APPENDIX NO. 10

Summary of P and F Series Performance Data

SUMMARY OF P AND F SERIES PERFORMANCE TESTS

	TEST MW	DATE MO DAY YEAR	LOAD MW	STEAM FLOW KLB/HR	SH OUT TEMP	RH OUT TEMP	SH SPRAY FLOW KLB/HR	RH SPRAY FLOW KLB/HR	CYCLON COAL FLOW KLB/HR	% OF MAX CYCLON INPUT	CYC IN SERV	REBURN INPUT %	REBURN INPUT KLB/HR	ROTARY CLASS. RPM	EXCESS AIR %	REBURN STOICH	CYCLONE STOICH	ACTUAL FLYASH SPLIT %	ADJUSTED FLYASH SPLIT %
1	5P	5 18 92	110	790.71	999	1000	30.46	13.83	66.47	69.33	3	29.57	28.27	160	16.60	0.8483	1.0537	52.95	52.95
2	6P	5 19 92	110	790.56	999	1001	24.27	7.44	65.60	68.33	3	30.04	28.39	160	15.90	0.8340	1.0569	36.31	36.31
3	6P	5 20 92	109	784.32	998	995	10.35	0.00	64.32	67.00	3	30.52	28.14	160	15.40	0.8412	1.0797	61.72	45.20
4	F2	9 28 92	110	781.72	999	1001	10.13	0.00	65.20	67.92	3	30.40	29.04	160	15.90	0.8520	1.0820	39.80	39.80
5	F3	9 28 92	110	786.29	999	1002	8.67	1.43	66.07	68.82	3	30.20	29.02	160	16.40	0.8450	1.0650	36.75	36.75
6	F5	9 29 92	110	779.48	999	1005	5.83	0.00	64.47	67.16	3	30.40	28.95	160	16.10	0.8390	1.0730	35.83	35.83
7	F19	10 5 92	110	785.75	1000	1001	30.83	11.05	94.89	98.84	3	0.00	0.00	0	18.20	1.1410	1.0910	23.12	23.12
8	FFB	9 28 92	110	791.72	997	986	33.27	0.00	96.02	100.02	3	0.00	0.00	0	17.40	1.1240	1.1030	0.00	23.12
9	1P	5 16 92	80	550.04	988	985	12.99	0.00	44.76	70.67	2	32.81	22.34	150	16.70	0.8889	1.1108	66.72	52.65
10	7P	5 19 92	82	553.55	998	1001	7.90	0.00	45.67	72.19	2	32.90	22.93	160	15.80	0.8737	1.0713	35.24	52.21
11	8P	5 20 92	82	560.37	997	991	18.90	0.00	45.96	71.84	2	33.60	23.52	160	15.30	0.9026	1.1191	67.02	52.16
12	F1	9 28 92	79	516.83	999	999	8.93	0.00	65.96	68.71	3	0.00	0.00	0	19.50	1.1210	1.1020	25.11	25.11
13	F4	9 29 92	79	515.90	999	999	17.43	0.00	65.13	67.84	3	0.00	0.00	0	19.90	1.1300	1.0990	28.99	28.99
14	FMB	9 30 92	82	556.50	1005	991	24.72	0.00	69.66	108.84	2	0.00	0.00	0	18.50	1.1123	1.1510	0.00	0.00
15	F7	9 30 92	82	556.55	999	999	18.79	0.00	45.51	71.11	2	34.10	24.24	145	16.60	0.8460	1.1060	39.55	39.55
16	F8	9 30 92	82	554.97	998	1000	23.71	0.00	45.54	71.16	2	34.00	24.17	160	16.30	0.8490	1.0890	37.78	37.78
17	F10	10 2 92	82	562.63	978	991	0.00	0.00	44.65	69.77	2	33.90	24.10	160	16.00	0.8400	1.0930	33.09	33.09
18	2P	5 16 92	58	399.44	985	955	7.88	0.00	34.50	53.91	2	31.77	16.36	150	16.40	0.9783	1.0616	64.51	64.51
19	3P	5 17 92	58	387.14	997	995	6.54	0.00	35.52	55.50	2	30.71	16.03	155	18.40	1.0097	1.0605	55.67	55.67
20	4P	5 17 92	58	392.58	988	976	3.82	0.00	34.96	54.63	2	32.28	16.59	155	19.30	1.0055	1.0847	76.19	57.72
21	F6	9 30 92	54	368.20	943	923	0.00	0.00	46.84	73.19	2	0.00	0.00	0	21.70	1.1190	1.0480	47.58	47.58
22	F9	10 1 92	54	376.26	957	928	0.00	0.00	47.43	74.11	2	0.00	0.00	0	20.80	1.1180	1.0320	56.57	56.57
23	FLB	10 3 92	58	396.11	973	940	0.00	0.00	50.05	78.20	2	0.00	0.00	0	20.80	1.1260	1.1000	0.00	0.00
24	F12	10 2 92	58	391.48	998	979	4.83	0.00	33.70	52.66	2	33.30	17.51	160	18.10	0.9310	1.0550	55.40	55.40
25	F13	10 3 92	58	396.76	974	943	0.00	0.00	33.18	51.84	2	34.40	17.67	160	16.90	0.9350	1.0700	21.59	21.59
26	F15	10 4 92	58	406.21	983	955	0.68	0.00	34.81	54.39	2	32.60	17.51	160	16.70	0.9260	1.0700	52.48	52.48
27	F17	10 5 92	58	400.61	995	971	13.63	0.00	34.28	107.13	1	32.50	17.10	160	15.10	0.9000	1.1100	40.13	40.13
28	F18	10 5 92	58	395.56	1000	999	2.22	0.00	33.87	52.92	2	32.80	17.21	160	22.50	0.9350	1.0560	48.72	48.72
29	F11	10 3 92	40	275.32	919	898	0.00	0.00	36.40	56.88	2	0.00	0.00	0	32.90	1.1940	1.0320	70.16	70.16
30	F14	10 3 92	40	273.87	942	916	0.00	0.00	36.56	57.13	2	0.00	0.00	0	32.40	1.2010	1.0410	22.62	22.62
31	F16	10 4 92	38	277.61	949	891	0.00	0.00	36.35	113.59	1	41.50	15.50	180	24.80	0.9440	1.0660	36.97	36.97

