34	78.58	11.37	145.27	8.47	1.51	3.00	98618.80	8.82	861.59	519.57	37.69	495.81	434.49
6:03 PM	5.84	176.49	78.58	11.37	147.82	8.47	1.51	2.48	98330.25	8.67	836.54	515.23	37.87	494.63	434.10
6:04 PM	5.84	176.56	78.58	11.37	145.32	8.47	1.51	2.32	98357.25	8.77	801.93	504.05	37.88	493.65	433.74
6:05 PM	5.83	176.52	78.58	11.37	147.38	8.47	1.51	2.33	97854.45	8.80	781.28	500.26	37.81	492.80	433.28
6:06 PM	5.83	176.41	78.58	11.37	144.72	8.47	1.51	2.38	97007.00	8.51	898.65	497.90	37.55	492.80	432.85
6:07 PM	5.83	176.23	78.58	11.37	144.72	8.47	1.51	2.71	96240.85	8.20	991.97	501.07	38.76	493.77	433.00
6:08 PM	5.83	175.90	78.58	11.37	147.04	8.47	1.51	2.59	95910.90	8.14	991.41	505.49	39.87	494.67	433.30
6:09 PM	5.83	175.53	78.74	11.37	142.56	8.47	1.42	2.66	95479.40	8.09	987.61	502.98	39.60	495.85	433.61
6:10 PM	5.83	175.27	78.74	11.42	145.04	8.47	1.42	2.71	95669.65	8.15	933.52	502.85	39.03	496.58	433.61
6:11 PM	5.83	175.16	78.74	11.47	145.04	8.47	1.42	2.16	95895.85	8.21	936.32	501.14	38.46	496.83	433.92
6:12 PM	5.83	175.13	78.74	11.47	145.04	8.47	1.42	2.34	95866.55	8.30	1016.46	463.85	38.27	496.09	434.38
6:13 PM	5.83	175.13	78.74	11.47	141.42	8.47	1.42	2.49	96970.05	8.46	1002.60	480.71	38.72	494.75	434.39
6:14 PM	5.83	175.16	78.74	11.47	143.79	8.47	1.42	2.31	96998.35	8.51	939.12	477.96	36.35	493.53	434.25
6:15 PM	5.83	175.16	78.74	11.47	143.79	8.47	1.42	2.36	95984.60	8.41	991.71	469.54	33.19	492.80	433.66
6:16 PM	5.83	175.16	78.74	11.47	146.85	8.47	1.42	2.40	95417.75	8.24	1055.42	477.80	35.06	492.92	433.03

STR04686

E-17

11/11/2004

SEA0394

AGCS2M001991

R7 10/14/04	COAL MILL 2 COAL FEED TPH	COAL MILL 2 EXIT TEMP DEG F	COAL MILL 2 MOTOR POWER % FULL LOAD	COAL MILL 2 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
6:17 PM	5.83	175.06	78.74	11.47	144.76	8.47	1.42	2.00	95563.15	8.11	1071.46	488.18	38.00	493.77	433.16
6:18 PM	5.83	174.95	78.74	11.47	146.71	8.47	1.42	2.04	95086.80	8.13	1072.76	493.00	38.59	494.51	433.58
6:19 PM	5.84	174.88	78.74	11.47	146.71	8.47	1.42	2.50	95547.55	8.21	1047.14	495.48	38.60	494.75	433.69
6:20 PM	5.84	174.80	78.74	11.47	146.71	8.47	1.38	2.50	96768.50	8.24	1032.19	494.64	37.15	494.87	433.57
6:21 PM	5.84	174.80	78.74	11.47	146.71	8.47	1.42	2.34	96064.05	8.17	1025.88	497.89	38.89	495.36	433.48
6:22 PM	5.84	174.84	78.74	11.47	146.71	8.47	1.42	2.37	95151.15	8.19	979.92	498.25	37.90	495.65	433.32
6:23 PM	5.84	174.84	78.74	11.47	146.71	8.41	1.26	2.53	97234.80	8.27	994.99	485.45	38.48	495.61	433.61
6:24 PM	5.84	174.77	78.74	11.47	146.71	8.41	1.42	2.61	101600.35	8.66	1040.54	486.43	39.06	493.65	433.91
6:25 PM	5.84	174.77	78.74	11.40	146.71	8.47	1.37	2.42	104105.40	9.02	1018.04	452.23	38.70	490.23	433.71