SUMMARY OF P AND F SERIES PERFORMANCE TESTS

	TEST MW	ACTUAL UBC LB/ 100LB	ADJUSTED UBC LB/ 100LB	UBC EFF LOSS %	GAS WT. WITHOUT RECIRC. MLB/HR	TOTAL GR MLB/HR	GR TO REBURN KLB/HR	AS TESTED EFF %	CORR. EFF %	ACT. FEGT	TOTAL SEC KF	SEC IN KF	SEC OUT KF	PTI KF	RH KF	ECON KF	DRY GAS LOSS %	EXIT GAS TEMP CORR
1	5P	0.50	0.34	0.44	1008.0	67.0	11.3	88.17	88.29	2088	1.06	1.04	1.07	1.00	1.24	0.87	4.03	309.90
2	6P	0.36	0.36	0.47	1008.0	103.0	11.2	88.80	88.26	2031	1.16	1.14	1.17	1.02	1.23	0.87	4.03	309.90
3	8P	0.61	0.44	0.57	978.0	99.1	11.1	88.82	88.29	1965	1.37	1.37	1.37	1.09	1.47	0.92	3.90	304.10
4	F2	0.35	0.35	0.46	983.0	81.0	12.00	87.74	88.20	2033	1.05	1.05	1.05	0.97	1.31	0.86	4.08	312.20
5	F3	0.22	0.22	0.29	996.0	92.0	12.00	87.80	88.14	2044	1.12	1.09	1.15	0.88	1.08	0.82	4.30	321.80
6	F5	0.21	0.21	0.28	985.0	80.0	12.00	87.96	88.13	2037	1.08	1.02	1.13	0.93	1.22	0.71	4.31	322.20
7	F19	0.26	0.26	0.34	1010.0	0.0	0.00	87.67	88.03	2140	1.01	0.99	1.04	0.90	1.04	0.77	4.34	323.80
8	FFB	0.00	0.26	0.25	987.0	55.0	2.00	89.23	88.10	2124	1.13	1.13	1.13	0.88	1.12	0.79	4.34	323.80
9	1P	1.11	0.36	0.47	717.0	210.9	11.1	89.26	88.76	1786	1.42	1.49	1.36	1.39	1.19	0.87	3.36	279.70
10	7P	0.31	0.31	0.40	731.0	120.1	11.1	89.06	88.58	1884	1.13	1.07	1.18	1.10	1.31	0.85	3.53	287.10
11	9P	1.16	0.87	1.13	739.0	256.2	10.9	88.44	87.92	1751	1.62	1.59	1.65	1.40	1.56	0.94	3.49	286.20
12	F1	0.27	0.27	0.36	710.0	233.0	2.00	87.85	88.56	1769	1.29	1.29	1.29	1.09	1.21	0.83	3.53	287.10
13	F4	0.07	0.07	0.09	711.0	208.0	2.00	88.18	88.76	1821	1.28	1.26	1.29	1.13	1.16	0.77	3.60	289.50
14	FMB	0.00	0.27	0.36	729.0	240.0	2.00	89.39	88.50	1809	1.21	1.18	1.24	1.03	1.37	0.82	3.55	288.10
15	F7	0.46	0.46	0.61	736.0	228.0	12.00	88.10	88.38	1813	1.14	1.11	1.16	1.17	1.24	0.88	3.53	287.20
16	F8	0.43	0.43	0.57	735.0	229.0	12.00	87.96	88.29	1837	1.10	1.05	1.15	1.11	1.18	0.84	3.65	292.70
17	F10	0.26	0.26	0.34	738.0	139.0	12.00	88.21	88.58	1854	1.13	1.09	1.17	1.28	1.05	0.77	3.60	290.20
18	2P	1.59	1.59	2.06	540.0	276.3	11.7	87.71	87.22	1588	1.46	1.56	1.37	1.49	1.41	0.93	2.92	261.50
19	3P	1.56	1.56	2.05	549.0	276.9	12.6	86.80	87.21	1588	1.24	1.12	1.32	1.56	1.38	0.96	2.92	261.60
20	4P	1.81	1.23	1.62	547.0	275.3	12.7	87.16	87.68	1559	1.42	1.45	1.39	1.42	1.61	0.99	2.87	258.50
21	F6	0.38	0.38	0.50	516.0	273.0	2.00	87.68	88.64	1482	1.29	1.35	1.23	1.40	1.38	0.87	2.91	258.90
22	F9	0.49	0.49	0.65	526.0	267.0	3.00	87.33	88.46	1506	1.33	1.38	1.28	1.66	1.19	0.84	2.97	261.80
23	FLB	0.00	0.44	0.58	527.0	271.0	2.00	89.33	88.50	1551	1.28	1.35	1.21	1.14	1.25	0.78	2.95	260.00
24	F12	1.53	1.53	2.03	545.0	243.0	12.00	86.37	87.06	1633	1.38	1.38	1.38	1.29	1.40	0.85	3.06	267.90
25	F13	0.17	1.52	2.00	537.0	264.0	12.00	86.47	87.09	1561	1.44	1.52	1.37	1.31	1.45	0.83	3.06	265.10
26	F15	1.52	1.52	2.02	549.0	267.0	12.00	86.71	87.14	1583	1.43	1.55	1.33	1.27	1.44	0.87	3.03	266.60
27	F17	0.78	0.78	1.03	537.0	243.0	12.00	87.64	87.99	1688	1.37	1.46	1.27	1.22	1.25	0.80	3.15	270.70
28	F18	0.12	0.12	0.12	571.0	226.0	12.00	88.14	88.77	1644	1.23	1.20	1.25	1.10	1.38	0.79	3.24	273.50
29	F11	1.43	1.43	1.90	434.0	269.0	3.00	85.91	87.09	1355	1.20	1.33	1.09	1.20	1.54	0.85	2.61	247.10
30	F14	0.18	1.43	1.90	434.0	267.0	3.00	87.59	88.78	1376	1.28	1.38	1.20	1.33	1.64	0.96	2.60	244.20
31	F16	0.55	0.55	0.73	411.0	168.0	12.00	87.37	88.47	1478	1.49	1.84	1.18	1.53	1.91	0.88	2.44	237.70

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TEST NO.	40T	41T	14A	19A	5P	6P	8P	1P	7P	9P	2P	3P	4P
TEST SEQ. NO.	1	2	3	4	5	6	7	8	9	10	11	12	13
DATE	02/26/91	02/26/91	04/22/92	04/29/92	05/18/92	05/19/92	05/20/92	05/16/92	05/19/92	05/20/92	05/16/92	05/17/92	05/17/92
TIME START	0535	0559	2232	1745	1050	0922	0932	1056	1429	1435	1608	0933	1419
TIME END	0552	0610	0036	1859	1406	1212	1238	1311	1721	1642	1844	1127	1650
LOAD MW	55	55	55	82	110	110	109	80	82	82	58	58	58
FUEL	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR

40T AVG SCANS 116-->117: 55 MW : 8.4 TPH REBRN : HIGH CYC STOICH
41T AVG SCANS 119-->120: 55 MW : 8.4 TPH REBRN : LOW CYC STOICH
14A AVG SCANS 40-->48 : 55 MW : 8.0 TPH : 160 RPM : HIGH STOIC
19A AVG SCANS 43-->50 : 82 MW : CONTROLS AUTO W/CASCADE
5P AVG SCANS 13-->31 : 110 MW : FORMAL PERF. TEST
6P AVG SCANS 9 -->24 : 110 MW : FORMAL PERF. TEST
8P AVG SCANS 10-->21 : 110 MW : FORMAL PERF. TEST
1P AVG SCANS 18-->28 : 82 MW : FORMAL PERF. TEST
7P AVG SCANS 34-->45 : 82 MW : FORMAL PERF. TEST
9P AVG SCANS 23-->29 : 82 MW : FORMAL PERF. TEST
2P AVG SCANS 41-->52 : 58 MW : FORMAL PERF. TEST
3P AVG SCANS 7 -->17 : 58 MW : FORMAL PERF. TEST
4P AVG SCANS 29-->41 : 58 MW : FORMAL PERF. TEST

DATA PAGE NO. 2 FLOWS MLB/HR (MT/HR)

LOAD MW	20-005	55.1	54.8	55.1	82.2	110.3	110.2	109.1	80.4	81.6	82.0	58.3	57.7	57.9	2 1
MAIN STEAM FLOW	03-033	337.2	336.5	366.4	558.8	774.7	777.0	776.4	557.0	560.3	568.7	386.7	378.1	382.1	2 2
1ST STG STM FLW	CALC	351.8	353.5	362.3	538.9	771.1	773.1	772.6	536.0	540.0	545.5	384.8	375.1	379.6	2 23
FW FLOW	12-170	355.1	352.9	382.3	549.9	790.7	790.6	784.3	550.0	553.5	560.4	399.4	387.1	392.6	2 3
BLOW DOWN FLOW	EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2 4
RH SPRAY FLOW	14-192	0.00	0.00	0.00	0.00	13.83	7.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2 5
SH SPRAY FLOW L	17-052	6.9760	4.7817	0.0000	3.7437	9.2955	9.1847	3.6601	0.0000	0.0000	4.0166	0.0000	0.0000	3.6759	2 7
SH SPRAY FLOW R	17-056	6.85	3.55	0.00	5.15	16.63	12.24	8.96	10.20	4.81	11.33	4.77	2.76	2.69	2 8
GR FAN AMPS A	16-181	39.67	39.75	30.84	.08	24.36	.08	.08	.08	.08	.08	.08	.08	.08	2 12
GR FAN AMPS B	16-183	-.02	-.02	-.02	41.93	-.02	28.03	28.00	38.59	30.37	41.60	44.95	45.77	45.78	2 13
GR FAN BUS VOLT	EST	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	2 14
TOTAL GR FLOW	CALC	226.7	228.1	113.7	270.7	67.0	103.0	99.1	210.9	120.1	256.2	276.3	276.9	275.3	2 24
GR TO SEC AIR	06-932	0.00	0.00	8.89	11.02	11.51	11.50	11.52	11.57	11.49	11.37	13.01	12.88	13.00	2 25
GR TO SEC AIR	CALC	2.38	2.26	9.01	11.03	11.27	11.18	11.05	11.10	11.06	10.86	11.65	12.61	12.72	2 26
GR TO FURN	CALC	224.4	225.8	104.6	259.6	55.8	91.8	88.1	199.9	109.0	245.4	264.7	264.3	262.6	2 27
OFA AIR FLOW	06-931	24.2	73.7	69.0	174.7	245.9	250.0	235.9	149.7	157.1	140.0	71.5	69.4	72.8	2 28
TMP AIR FLOW	CALC	0.00	0.00	35.10	56.47	72.61	64.46	42.81	20.49	34.30	12.34	28.46	40.72	32.18	14 10
SEC AIR FLOW	06-320	52.27	50.29	45.59	33.32	30.02	29.99	29.99	33.90	31.99	31.44	43.95	44.73	43.46	2 29
1st STG PRESS	18-128	473.9	476.5	489.0	741.3	1073.0	1075.9	1075.2	737.2	742.8	750.7	521.2	507.3	513.7	2 19
OIL FLOW 2A	05-100	.0033	.0031	.0020	.0017	.0033	.0032	.0020	.0019	.0017	.0017	.0017	.0017	.0017	2 20
OIL FLOW 2B	07-100	.0018	.0018	.0017	.0017	.0017	.0017	.0017	.0017	.0017	.0017	.0017	.0017	.0017	2 21
OIL FLOW 2C	09-100	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	2 22
% PWDR RVR BASN COAL	USER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2 30

TEST NO.	40T	41T	14A	19A	5P	6P	8P	1P	7P	9P	2P	3P	4P
TEST SEQ. NO.	1	2	3	4	5	6	7	8	9	10	11	12	13
DATE	02/26/91	02/26/91	04/22/92	04/29/92	05/18/92	05/19/92	05/20/92	05/16/92	05/19/92	05/20/92	05/16/92	05/17/92	05/17/92
TIME START	0535	0559	2232	1745	1050	0922	0932	1056	1429	1435	1608	0933	1419
TIME END	0552	0610	0036	1859	1406	1212	1238	1311	1721	1642	1844	1127	1650
LOAD MW	55	55	55	82	110	110	109	80	82	82	58	58	58

DATA PAGE NO. 2 FLOWS MLB/HR (MT/HR)

CYCLONE STOIC		CALC	1.2266	1.1586	1.0369	1.0643	1.0537	1.0569	1.0797	1.1108	1.0713	1.1191	1.0616	1.0605	1.0847	4 20
REBRN WB STOIC		CALC	.7226	.7165	.7123	.4668	.3957	.3920	.3961	.4673	.4621	.4509	.6931	.7203	.6834	4 21
REBRN STOIC		CALC	1.0747	.9639	.9706	.8727	.8483	.8340	.8412	.8889	.8737	.9026	.9783	1.0097	1.0055	4 22
LVG FURN STOIC		CALC	1.1361	1.1516	1.1415	1.1735	1.1540	1.1479	1.1444	1.1578	1.1423	1.1412	1.1441	1.1730	1.1769	4 23
LVG ECON STOIC		CALC	1.1541	1.1696	1.1590	1.1855	1.1638	1.1575	1.1542	1.1697	1.1542	1.1531	1.1603	1.1894	1.1933	4 24

DATA PAGE NO. 3 FLUID TEMPERATURES F (C) - PLANT

SSH OUT T	L	15-152	990.8	992.9	978.4	999.3	998.5	998.5	995.9	977.5	999.1	996.9	970.9	995.6	978.2	3 1
SSH OUT T	R	15-150	1000.7	983.9	925.4	1001.3	999.6	999.2	999.5	999.4	997.5	997.0	999.4	997.5	997.4	3 2
SSH OUT AVE T		13-160	991.4	984.0	956.3	999.7	1000.7	1000.8	998.7	990.0	996.0	994.0	986.0	998.0	990.2	14 1
LVG SH ATTMP T	L	13-164	702.4	713.6	676.5	726.3	747.0	744.7	740.9	733.0	745.4	727.3	743.3	752.9	726.3	3 8
LVG SH ATTMP T	R	13-162	712.5	721.2	704.8	731.1	743.7	748.8	741.4	695.8	722.5	697.6	698.9	737.3	736.9	3 9
PRI SH OUT T	L	HW	761.7	756.4	676.1	747.1	778.3	773.9	744.0	729.5	742.9	744.0	738.6	750.0	727.1	3 10
PRI SH OUT T	R	HW	777.1	769.9	704.5	771.5	806.6	794.9	767.3	753.3	759.0	758.8	752.3	784.3	761.4	3 11
ECON H2O OUT T	L	HW	488.3	490.3	465.9	508.8	513.5	512.5	510.7	506.3	497.3	506.1	491.0	499.1	494.7	3 27
ECON H2O OUT T	R	HW	469.3	468.2	436.8	479.7	518.8	519.2	507.3	470.9	476.1	478.0	457.8	463.3	460.4	3 28
ECON H2O IN T		20-007	392.1	391.7	393.0	427.9	461.2	460.7	458.9	427.4	428.7	430.1	398.9	397.6	398.1	3 5
RH SPRAY H2O T		HW	267.5	267.2	267.0	294.6	316.1	315.4	315.9	292.8	293.4	295.3	273.2	274.0	273.6	3 7
LVG RH T		14-150	982.3	975.7	928.0	1000.5	999.6	1000.7	995.4	985.5	1000.7	990.7	954.9	994.5	976.3	3 12
ENT RH T		CALC	629.6	623.1	596.2	677.9	667.8	699.8	721.2	668.8	674.5	674.4	629.0	638.9	633.5	3 16
COLD RH T		20-006	638.9	632.4	606.0	685.4	748.4	747.1	743.3	676.1	682.5	682.7	636.6	647.3	642.2	3 18

DATA PAGE NO. 4 FLUID TEMPERATURES F (C) - B&W

AIR ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 1
AIR LVG AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 2
CYC A TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 3
CYC A PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 4
CYC A TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 5
CYC B TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 6
CYC B PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 7
CYC B TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 8
CYC C TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 9
CYC C PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 10
CYC C TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 11
LVG SSH PLAT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 12
ENT PSH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 13
LVG PSH P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 14
LVG PSH P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 15
LVG ECON P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 16
LVG ECON P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 17
GAS ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 18

TEST NO.		40T	41T	14A	19A	5P	6P	8P	1P	7P	9P	2P	3P	4P	
TEST SEQ. NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	
DATE		02/26/91	02/26/91	04/22/92	04/29/92	05/18/92	05/19/92	05/20/92	05/16/92	05/19/92	05/20/92	05/16/92	05/17/92	05/17/92	
TIME START		0535	0559	2232	1745	1050	0922	0932	1056	1429	1435	1608	0933	1419	
TIME END		0552	0610	0036	1859	1406	1212	1238	1311	1721	1642	1844	1127	1650	
LOAD MW		55	55	55	82	110	110	109	80	82	82	58	58	58	
DATA PAGE NO. 4	**FLUID TEMPERATURES F (C) - B&W**														
GAS LVG AH P	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 19
DATA PAGE NO. 5	**FLUID PRESSURES PSIG (KG/CM2)**														
TURB THROT P	03-170	1448.3	1448.5	1449.8	1450.0	1449.9	1450.2	1450.0	1449.8	1449.9	1449.5	1450.0	1449.9	1450.0	5 1
SEC SH OUT P	CALC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5 2
DRUM PRESS	04-013	1481.7	1481.7	1487.0	1525.8	1600.4	1602.8	1603.3	1524.6	1525.2	1526.0	1487.1	1486.6	1487.2	5 3
LVG RH PRESS	15-102	197.3	197.1	201.5	301.8	431.6	431.3	426.1	300.3	302.5	305.6	214.7	209.6	211.5	5 4
ENT RH PRESS	15-100	206.9	206.6	210.1	322.9	460.1	459.0	454.5	319.4	322.9	327.2	228.7	221.2	223.7	5 5
FW HTR E EXT P	20-035	199.2	199.6	203.2	308.6	441.1	440.1	434.9	305.8	308.9	312.9	218.2	212.3	214.4	5 6
FW HTR E EXT P	TRANS	201.5	201.4	206.0	310.6	443.5	442.6	437.0	307.6	310.8	314.5	219.5	214.4	216.6	5 7
SEC SH OUT P (T)	TRANS	1457.5	1457.6	1458.6	1473.0	1492.7	1493.7	1493.5	1471.0	1471.5	1471.9	1461.4	1459.3	1459.5	5 17
DRUM PRESS (T)	TRANS	1472.9	1473.1	1476.7	1521.5	1592.5	1594.2	1595.2	1518.8	1520.6	1522.2	1483.4	1479.7	1480.5	5 18
LVG RH-1 P (T)	TRANS	199.9	199.8	204.3	306.0	436.2	435.4	430.3	303.2	306.2	309.9	217.2	212.3	214.5	5 19
ENT RH-1 P (T)	TRANS	209.9	209.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5 20
DATA PAGE NO. 6	**AIR & GAS DATA - PLANT**														
AMBIENT AIR DB TEMP	TC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6 1
AIR ENT FD FAN T	HW	0.0	0.0	94.8	110.6	95.6	96.9	103.0	104.2	109.0	112.6	111.8	102.1	104.5	6 4
AIR LVG FD FAN T A	09-028	135.9	133.5	131.6	144.0	119.8	127.3	132.3	134.6	139.3	141.6	147.9	137.8	141.2	7 2
AIR LVG FD FAN T B	09-029	140.2	138.3	138.0	149.3	125.5	129.7	135.6	140.4	143.5	147.1	152.4	142.9	142.4	7 3
AIR ENT AH T RA	20-017	176.0	174.4	142.6	151.1	128.7	132.0	138.0	142.9	146.1	149.7	155.9	145.8	146.5	6 2
AIR ENT AH T RB	20-018	174.5	171.8	140.4	151.5	127.2	132.0	138.0	142.5	145.6	149.1	154.5	144.7	144.6	6 3
AIR ENT AH T LA	20-025	188.4	183.5	134.2	147.1	124.2	129.8	135.2	137.4	141.8	144.0	150.4	139.9	143.3	13 25
AIR ENT AH T LB	20-029	170.8	168.3	135.1	147.9	123.7	130.5	135.7	138.2	142.9	145.0	151.3	141.4	144.6	13 26
AIR LVG AH T R	HW	533.0	531.0	501.1	581.9	611.9	595.5	579.0	553.1	554.1	543.0	540.0	542.5	530.3	6 6
AIR LVG AH T L	HW	530.4	532.8	507.5	584.2	554.7	562.3	550.5	555.8	545.5	547.0	534.8	539.8	531.7	6 7
BRN SEC AIR T	08-002	521.2	520.9	509.4	585.5	553.3	544.6	532.8	564.9	553.3	550.7	540.6	536.2	530.8	14 2
BRN SA/GR T	08-001	511.7	509.5	496.4	575.5	546.3	538.4	526.0	554.5	547.8	545.2	535.6	531.3	527.6	14 3
OFA TEMP	09-002	499.9	502.9	456.9	538.2	533.0	530.6	518.3	518.7	515.9	512.1	491.9	488.8	484.9	14 4
GAS LVG AH T RA	20-019	295.1	296.0	282.3	314.3	318.4	313.8	314.2	294.3	312.4	309.5	294.7	287.4	287.8	6 10
GAS LVG AH T RB	20-020	269.7	269.0	261.0	298.5	297.4	294.0	296.4	280.6	295.7	294.1	274.3	264.6	265.9	6 11
GAS LVG AH T LA	20-027	267.6	266.4	256.7	291.4	276.9	282.3	283.6	272.2	279.5	282.0	271.2	262.7	266.2	13 27
GAS LVG AH T LB	20-024	275.5	274.6	260.5	294.8	284.7	288.1	287.1	276.9	283.0	284.2	275.3	266.0	271.0	13 28
GAS LVG RH PS T	AVE	591.5	595.8	555.0	648.0	641.1	648.9	628.2	634.4	617.8	609.8	590.1	595.0	584.2	13 17
GAS LVG SH PS T	AVE	556.1	555.8	500.9	601.6	672.1	662.0	630.4	555.4	587.2	564.0	533.7	530.5	529.3	13 19
GR GAS TEMP A	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14 8
GR GAS TEMP B	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14 9
O2 LVG ECON R	11-172	3.0315	4.0100	2.1445	2.9457	2.8776	3.0207	2.8706	2.9550	2.9621	2.9890	3.350	2.6392	2.6661	6 20
O2 LVG ECON L	11-170	2.3750	2.7679	2.0723	2.5013	2.9398	2.8138	2.9855	3.0672	2.9121	2.9433	2.927	3.6294	3.9454	6 21
O2 IN SEC AIR	06-254	19.75	19.77	17.91	16.45	15.99	15.99	16.00	16.41	16.23	16.21	16.92	17.00	16.93	13 29
ACCUREX NOX PPM	06-553	0.0	0.0	343.6	222.0	299.0	255.7	241.7	253.3	250.3	234.2	283.6	296.2	286.5	13 9