6:26 PM	5.84	174.84	78.74	11.33	146.71	8.47	1.37	2.42	103948.30	9.15	1028.19	439.36	38.15	486.57	433.24
6:27 PM	5.84	174.87	78.74	11.33	146.71	8.47	1.37	2.43	104571.60	9.12	1148.76	424.69	38.75	483.52	432.60
6:28 PM	5.84	174.91	78.74	11.33	146.71	8.47	1.37	2.31	105673.35	9.12	1188.46	416.81	39.88	481.08	431.86
6:29 PM	5.84	174.91	78.74	11.33	146.71	8.47	1.37	2.39	103346.90	9.10	983.35	425.86	40.57	480.10	430.72
6:30 PM	5.84	174.76	78.74	11.33	146.71	8.47	1.37	2.61	100587.85	8.84	959.24	435.12	40.20	481.20	429.95
6:31 PM	5.84	174.58	78.74	11.33	146.71	8.47	1.37	2.48	100861.05	8.80	1060.27	437.05	39.43	482.91	429.95
6:32 PM	5.84	174.40	78.74	11.46	146.71	8.47	1.37	2.36	100811.45	8.61	1033.13	437.88	39.30	484.13	430.10
6:33 PM	5.84	174.29	78.74	11.58	145.62	8.47	1.37	2.64	99940.00	8.84	957.62	437.70	38.52	484.37	430.16
6:34 PM	5.85	174.22	78.74	11.58	143.07	8.47	1.32	2.75	100631.85	9.04	853.41	418.28	36.41	483.52	430.01
6:35 PM	5.86	174.14	78.74	11.58	141.61	8.47	1.32	2.39	101278.65	9.08	959.20	397.55	35.01	482.05	429.64
6:36 PM	5.86	174.18	78.74	11.58	142.98	8.47	1.32	2.46	102383.40	9.06	1042.56	395.67	35.98	480.71	429.51
6:37 PM	5.86	174.18	78.74	11.58	144.34	8.47	1.32	2.69	102493.30	9.13	991.43	395.04	37.39	479.74	429.21
6:38 PM	5.86	173.96	78.74	11.58	145.46	8.47	1.32	2.62	101313.25	9.15	903.27	404.28	37.93	479.25	428.74
6:39 PM	5.86	173.70	80.83	11.58	146.57	8.47	1.32	2.53	101100.70	9.09	902.17	416.57	38.70	479.12	428.28
6:40 PM	5.86	173.37	80.83	11.58	145.46	8.47	1.32	2.40	102258.70	9.02	905.95	430.24	40.34	479.37	428.10
6:41 PM	5.86	173.11	80.83	11.58	144.34	8.47	1.76	2.35	102614.80	9.07	862.72	441.65	41.08	479.49	428.54
6:42 PM	5.86	173.37	80.83	11.58	144.34	8.62	2.30	2.49	101692.70	9.11	828.76	448.88	40.54	479.25	428.52
6:43 PM	5.86	173.88	80.83	11.58	144.34	8.96	2.44	2.49	100616.80	9.07	898.04	449.06	39.89	479.12	427.93
6:44 PM	5.86	174.33	78.13	11.58	145.62	9.28	2.66	2.40	102523.00	9.02	961.83	444.06	39.04	478.88	427.36
6:45 PM	5.86	174.66	78.13	11.58	145.69	9.51	2.32	2.48	104354.85	9.05	927.95	440.03	38.55	478.51	427.05
6:46 PM	5.86	175.02	78.13	11.58	144.48	9.62	2.99	2.66	103906.15	8.96	952.27	437.25	38.27	478.64	427.05
6:47 PM	5.86	175.39	78.13	11.49	146.20	9.62	2.99	2.10	102231.50	8.95	981.67	428.41	38.36	479.00	427.02
6:48 PM	5.86	175.61	78.13	11.39	146.60	9.62	2.99	1.07	101765.70	8.97	961.36	407.97	38.61	479.37	426.69
6:49 PM	5.88	175.79	78.13	11.39	144.18	9.62	2.99	0.33	101527.25	9.02	892.96	399.08	38.03	479.49	426.57
6:50 PM	5.89	175.87	78.13	11.39	143.09	9.62	2.99	0.07	100307.05	8.86	981.36	413.58	38.97	479.37	426.25