TEST NO.	40T	41T	14A	19A	5P	6P	8P	1P	7P	9P	2P	3P	4P
TEST SEQ. NO.	1	2	3	4	5	6	7	8	9	10	11	12	13
DATE	02/26/91	02/26/91	04/22/92	04/29/92	05/18/92	05/19/92	05/20/92	05/16/92	05/19/92	05/20/92	05/16/92	05/17/92	05/17/92
TIME START	0535	0559	2232	1745	1050	0922	0932	1056	1429	1435	1608	0933	1419
TIME END	0552	0610	0036	1859	1406	1212	1238	1311	1721	1642	1844	1127	1650
LOAD MW	55	55	55	82	110	110	109	80	82	82	58	58	58

DATA PAGE NO. 6 AIR & GAS DATA - PLANT

ACCUREX SOX	PPM	06-555	0.0	0.0	1132.0	1185.1	960.2	1034.4	1019.7	1075.6	1048.6	1059.7	1104.3	1073.2	1018.3	13 10
ACCUREX CO	PPM	06-425	0.00	0.00	16.82	68.10	35.31	39.51	23.21	60.74	50.66	53.69	88.74	61.66	61.37	13 11
ACCUREX O2	%	06-554	0.0000	0.0000	4.0956	4.1864	3.0371	2.9671	3.1927	3.6502	3.4046	3.5097	3.5008	4.3289	4.6128	13 12
BRN SEC AIR P	IN WG	06-250	10.55	11.13	9.92	16.24	23.49	23.93	22.72	16.02	14.69	15.55	13.71	13.31	13.04	14 5
BRN GAS REC P	IN WG	06-252	9.90	10.58	9.44	16.22	23.46	23.82	22.73	15.94	14.65	15.34	13.35	12.83	12.67	14 6
FURNACE GAS P	IN WG	08-100	7.14	8.09	6.84	14.18	20.33	20.61	19.87	13.70	12.47	13.53	8.77	8.46	8.56	14 7
BAROMETRIC P	IN HG	PB	0.00	0.00	29.31	29.06	29.59	29.51	29.50	29.20	29.46	29.46	29.10	29.34	29.41	6 29
REL HUMIDITY	%	TST	0.0000	0.0000	7.7180	7.5281	7.7503	7.7819	7.7016	7.7277	7.5568	7.5073	7.5299	7.6551	7.6237	6 30

DATA PAGE NO. 7 AIR & GAS DATA - B&W

AMBIENT AIR TEMP		TC	0.00	0.00	42.89	76.62	68.06	66.98	75.20	78.84	78.93	83.68	86.41	62.58	66.76	7 1
AIR LVG FD FAN T	A	TC	139.4	136.9	135.1	147.5	123.3	130.6	135.6	137.9	142.5	144.8	150.9	141.1	144.6	7 6
AIR LVG FD FAN T	B	TC	143.2	141.1	140.9	152.3	128.6	132.7	138.6	143.4	146.5	150.1	155.2	145.9	145.5	7 7
AIR ENT AH	(T)	GRID	177.1	175.2	139.3	150.7	127.3	132.3	137.7	141.5	145.1	148.0	154.6	144.0	145.7	7 4
GAS LVG AH	(T)	GRID	273.4	272.5	259.0	290.8	286.0	286.7	286.5	272.0	282.7	282.4	270.9	263.9	266.7	7 10
GAS LVG ECON	(T) L	GRID	609.7	613.6	606.1	661.6	644.4	660.0	656.8	622.4	647.0	659.7	581.6	589.2	575.6	7 14
GAS LVG ECON	(T) R	GRID	565.6	565.4	525.0	630.0	677.5	663.3	638.4	585.9	603.2	584.1	563.9	558.9	554.6	7 15
GAS TEMP LVG GR FAN		GRID	580.4	581.5	515.8	615.0	0.0	552.7	540.3	588.7	577.7	0.0	567.3	568.3	563.4	13 7
O2 LVG ECON	(T) L	GRID	2.7853	3.1000	3.0899	3.4967	3.1829	2.8967	2.8424	3.2158	3.0066	2.8930	2.8839	3.7080	3.9581	7 20
O2 LVG ECON	(T) R	GRID	3.0287	3.1500	2.7176	3.2026	2.8930	2.9570	2.8385	2.8848	2.8134	2.7654	3.1296	2.9340	2.9489	7 21
CO LVG ECON	(T) L	GRID	76.3	86.5	53.5	90.0	82.0	127.6	95.9	100.7	103.3	104.2	119.1	138.0	118.1	13 5
CO LVG ECON	(T) R	GRID	94.1	102.3	52.8	76.0	45.7	64.3	68.0	95.5	84.0	81.0	106.6	80.0	79.3	13 6
CO2 LVG ECON	(T) L	GRID	16.03	15.60	16.06	15.30	15.82	16.82	15.96	15.65	16.33	16.12	15.83	15.33	15.25	7 22
CO2 LVG ECON	(T) R	GRID	15.30	14.61	15.71	15.14	15.60	15.60	15.76	15.69	15.52	15.89	15.52	15.67	15.77	7 23
NOX LVG ECON	(T) L	GRID	384.9	353.9	343.2	299.4	260.2	249.5	249.0	256.3	250.6	232.8	324.0	296.4	304.9	7 24
NOX LVG ECON	(T) R	GRID	393.4	361.0	385.1	0.0	316.1	286.7	299.3	304.8	288.2	294.0	319.4	371.2	331.2	7 25
O2 LVG AH	(T)	GRID	10.64	10.39	5.22	4.96	4.41	4.42	4.49	5.19	6.36	5.69	6.17	6.82	10.97	13 1
CO2 LVG AH	(T)	GRID	38.02	27.33	20.09	22.23	39.43	42.15	33.91	39.77	34.81	33.39	37.23	36.17	40.79	13 3
O2 LVG GR FAN	(T)	GRID	18.31	18.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13 4
DRY BULB TEMP	(T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 26
WET BULB TEMP	(T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 27

DATA PAGE NO. 8 FW HTR TEMPERATURES F (C) - PLANT

FW HTR E EXT T		HW	636.0	629.4	601.3	684.2	744.8	743.2	740.7	673.1	679.2	679.9	633.6	645.1	640.0	8 1
FW HTR E LVG T		HW	390.2	389.9	389.3	427.6	458.1	457.0	456.5	424.8	425.8	427.2	396.8	396.2	396.9	8 5
FW HTR E ENT T		HW	330.1	329.7	328.0	360.0	383.3	382.7	382.0	357.3	358.0	359.2	336.6	336.3	335.4	8 7
FW HTR E DRN T		HW	339.5	339.2	338.5	373.9	406.4	406.4	403.6	372.8	373.5	374.9	345.5	351.7	349.0	8 13

TEST NO.			40T	41T	14A	19A	5P	6P	8P	1P	7P	9P	2P	3P	4P	
TEST SEQ. NO.			1	2	3	4	5	6	7	8	9	10	11	12	13	
DATE			02/26/91	02/26/91	04/22/92	04/29/92	05/18/92	05/19/92	05/20/92	05/16/92	05/19/92	05/20/92	05/16/92	05/17/92	05/17/92	
TIME START			0535	0559	2232	1745	1050	0922	0932	1056	1429	1435	1608	0933	1419	
TIME END			0552	0610	0036	1859	1406	1212	1238	1311	1721	1642	1844	1127	1650	
LOAD MW			55	55	55	82	110	110	109	80	82	82	58	58	58	
DATA PAGE NO. 9		**FW HTR TEMPERATURES F (C) - B&W**														
SSH PEND IN LEG	1	10-017	848.1	848.0	785.9	841.8	842.5	845.6	847.3	832.3	851.5	849.9	843.7	818.6	829.6	9 17
SSH PEND IN LEG	2	10-018	879.6	875.0	816.0	865.0	864.4	868.3	871.3	864.0	868.8	864.2	867.7	846.2	862.1	9 18
SSH PEND IN LEG	3	10-019	873.9	865.6	830.1	872.2	872.2	875.0	877.1	868.5	864.6	856.8	872.9	867.4	884.7	9 19
SSH PEND IN LEG	4	10-020	869.4	860.9	848.0	882.1	884.5	885.5	886.7	873.3	866.9	857.8	881.6	885.6	907.0	9 20
SSH PEND IN LEG	5	10-021	844.4	839.6	839.5	868.1	866.7	867.1	867.0	851.4	840.3	831.1	859.6	871.2	890.6	9 21
SSH PEND IN LEG	6	10-033	841.7	842.8	854.8	881.9	887.9	885.5	883.8	873.3	866.0	859.1	883.0	892.1	898.7	9 22
SSH PEND IN LEG	7	10-034	841.3	849.2	849.1	882.9	891.7	887.1	884.8	889.2	887.6	885.2	901.0	893.5	880.5	9 23
SSH PEND IN LEG	8	10-035	851.9	859.0	849.5	874.7	883.6	881.5	879.1	874.5	883.6	880.1	887.0	880.1	864.9	9 24
SSH PEND IN LEG	9	10-036	869.6	875.7	848.7	877.8	879.1	880.3	880.4	864.2	882.1	875.2	871.4	876.3	861.2	9 25
SSH PEND IN LEG	10	10-037	850.6	862.5	818.0	852.1	850.0	852.4	857.6	834.1	852.9	845.1	835.6	861.9	841.8	9 26
RH PEND IN LEG	1	09-049	916.7	913.5	871.5	946.1	945.0	944.6	939.9	938.3	948.2	936.0	908.7	941.5	925.3	8 17
RH PEND IN LEG	2	09-050	897.0	894.5	860.1	940.2	942.6	939.9	935.3	937.3	941.5	926.7	909.6	939.6	922.9	8 18
RH PEND IN LEG	3	09-051	907.1	904.0	863.7	940.0	940.8	939.6	934.9	934.0	942.1	929.2	905.2	937.6	921.4	8 19
RH PEND IN LEG	4	09-052	901.1	898.3	860.1	938.8	940.3	938.6	934.3	933.8	940.0	926.1	905.5	937.1	920.8	8 20
RH PEND IN LEG	5	09-053	937.2	933.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8 21
RH PEND IN LEG	6	10-001	931.9	930.7	893.6	961.9	962.3	960.9	953.7	957.9	969.8	958.3	928.9	956.9	938.3	8 22
RH PEND IN LEG	7	10-002	919.7	917.0	868.2	931.9	933.5	932.1	928.1	922.1	940.0	932.3	891.8	919.9	902.9	8 23
RH PEND IN LEG	8	10-003	940.1	935.4	870.0	939.6	928.4	932.8	932.5	913.4	937.2	929.1	878.6	923.9	907.9	8 24
RH PEND IN LEG	9	10-004	914.7	912.0	870.5	945.6	944.7	944.2	939.7	938.1	948.0	935.5	908.7	941.5	924.7	8 25
RH PEND IN LEG	10	10-005	912.5	908.8	824.9	895.6	885.6	899.0	896.6	860.4	891.5	875.8	833.3	889.1	870.3	8 26
RH INTM HND HOLE	R	10-038	924.8	915.6	867.8	942.8	944.4	944.1	938.4	936.3	945.6	934.1	904.4	938.2	925.7	8 27
RH INTM HND HOLE	L	10-039	848.7	844.2	771.5	839.8	844.1	850.5	847.2	817.8	844.0	829.6	790.4	822.4	815.6	8 28
PSH OUT LEG T		09-017	790.3	780.9	699.1	775.7	801.2	793.1	766.4	759.0	767.7	768.3	760.3	785.6	759.9	14 11
PSH OUT LEG T		09-018	794.6	783.4	705.7	778.9	814.3	801.1	774.6	760.9	769.7	770.2	758.1	791.9	767.5	14 12
PSH OUT LEG T		09-019	745.8	740.2	661.5	718.8	757.9	758.1	725.6	708.0	726.9	728.0	722.3	711.4	696.5	14 13
PSH OUT LEG T		09-020	760.2	753.9	672.2	733.6	774.9	775.8	739.4	717.3	738.3	737.0	732.4	731.4	712.5	14 14
PSH OUT LEG T		09-021	774.3	768.9	690.1	762.2	783.5	780.1	750.1	745.8	755.3	755.2	753.6	767.0	743.6	14 15
PSH OUT LEG T		09-022	786.1	780.4	703.2	775.7	792.2	785.3	760.8	761.1	765.3	767.9	762.8	786.3	759.8	14 16
PSH OUT LEG T		09-023	770.3	762.0	683.1	751.3	790.2	780.4	754.0	733.1	744.5	746.7	735.4	762.4	737.1	14 17
PSH OUT LEG T		09-024	796.8	788.5	716.5	788.7	818.9	806.5	778.9	772.6	776.9	776.9	768.3	801.6	776.8	14 18
PSH OUT LEG T		09-025	766.5	756.8	694.1	753.0	798.1	790.0	758.3	738.1	746.0	745.5	740.8	765.6	746.0	14 19
PSH OUT LEG T		09-026	783.1	774.3	717.2	777.6	805.6	796.7	770.2	761.3	764.0	762.1	759.9	789.8	771.3	14 20
PSH OUT LEG T		09-027	788.1	779.9	724.9	788.6	818.2	809.3	783.0	772.6	775.4	771.4	769.2	798.7	780.4	14 21
DATA PAGE NO. 10		**PULVERIZER COAL AND PA FLOW**														
CYC A COAL FLOW KLB		05-104	16.23	16.62	16.22	22.67	21.58	20.97	20.65	22.96	21.57	22.45	17.13	16.79	16.82	10 1
CYC B COAL FLOW KLB		07-110	-.01	-.01	-.01	-.01	21.57	21.01	20.67	-.01	-.01	-.01	-.01	-.01	-.01	10 2
CYC C COAL FLOW KLB		09-110	16.25	16.63	16.23	22.65	21.54	20.97	20.68	22.92	21.57	22.47	17.10	16.76	16.78	10 3
CYC A SEC AIR FLOW %		06-170	147.9	140.7	138.4	212.8	204.7	202.2	201.9	216.8	212.5	218.4	155.1	158.8	159.1	10 16
CYC B SEC AIR FLOW %		08-170	1.5	1.7	4.2	4.8	202.9	199.5	198.5	5.3	5.2	6.3	5.2	2.4	3.8	10 17
CYC C SEC AIR FLOW %		10-170	162.9	157.4	138.3	213.1	204.4	202.5	202.6	216.7	213.2	218.8	154.6	150.1	149.1	10 18
CYC A SEC AIR T		20-002	498.2	493.7	466.2	531.0	552.2	545.4	530.1	502.6	520.0	508.7	499.2	499.8	492.7	11 1
CYC B SEC AIR T		20-003	526.0	524.3	500.6	572.2	574.8	574.8	560.2	551.5	544.9	543.5	528.6	524.5	519.5	11 2