6:51 PM	5.89	176.12	78.13	11.39	143.09	9.62	2.99	0.05	101116.25	8.57	1163.28	433.20	39.43	479.37	426.28
6:52 PM	5.89	176.30	78.13	11.39	143.09	9.62	2.99	0.05	102420.05	8.60	1018.11	467.59	40.86	479.49	426.43
6:53 PM	5.89	176.49	78.13	11.39	143.09	9.62	2.99	0.16	102691.45	8.75	836.28	501.57	40.84	479.61	426.34
6:54 PM	5.89	176.52	78.13	11.39	143.09	9.48	2.75	0.76	103407.60	8.75	834.96	516.38	39.84	479.86	426.50
6:55 PM	5.89	176.45	78.13	11.39	143.09	9.22	2.47	1.26	103858.25	8.71	825.71	530.84	39.23	479.98	426.78
6:56 PM	5.89	176.30	78.13	11.39	145.46	9.20	2.30	1.21	102345.05	8.86	755.52	538.80	37.91	479.98	426.84
6:57 PM	5.89	176.05	78.13	11.39	146.25	9.39	2.32	0.66	101312.35	8.99	700.66	542.94	35.79	479.86	426.33
6:58 PM	5.89	175.68	78.13	11.39	146.20	9.56	2.61	0.12	100197.30	8.98	679.08	539.97	33.85	479.49	426.16
6:59 PM	5.89	175.28	78.74	11.39	146.39	9.64	2.81	0.08	100684.15	8.84	699.18	531.28	33.13	479.25	426.13
7:00 PM	5.89	175.02	78.74	11.39	145.04	9.64	2.92	0.07	102046.75	8.76	703.89	556.72	33.81	479.00	426.21
7:01 PM	5.89	174.95	78.74	11.39	143.33	9.64	2.97	0.07	102610.25	8.89	680.84	620.62	33.98	478.78	426.09
7:02 PM	5.89	174.69	78.74	11.54	142.96	9.64	2.99	0.07	101756.55	9.04	667.31	658.42	32.54	478.39	426.18
7:03 PM	5.89	174.21	78.74	11.68	145.51	9.64	2.99	0.07	99298.10	9.10	648.73	690.40	31.80	478.27	425.85
7:04 PM	5.88	173.81	80.79	11.66	146.71	9.64	2.99	0.06	98791.95	9.02	642.38	720.73	31.00	479.00	425.77
7:05 PM	5.86	173.56	80.79	11.68	146.71	9.56	2.99	0.06	100014.90	8.95	645.24	736.35	30.90	480.22	426.38
7:06 PM	5.86	173.41	78.66	11.68	145.45	9.15	2.99	0.05	100591.15	8.94	654.01	749.48	31.09	481.20	426.48
7:07 PM	5.86	173.30	78.66	11.68	144.21	8.75	2.79	0.04	99613.20	8.83	659.77	765.49	30.30	481.93	426.08
7:08 PM	5.86	172.86	78.66	11.68	142.82	8.58	2.17	0.99	99249.65	8.99	655.30	787.35	29.57	482.42	425.69
7:09 PM	5.86	172.56	78.66	11.68	141.42	8.48	1.70	2.19	100716.00	9.12	648.04	753.92	29.43	482.13	425.76
7:10 PM	5.86	173.26	78.66	11.68	143.19	8.48	1.54	2.54	101299.55	9.52	644.65	735.95	29.21	481.20	425.80
7:11 PM	5.86	174.33	78.66	11.68	144.95	8.48	1.37	2.69	102203.35	10.09	645.20	689.22	28.24	479.98	425.65
7:12 PM	5.86	175.09	78.66	11.68	144.95	8.48	1.31	2.57	102754.55	10.27	636.88	634.58	26.55	478.39	425.45
7:13 PM	5.86	175.71	78.66	11.68	144.95	8.48	1.31	2.54	101356.85	9.96	842.26	595.99	26.45	477.54	424.84
7:14 PM	5.86	176.37	78.66	11.68	143.37	8.48	1.31	2.49	101031.15	9.65	656.19	570.55	26.40	478.27	424.21
7:15 PM	5.86	176.78	78.66	11.68	144.28	8.48	1.31	2.42	100251.95	9.25	889.32	536.92	26.15	480.10	424.36