TEST NO.		40T	41T	14A	19A	5P	6P	8P	1P	7P	9P	2P	3P	4P	
TEST SEQ. NO.		1	2	3	4	5	6	7	8	9	10	11	12	13	
DATE		02/26/91	02/26/91	04/22/92	04/29/92	05/18/92	05/19/92	05/20/92	05/16/92	05/19/92	05/20/92	05/16/92	05/17/92	05/17/92	
TIME START		0535	0559	2232	1745	1050	0922	0932	1056	1429	1435	1608	0933	1419	
TIME END		0552	0610	0036	1859	1406	1212	1238	1311	1721	1642	1844	1127	1650	
LOAD MW		55	55	55	82	110	110	109	80	82	82	58	58	58	
DATA PAGE NO. 10	**PULVERIZER COAL AND PA FLOW**														
CYC C SEC AIR T	20-004	498.1	496.1	477.6	541.2	513.9	521.4	510.6	520.2	513.7	515.4	502.7	501.5	498.2	11 3
PULV COAL FLOW KLB	06-314	16.96	16.94	16.23	22.51	28.27	28.39	28.14	22.34	22.93	23.52	16.36	16.03	16.59	10 4
PULV PA FLOW	06-275	48.40	49.40	47.74	51.33	60.05	59.65	59.90	52.95	53.43	54.12	48.01	48.05	48.05	10 19
PULV INLET T	09-034	475.1	470.7	461.9	540.5	526.9	528.2	516.2	510.5	509.1	509.1	485.0	477.9	477.9	11 7
PULV OUTLET T	09-040	146.4	144.7	148.6	171.4	164.1	165.3	163.9	165.8	174.9	175.2	181.0	170.1	166.0	11 8
DATA PAGE NO. 11	**PULVERIZER INLET TEMP AND PA DIFF**														
PULV DIFF P IN WG	06-274	6.32	6.02	6.08	13.11	14.31	15.71	14.65	8.94	13.10	13.75	5.65	5.52	5.73	11 9
PULV AMPS	06-276	201.9	201.9	202.2	239.2	269.7	295.7	271.5	217.2	240.5	246.9	197.7	195.0	197.4	11 10
PULV PA FAN AMPS	06-277	27.15	26.75	27.13	65.66	94.05	95.05	92.66	56.70	66.29	70.98	30.43	30.26	30.11	11 11
ROT CLASS AMPS	06-278	37.84	38.25	45.76	47.19	49.04	48.43	49.07	42.46	46.21	47.36	42.57	42.59	42.40	11 12
ROT CLASS RPM	06-270	140.7	140.6	163.4	160.1	160.5	162.0	161.5	148.6	160.2	161.8	153.6	155.0	155.0	11 13
ROT CLASS DP IN WG	06-345	.2254	.2364	.3357	.4881	.5177	.5611	.5426	.3350	.4738	.5007	.2644	.2726	.2790	11 14
COAL SILO LEVEL	06-310	29.83	24.88	35.80	72.22	76.91	79.52	81.87	81.31	80.86	83.68	83.52	78.99	77.61	11 15
FLAME INTENSITY #1 %	06-279	106.1	106.1	106.2	106.1	106.2	106.1	106.1	106.1	106.1	106.0	106.1	106.1	106.1	11 16
FLAME INTENSITY #2 %	06-295	91.5	105.7	105.5	106.1	105.5	105.4	105.6	105.8	106.0	106.1	106.1	105.7	105.7	11 17
FLAME INTENSITY #3 %	06-296	106.0	106.2	106.1	106.2	106.1	106.1	106.2	105.2	106.2	0.0	102.7	104.3	104.8	11 18
FLAME INTENSITY #4 %	06-297	105.8	105.9	105.7	106.1	105.6	105.6	105.9	106.0	106.2	106.1	106.1	105.7	105.4	11 19
DATA PAGE NO. 12	**OPERATOR POSITIONS %**														
RH SP VLV POS	15-077	-5.00	-5.00	-5.00	-5.00	56.14	50.29	38.46	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	12 1
SH SP VLV POS R	13-190	53.62	42.10	0.00	38.49	50.84	41.45	33.53	50.05	37.19	49.96	46.59	38.76	31.79	12 3
SH SP VLV POS L	13-191	52.08	43.15	0.00	35.09	39.03	38.18	31.99	0.00	26.40	33.99	0.00	0.00	27.22	12 4
GR DMPR DEMAND	16-044	84.42	93.29	40.19	70.52	-5.00	-5.00	-5.00	59.58	28.80	64.41	98.26	94.37	97.21	12 9
RECIRC AIR DMPR POS	12-176	9.26	10.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12 13
SH PASS DMPR POS	14-180	20.4	17.6	0.0	18.4	100.0	100.0	69.3	4.1	19.7	14.8	.1	.1	.5	12 15
RH PASS DMPR POS	14-180	100.0	100.0	100.0	100.0	20.6	72.9	67.5	100.0	100.0	100.0	100.0	100.0	100.0	12 16
OVRFIRE AIR DMPR POS	06-115	10.28	27.05	24.64	40.80	53.38	56.38	50.09	36.76	37.61	35.36	25.97	25.52	26.06	12 17
BRN SEC AIR DMPR POS	06-286	33.53	32.05	28.75	20.07	18.26	18.13	17.51	20.17	17.92	17.09	29.75	30.28	28.95	12 18
HOT PRI AIR DMPR POS	06-556	100.0	100.0	100.0	100.0	99.6	99.4	99.5	99.3	99.4	99.4	96.3	99.4	99.3	12 19
BRN GAS REC DMPR POS	06-324	0.00	0.00	21.37	31.47	33.00	33.65	31.47	30.04	27.22	28.91	50.14	78.24	44.74	12 20
DATA PAGE NO. 15	**MISCELLANEOUS**														
GAS LVG SH PASS 1A	08-003	-335.3	-333.5	-298.4	-340.9	-441.2	-452.3	-401.2	-311.5	-337.7	-316.9	-281.2	-290.1	-285.6	15 1
GAS LVG SH PASS 1B	08-004	559.1	559.2	498.3	597.3	675.6	665.3	631.4	549.6	582.7	561.5	529.8	529.9	526.1	15 2
GAS LVG SH PASS 1C	08-005	571.7	572.3	508.6	616.9	703.2	675.1	645.1	559.3	592.1	567.5	538.9	537.7	533.3	15 3
GAS LVG SH PASS 1D	08-006	581.9	579.7	518.5	632.1	725.6	712.9	677.6	576.2	619.5	588.0	553.3	549.0	546.0	15 4
GAS LVG SH PASS 2A	08-017	528.1	524.3	479.6	560.7	624.6	624.9	597.2	527.7	557.1	541.1	509.1	505.2	505.4	15 5
GAS LVG SH PASS 2B	08-018	541.1	540.7	488.8	572.4	641.2	636.4	609.6	539.2	568.6	545.6	518.4	518.0	512.4	15 6

TEST NO.			40T	41T	14A	19A	5P	6P	8P	1P	7P	9P	2P	3P	4P	
TEST SEQ. NO.			1	2	3	4	5	6	7	8	9	10	11	12	13	
DATE			02/26/91	02/26/91	04/22/92	04/29/92	05/18/92	05/19/92	05/20/92	05/16/92	05/19/92	05/20/92	05/16/92	05/17/92	05/17/92	
TIME START			0535	0559	2232	1745	1050	0922	0932	1056	1429	1435	1608	0933	1419	
TIME END			0552	0610	0036	1859	1406	1212	1238	1311	1721	1642	1844	1127	1650	
LOAD MW			55	55	55	82	110	110	109	80	82	82	58	58	58	
DATA PAGE NO. 15		MISCELLANEOUS														
GAS LVG SH PASS	2C	08-019	539.6	542.1	488.8	579.0	648.5	643.9	615.2	542.3	572.6	547.6	521.2	519.0	515.1	15 7
GAS LVG SH PASS	2D	08-020	574.3	575.1	513.5	624.1	699.5	685.3	660.5	578.0	606.3	585.0	554.8	551.5	547.5	15 8
GAS LVG SH PASS	3A	08-021	553.4	554.1	504.3	593.9	660.1	660.7	635.9	552.1	586.8	561.4	535.6	529.8	530.2	15 9
GAS LVG SH PASS	3B	08-022	559.3	558.0	507.0	615.3	676.2	660.2	633.3	560.4	586.3	572.7	540.6	534.6	536.6	15 10
GAS LVG SH PASS	3C	08-023	552.8	552.6	501.7	599.3	666.5	654.8	627.5	555.9	583.1	564.1	535.0	530.0	531.7	15 11
GAS LVG SH PASS	3D	08-024	-454.4	-451.4	-407.6	-488.9	-596.8	-596.2	-543.9	-449.9	-474.6	-439.3	-398.3	-428.4	-425.2	15 12
GAS LVG RH PASS	4A	08-033	582.8	587.2	545.2	634.2	621.0	632.8	615.3	608.5	601.1	595.4	574.8	586.1	572.3	15 13
GAS LVG RH PASS	4B	08-034	611.1	617.2	559.7	656.1	638.5	650.8	630.0	626.0	615.8	612.2	584.0	599.6	585.1	15 14
GAS LVG RH PASS	4C	08-035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 15
GAS LVG RH PASS	4D	08-036	616.3	618.2	579.0	696.7	684.2	688.5	659.0	668.2	650.5	635.5	632.4	619.6	606.4	15 16
GAS LVG RH PASS	5A	08-049	579.5	584.7	534.9	616.9	615.0	626.3	607.9	601.8	593.3	588.7	564.4	576.3	567.9	15 17
GAS LVG RH PASS	5B	08-050	596.2	602.4	547.5	640.2	630.6	632.9	619.0	616.8	605.6	601.2	573.6	586.4	574.0	15 18
GAS LVG RH PASS	5C	08-051	594.0	597.5	556.3	651.0	646.2	651.2	627.6	638.8	621.4	612.1	591.8	592.8	585.2	15 19
GAS LVG RH PASS	5D	08-052	576.5	580.3	548.4	650.4	640.4	649.0	624.7	633.7	616.1	607.0	586.6	590.3	581.7	15 20
GAS LVG RH PASS	6A	08-053	584.7	589.4	547.8	627.0	624.6	634.1	619.0	614.6	605.5	600.5	581.9	585.4	578.5	15 21
GAS LVG RH PASS	6B	08-054	599.1	603.5	566.1	651.6	650.0	658.2	638.5	642.3	629.8	622.7	600.4	607.4	598.5	15 22
GAS LVG RH PASS	6C	08-055	583.8	588.7	561.2	647.1	641.9	649.1	630.0	643.9	622.3	619.3	599.9	600.7	594.6	15 23
GAS LVG RH PASS	6D	08-056	582.4	585.0	559.0	655.8	659.9	665.1	641.5	643.4	629.7	617.6	601.5	599.9	594.4	15 24
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 27
RIGHT = A = W			47.0	48.0	82.0	106.0	101.0	102.0	104.0	97.0	103.0	105.0	98.0	99.0	100.0	15 28

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TEST NO.	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11
TEST SEQ. NO.	1	2	3	4	5	6	7	8	9	10	11
DATE	09/28/92	09/28/92	09/28/92	09/29/92	09/29/92	09/30/92	09/30/92	09/30/92	10/01/92	10/02/92	10/03/92
TIME START	1446	1057	1920	1333	1708	1235	1713	2005	2245	0210	0523
TIME END	1702	1302	2104	1545	1913	1429	1846	2138	0039	0354	0707
LOAD MW	77	110	110	77	110	52	83	82	54	82	37
FUEL	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON
ALPHA1											
ALPHA2											

F1 AVG SCANS 35-->47 : 79 MW : CYC. SAME AS 110 MW W/RBN
F2 AVG SCANS 16-->27 : 110 MW : W/RBN
F3 AVG SCANS 61-->70 : 110 MW : WITH REBURN
F4 AVG SCANS 3-->12 : 79 MW : CYC. SAME AS 110 MW W/RBN
F5 AVG SCANS 3-->12 : 110 MW : WITH REBURN
F6 AVG SCANS 5-->15 : 54 MW : CYC SAME AS 82 MW W/REBURN
F7 AVG SCANS 27-->35 : 82 MW : W/RBN
F8 AVG SCANS 42-->50 : 82 MW : W/RBN
F9 AVG SCANS 11-->21 : 54 MW : CYC SAME AS 82 MW W/REBURN
F10 AVG SCANS 28-->37 : 82 MW : W/RBN
F11 AVG SCANS 48-->57 : 40 MW : CYC SAME AS 58 MW W/REBURN

DATA PAGE NO. 2 FLOWS MLB/HR

LOAD MW		20-005	77.3	109.8	110.1	77.2	109.9	52.4	82.6	82.5	54.0	82.4	37.3	2 1
MAIN STEAM FLOW		03-033	515.1	776.8	776.4	513.0	778.2	353.0	566.8	564.3	362.4	568.3	262.8	2 2
1ST STG STM FLW		CALC	503.3	772.9	772.7	501.6	774.4	347.4	545.6	542.9	358.1	547.4	247.0	2 23
FW FLOW		12-170	516.8	781.7	786.3	515.9	779.5	368.2	556.6	555.0	376.3	562.6	275.3	2 3
BLOW DOWN FLOW		EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2 4
RH SPRAY FLOW		14-192	0.0000	0.0000	1.4258	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2 5
SH SPRAY FLOW	L	17-052	1.8887	4.7378	4.1890	5.3991	4.7386	0.0000	7.6953	8.2779	0.0000	0.0000	0.0000	2 7
SH SPRAY FLOW	R	17-056	2.66	4.07	1.20	7.75	4.77	0.00	7.82	11.95	0.00	0.00	0.00	2 8
GR FAN AMPS	A	16-181	39.45	25.80	26.63	37.44	25.31	-.02	-.02	0.00	42.74	31.59	0.00	2 12
GR FAN AMPS	B	16-183	.06	.06	.06	.06	.06	43.62	39.18	38.99	.06	.06	44.26	2 13
GR FAN BUS VOLT		EST	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	2 14
TOTAL GR FLOW		CALC	232.6	80.9	91.7	207.9	79.2	273.4	226.9	227.7	266.6	138.0	269.1	2 24
GR TO SEC AIR		06-932	1.98	11.92	12.08	2.32	12.02	2.78	11.54	11.67	3.04	11.90	3.42	2 25
GR TO SEC AIR		CALC	1.80	11.67	11.70	2.04	11.93	2.37	11.81	11.97	2.70	12.06	2.71	2 26
GR TO FURN		CALC	230.8	69.2	80.0	205.9	67.6	271.0	215.9	216.6	264.2	126.7	266.4	2 27
OFA AIR FLOW		06-931	31.6	235.2	246.2	30.9	245.0	30.0	175.6	174.1	27.5	175.3	27.1	2 28
TMP AIR FLOW		CALC	35.11	46.76	63.22	41.12	53.26	50.83	16.34	26.17	55.21	19.57	69.39	14 10
SEC AIR FLOW		06-320	18.39	30.00	30.00	31.24	30.00	31.21	31.30	31.32	31.22	31.42	31.20	2 29
1st STG PRESS		18-128	690.4	1075.5	1075.2	688.0	1077.7	467.8	750.9	747.0	483.0	753.4	324.2	2 19
OIL FLOW 2A		05-100	.0017	.0017	.0017	.0017	.0017	.0017	.0017	.0017	.0017	.0017	.0031	2 20
OIL FLOW 2B		07-100	.0027	.0029	.0023	.0017	.0017	.0017	0.0000	.0017	.0017	.0017	.0017	2 21
OIL FLOW 2C		09-100	.0016	.0016	.0016	.0016	.0016	.0016	0.0000	.0016	.0016	.0016	.0016	2 22
% PWDR RVR BASN COAL		USER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2 30

TEST NO.	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11
TEST SEQ. NO.	1	2	3	4	5	6	7	8	9	10	11
DATE	09/28/92	09/28/92	09/28/92	09/29/92	09/29/92	09/30/92	09/30/92	09/30/92	10/01/92	10/02/92	10/03/92
TIME START	1446	1057	1920	1333	1708	1235	1713	2005	2245	0210	0523
TIME END	1702	1302	2104	1545	1913	1429	1846	2138	0039	0354	0707
LOAD MW	77	110	110	77	110	52	83	82	54	82	37

DATA PAGE NO. 2 FLOWS MLB/HR

CYCLONE STOIC		CALC	1.1022	1.0815	1.0652	1.0986	1.0733	1.0478	1.1055	1.0885	1.0318	1.0926	1.0317	4 20
REBRN WB STOIC		CALC	100.0	.4	.4	100.0	.4	100.0	.4	.4	100.0	.4	100.0	4 21
REBRN STOIC		CALC	1.1212	.8520	.8450	1.1299	.8389	1.1190	.8459	.8486	1.1183	.8398	1.1940	4 22
LVG FURN STOIC		CALC	1.1782	1.1510	1.1547	1.1858	1.1511	1.1954	1.1456	1.1452	1.1864	1.1383	1.2829	4 23
LVG ECON STOIC		CALC	1.1908	1.1607	1.1643	1.1986	1.1606	1.2134	1.1575	1.1571	1.2040	1.1501	1.3064	4 24