7:16 PM	5.86	176.78	78.66	11.68	146.76	8.48	1.31	2.50	98739.20	8.92	736.91	475.79	31.09	482.18	424.99
7:17 PM	5.86	175.55	78.66	11.59	146.76	8.48	1.31	2.64	100241.90	8.97	750.15	411.19	36.95	483.40	425.60
7:18 PM	5.86	176.27	78.66	11.50	146.76	8.48	1.31	2.68	102776.50	9.12	773.18	368.88	38.25	483.27	425.83
7:19 PM	5.86	176.05	78.66	11.50	145.44	8.48	1.31	2.59	103307.10	9.09	878.85	331.37	38.38	482.42	425.97
7:20 PM	5.85	175.94	78.66	11.50	144.11	8.48	1.31	2.48	104027.85	9.08	940.76	313.20	38.98	481.32	426.12
7:21 PM	5.85	175.86	78.90	11.50	144.11	8.76	1.31	2.45	105186.65	9.28	857.87	313.11	38.30	479.86	426.30
7:22 PM	5.85	175.75	78.90	11.50	144.11	8.94	1.31	2.59	104471.30	9.40	887.90	308.17	36.76	478.39	425.62
7:23 PM	5.85	175.53	78.90	11.50	144.11	8.65	1.35	2.40	104072.35	9.31	935.50	307.57	36.39	477.54	425.14
7:24 PM	5.85	175.24	78.90	11.50	144.11	8.47	1.75	2.38	102726.45	9.21	888.69	310.68	36.84	477.78	425.21

R7 10/14/04	COAL MILL 2 COAL FEED TPH	COAL MILL 2 EXIT TEMP DEG F	COAL MILL 2 MOTOR POWER % FULL LOAD	COAL MILL 2 BAGHOUSE O2 %	KILN FEED RATE TPH	KILN COAL MAIN BURNER TPH	KILN COAL CALCINER TPH	TIRE FEED RATE TPH	STACK GAS FLOW DSCFM	STACK O2 %	STACK CO %	STACK NOx %	STACK SO2 %	KILN BAGHOUSE INLET TEMP DEG F	KILN STACK TEMP DEG F
7:25 PM	5.85	174.95	78.90	11.50	144.11	8.47	1.95	1.50	100172.30	9.10	866.65	312.99	37.54	476.88	424.76
7:26 PM	5.85	174.62	78.90	11.50	144.11	8.47	1.55	0.66	99493.80	9.01	871.08	312.04	39.59	480.34	424.64
7:27 PM	5.85	174.32	78.90	11.63	144.11	8.47	1.30	1.96	99977.25	8.79	972.16	305.30	39.22	481.69	424.95
7:28 PM	5.85	174.18	78.90	11.76	144.11	8.47	1.30	2.87	100042.80	8.59	1051.14	306.85	40.37	482.67	425.37
7:29 PM	5.85	174.18	78.90	11.76	144.11	8.47	1.30	2.53	102282.05	9.10	855.33	318.85	40.55	482.67	425.83
7:30 PM	5.85	174.21	78.90	11.76	144.11	8.38	1.30	2.46	104008.35	9.57	725.15	311.18	37.48	481.57	425.98
7:31 PM	5.85	174.21	78.90	11.76	144.11	8.38	1.30	2.52	104945.80	9.45	848.93	293.13	34.38	480.34	425.68
7:32 PM	5.85	174.14	78.90	11.76	142.63	8.47	1.30	2.48	104359.20	9.31	901.65	285.56	34.26	479.49	424.91
7:33 PM	5.85	174.07	78.90	11.76	143.14	8.47	1.19	2.26	103262.75	9.32	877.51	291.44	34.99	478.88	424.80
7:34 PM	5.84	174.11	78.90	11.76	145.13	8.47	1.19	2.40	103191.50	9.27	880.68	297.83	35.50	478.51	424.60
7:35 PM	5.83	174.22	78.90	11.76	145.13	8.47	1.30	2.42	103622.70	9.29	870.05	297.82	36.05	477.90	424.30
7:36 PM	5.83	174.29	78.90	11.76	145.13	8.47	1.30	2.31	102811.05	9.34	921.31	299.06	36.76	477.65	424.24
7:37 PM	5.83	174.22	78.90	11.76	145.13	8.47	1.30	2.78	100730.90	9.37	871.53	310.25	36.52	478.15	423.81
7:38 PM	5.83	174.07	78.90	11.76	145.13	8.47	1.30	2.73	100375.80	9.31	770.54	328.72	34.50	479.00	423.57
7:39 PM	5.83	173.99	78.90	11.76	145.13	8.47	1.30	2.40	102192.55	9.21	803.50	330.38	33.20	479.61	424.13
7:40 PM	5.83	174.03	78.90	11.76	145.13	8.47	1.30	2.45	105048.45	9.18	808.19	331.82	33.28	479.86	424.59
7:41 PM	5.83	174.11	78.90	11.76	145.13	8.47	1.30	2.48	105900.60	9.19	795.99	338.15	33.39	480.10	424.30
7:42 PM	5.83	174.16	78.90	11.73	145.13	8.47	1.30	2.47	103878.35	9.14	828.60	338.65	33.44	480.47	424.00
7:43 PM	5.83	174.16	78.90	11.67	145.13	8.47	1.30	2.38	102412.40	9.06	841.57	337.05	34.69	480.85	424.05
7:44 PM	5.83	174.14	78.90	11.67	145.13	8.47	1.30	2.57	101270.25	9.07	854.00	334.29	35.94	481.20	424.15
7:45 PM	5.83	174.14	78.90	11.67	145.13	8.47	1.30	2.67	100931.90	9.15	856.16	326.89	36.03	481.08	424.38
7:46 PM	5.83	174.11	82.44	11.67	145.13	8.47	1.30	2.41	100826.30	9.13	838.46	327.84	35.77	480.95	424.52
7:47 PM	5.83	174.07	79.78	11.67	145.13	8.47	1.30	2.38	100356.15	9.09	850.43	328.69	36.76	481.07	424.54
7:48 PM	5.83	174.07	79.78	11.67	145.13	8.47	1.30	2.40	100135.50	9.09	853.20	327.93	38.64	481.20	424.91
7:49 PM	5.86	174.07	79.78	11.67	145.13	8.47	1.29	2.32	101527.15	9.04	894.94	325.58	40.58	481.20	425.06
7:50 PM	5.88	174.07	79.78	11.67	145.13	8.47	1.28	2.51	102648.65	9.02	920.77	321.88	41.68	481.07	424.91
7:51 PM	5.88	173.67	79.78	11.67	145.13	8.47	1.28	2.59	102862.05	9.02	935.91	316.73	41.39	481.07	424.79
7:52 PM	5.88	173.23	79.78	11.67	145.13	8.47	1.28	2.55	101714.55	9.02	964.42	311.40	40.61	480.95	424.79
7:53 PM	5.88	173.52	79.78	11.57	145.13	8.47	1.28	2.71	101024.70	9.02	850.86	312.30	40.00	480.83	424.91
7:54 PM	5.88	174.18	79.78	11.57	145.13	8.47	1.28	2.61	101042.75	9.06	895.36	324.34	39.71	480.83	424.32
7:55 PM	5.88	174.69	79.78	11.57	145.13	8.47	1.28	2.68	101097.15	8.97	921.66	331.72	40.16	480.95	424.01
7:56 PM	5.88	175.02	79.78	11.67	145.13	8.47	1.28	2.52	101531.25	8.94	933.36	330.77	40.66	481.32	424.16
7:57 PM	5.88	175.27	79.78	11.61	146.20	8.47	1.28	2.34	100740.75	8.92	909.61	331.52	40.21	481.69	423.71
7:58 PM	5.88	175.53	79.78	11.54	147.27	8.47	1.28	2.45	100560.75	8.91	919.42	331.83	40.28	481.57	423.84
7:59 PM	5.88	175.79	79.78	11.54	146.25	8.79	1.28	2.48	101458.85	9.06	884.60	332.77	40.63	480.71	424.13
8:00 PM	5.88	175.97	79.78	11.54	144.19	9.25	1.28	2.68	102104.20	9.20	879.48	333.18	40.43	479.37	424.12
8:01 PM	5.88	176.08	79.78	11.54	141.87	9.47	1.35	2.64	102745.35	9.21	942.34	332.70	39.70	478.27	423.81
8:02 PM	5.88	176.19	78.50	11.73	140.59	9.55	1.82	2.44	101668.85	9.13	961.48	331.24	38.35	477.90	423.44
8:03 PM	5.88	176.30	78.50	11.92	143.65	9.63	2.42	2.38	100264.95	9.00	918.97	336.52	37.14	478.27	423.29
8:04 PM	5.86	176.41	78.50	11.92	145.51	9.70	2.43	2.44	99882.80	8.96	871.50	337.78	36.29	479.12	422.93
8:05 PM	5.84	176.45	78.50	11.92	145.74	9.70	2.50	1.45	99074.25	9.07	755.62	338.77	35.34	480.34	423.15
8:06 PM	5.84	176.30	78.50	11.92	144.90	9.36	2.82	0.22	98942.80	9.44	643.11	350.89	34.08	481.32	423.31
8:07 PM	5.84	176.08	78.50	11.92	144.72	8.86	2.49	0.02	99309.45	9.64	618.76	367.00	31.56	481.93	423.50
8:08 PM	5.84	175.75	78.50	11.80	146.80	8.65	2.49	0.01	100335.00	9.38	678.27	369.48	30.34	481.81	423.86
8:09 PM	5.84	175.35	78.50	11.52	146.80	8.58	2.49	0.01	99899.75	9.18	713.65	372.11	31.42	480.96	423.99
8:10 PM	5.84	175.09	78.50	11.36	145.39	8.58	2.49	0.01	100725.75	9.23	701.00	382.09	32.22	479.61	423.87
8:11 PM	5.84	174.99	78.50	11.36	143.97	8.58	2.49	0.01	101767.25	9.37	712.61	389.63	31.96	478.02	423.56
8:12 PM	5.84	174.77	78.50	11.52	142.86	8.58	3.00	0.01	100824.05	9.39	766.77	421.47	31.15	477.41	423.23
8:13 PM	5.84	174.55	78.50	11.68	141.75	8.58	3.00	0.01	100382.80	8.82	952.66	430.65	30.12	478.02	423.32
8:14 PM	5.84	174.44	78.50	11.68	143.17	8.58	3.00	0.29	99616.05	8.03	1077.38	430.32	28.24	479.37	423.47
8:15 PM	5.84	174.40	80.91	11.68	144.58	8.58	2.06	1.52	98008.15	7.74	1123.43	446.73	29.73	481.09	423.34
8:16 PM	5.84	174.43	80.81	11.68	144.58	8.58	1.65	2.55	98231.85	7.82	1063.82	476.55	37.07	482.79	423.35
8:17 PM	5.84	174.32	78.94	11.55	149.78	8.48	1.45	2.65	99886.55	8.49	823.47	479.29	40.69	483.40	423.70
8:18 PM	5.84	174.14	78.94	11.41	150.31	8.37	1.31	2.72	101222.10	9.28	698.54	467.32	38.35	482.54	423.99
8:19 PM	5.85	174.07	78.94	11.41	143.42	8.37	1.31	2.54	102041.80	9.57	683.13	456.14	35.70	480.96	423.84
8:20 PM	5.86	174.11	78.94	11.41	136.07	8.37	1.31	2.56	103969.70	9.62	678.63	447.42	34.87	479.37	423.54
8:21 PM	5.86	173.85	78.94	11.41	140.38	8.37	1.31	2.78	104251.40	9.59	665.79	437.62	35.57	478.15	423.36
8:22 PM	5.86	173.04	78.94	11.41	142.54	8.37	1.31	2.61	101098.10	9.34	702.09	419.82	37.17	477.90	423.06
8:23 PM	5.85	172.68	78.94	11.41	140.82	8.37	1.31	2.40	98726.50	8.91	808.43	391.87	39.53	479.12	422.77
8:24 PM	5.88	173.19	78.94	11.41	145.00	8.29	1.31	2.30	97627.30	8.68	905.60	360.02	42.24	481.08	423.00
8:25 PM	5.86	173.99	78.94	11.41	142.12	8.34	1.31	2.44	99063.10	8.80	934.23	327.18	43.30	482.54	423.55
8:26 PM	5.86	174.84	78.94	11.41	142.72	8.47	1.15	2.36	102190.70	8.86	993.45	298.69	42.47	482.67	424.21
Averages	**5.77**	**174.89**	**78.18**	**11.57**	**144.63**	**8.64**	**1.68**	**2.11**	**99786.07**	**8.92**	**877.48**	**446.50**	**37.84**	**485.94**	**428.86**

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