DATA PAGE NO. 3 FLUID TEMPERATURES F - PLANT

SSH OUT T	L	15-152	998.9	998.3	998.5	998.3	998.6	940.6	998.6	998.2	957.4	989.6	913.2	3 1
SSH OUT T	R	15-150	999.2	998.8	998.6	999.1	998.7	944.9	1000.0	998.6	957.5	965.6	924.7	3 2
SSH OUT AVE T		13-160	999.7	1003.1	1001.5	998.5	1000.3	941.1	1001.0	998.0	955.4	980.2	916.7	14 1
LVG SH ATTMP T	L	13-164	730.6	753.2	738.6	719.0	748.5	721.8	738.9	745.6	724.4	713.5	717.3	3 8
LVG SH ATTMP T	R	13-162	730.4	776.0	763.2	717.8	771.9	732.3	752.3	736.7	736.0	740.9	725.3	3 9
PRI SH OUT T	L	HW	742.0	767.3	751.5	748.8	756.0	717.9	777.4	788.0	719.6	709.3	713.7	3 10
PRI SH OUT T	R	HW	761.5	794.7	777.4	770.1	782.8	728.7	801.6	805.5	732.0	737.1	723.0	3 11
ECON H2O OUT T	L	HW	506.0	504.2	511.1	502.6	501.2	477.5	499.4	499.2	478.6	498.5	459.1	3 27
ECON H2O OUT T	R	HW	474.0	517.3	519.0	469.2	511.0	447.4	491.7	494.3	448.9	465.7	434.6	3 28
ECON H2O IN T		20-007	421.8	457.8	458.4	421.3	457.5	388.0	428.8	428.8	390.7	428.3	354.2	3 5
RH SPRAY H2O T		HW	290.2	316.5	316.9	289.3	314.5	265.2	293.4	293.6	267.7	294.2	264.9	3 7
LVG RH T		14-150	999.4	1001.4	1001.8	999.3	1004.7	923.3	998.7	1000.2	928.0	991.0	897.6	3 12
ENT RH T		CALC	662.2	725.4	709.9	660.6	733.3	579.2	679.9	676.3	595.4	658.4	519.5	3 16
COLD RH T		20-006	670.9	746.4	746.6	670.2	744.4	590.1	687.5	684.6	607.2	669.5	525.9	3 18

DATA PAGE NO. 4 FLUID TEMPERATURES F - B&W

AIR ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 1
AIR LVG AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 2
CYC A TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 3
CYC A PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 4
CYC A TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 5
CYC B TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 6
CYC B PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 7
CYC B TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 8
CYC C TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 9
CYC C PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 10
CYC C TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 11
LVG SSH PLAT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 12
ENT PSH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 13
LVG PSH P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 14
LVG PSH P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 15
LVG ECON P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 16
LVG ECON P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 17
GAS ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 18

TEST NO.		F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	
TEST SEQ. NO.		1	2	3	4	5	6	7	8	9	10	11	
DATE		09/28/92	09/28/92	09/28/92	09/29/92	09/29/92	09/30/92	09/30/92	09/30/92	10/01/92	10/02/92	10/03/92	
TIME START		1446	1057	1920	1333	1708	1235	1713	2005	2245	0210	0523	
TIME END		1702	1302	2104	1545	1913	1429	1846	2138	0039	0354	0707	
LOAD MW		77	110	110	77	110	52	83	82	54	82	37	
DATA PAGE NO. 4	**FLUID TEMPERATURES F - B&W**												
GAS LVG AH P	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 19
DATA PAGE NO. 5	**FLUID PRESSURES PSIG**												
TURB THROT P	03-170	1450.1	1450.0	1450.2	1450.3	1450.1	1450.5	1450.4	1450.2	1450.0	1450.0	1449.8	5 1
SEC SH OUT P	CALC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5 2
DRUM PRESS	04-013	1520.5	1609.7	1608.9	1518.0	1607.7	1483.1	1531.4	1530.6	1484.3	1531.8	1467.0	5 3
LVG RH PRESS	15-102	282.3	426.2	428.6	281.9	425.1	192.5	305.1	304.5	197.9	305.8	129.8	5 4
ENT RH PRESS	15-100	295.8	450.1	453.6	297.9	453.1	201.7	324.2	323.0	207.5	323.6	133.7	5 5
FW HTR E EXT P	20-035	286.3	433.4	436.6	286.9	433.9	193.6	311.4	310.6	200.3	311.2	126.0	5 6
FW HTR E EXT P	TRANS	288.4	435.2	438.0	288.3	434.7	195.1	312.4	311.8	201.7	312.6	127.4	5 7
SEC SH OUT P (T)	TRANS	1456.9	1483.5	1484.1	1457.0	1483.7	1446.7	1462.0	1461.9	1446.8	1461.4	1442.1	5 17
DRUM PRESS (T)	TRANS	1486.3	1575.0	1574.8	1485.2	1574.0	1450.8	1496.5	1496.0	1451.5	1498.2	1434.4	5 18
LVG RH-1 P (T)	TRANS	284.5	429.0	431.9	284.2	428.9	193.9	307.8	307.2	200.1	308.5	131.1	5 19
ENT RH-1 P (T)	TRANS	296.7	447.3	450.1	296.4	446.7	0.0	0.0	0.0	0.0	0.0	0.0	5 20
DATA PAGE NO. 6	**AIR & GAS DATA - PLANT**												
AMBIENT AIR DB TEMP	TC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6 1
AIR ENT FD FAN T	HW	81.9	75.1	82.2	93.8	96.7	94.4	99.2	94.7	95.1	93.1	100.8	6 4
AIR LVG FD FAN T A	09-028	119.1	108.1	112.4	129.4	127.2	134.5	133.2	129.6	135.8	129.5	145.3	7 2
AIR LVG FD FAN T B	09-029	119.5	109.7	109.3	126.8	122.4	132.5	132.7	128.6	134.5	128.2	144.5	7 3
AIR ENT AH T RA	20-017	163.3	151.8	140.3	161.3	141.5	174.7	160.3	157.2	162.0	167.1	176.4	6 2
AIR ENT AH T RB	20-018	143.8	136.1	134.0	149.4	143.6	168.7	154.7	150.6	162.7	152.1	181.2	6 3
AIR ENT AH T LA	20-025	179.1	173.4	175.1	190.6	189.4	194.7	187.4	184.9	186.6	191.3	201.9	13 25
AIR ENT AH T LB	20-029	162.6	153.8	147.9	174.3	160.1	187.8	166.9	163.7	174.1	172.1	186.5	13 26
AIR LVG AH T R	HW	0.0	0.0	0.0	557.1	618.8	511.7	551.5	568.9	525.9	547.2	506.0	6 6
AIR LVG AH T L	HW	566.7	552.8	583.3	571.6	581.5	517.8	545.0	557.7	540.4	577.3	501.1	6 7
BRN SEC AIR T	08-002	521.2	542.5	556.1	528.4	563.3	510.1	550.4	566.9	531.0	576.0	499.0	14 2
BRN SA/GR T	08-001	493.2	540.4	565.3	507.1	567.2	487.5	547.0	564.8	506.4	567.6	485.4	14 3
OFA TEMP	09-002	466.1	541.9	559.1	459.6	566.1	436.6	524.6	540.1	473.7	540.8	450.0	14 4
GAS LVG AH T RA	20-019	287.2	299.2	304.5	289.2	310.7	276.1	290.3	293.0	288.4	283.6	274.1	6 10
GAS LVG AH T RB	20-020	273.9	286.5	290.7	276.8	297.0	257.0	277.9	279.8	271.0	273.1	250.5	6 11
GAS LVG AH T LA	20-027	270.6	275.5	282.7	280.0	294.7	268.2	272.2	274.6	281.3	280.0	264.5	13 27
GAS LVG AH T LB	20-024	281.7	289.3	295.3	291.0	307.4	276.9	282.3	285.7	289.6	291.2	272.6	13 28
GAS LVG RH PS T	AVE	641.3	635.4	674.5	650.8	668.2	579.2	619.1	633.2	596.0	661.5	552.8	13 17
GAS LVG SH PS T	AVE	584.5	676.6	682.6	588.9	696.1	524.9	603.3	620.1	517.1	568.0	518.4	13 19
GR GAS TEMP A	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14 8
GR GAS TEMP B	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14 9
O2 LVG ECON R	11-172	3.4778	3.2733	3.3522	3.4334	3.3142	3.7947	3.1622	3.2468	3.6988	3.0402	4.9303	6 20
O2 LVG ECON L	11-170	3.4227	2.4255	2.5636	3.6374	2.5965	3.7672	2.6975	2.6296	3.6130	2.4940	5.0793	6 21
O2 IN SEC AIR	06-254	19.29	15.85	15.82	19.80	15.83	19.59	16.12	16.09	19.47	15.99	19.42	13 29
ACCUREX NOX PPM	06-553	514.8	298.7	306.3	490.6	298.1	434.6	279.9	284.8	448.7	251.0	474.1	13 9

TEST NO.			F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	
TEST SEQ. NO.			1	2	3	4	5	6	7	8	9	10	11	
DATE			09/28/92	09/28/92	09/28/92	09/29/92	09/29/92	09/30/92	09/30/92	09/30/92	10/01/92	10/02/92	10/03/92	
TIME START			1446	1057	1920	1333	1708	1235	1713	2005	2245	0210	0523	
TIME END			1702	1302	2104	1545	1913	1429	1846	2138	0039	0354	0707	
LOAD MW			77	110	110	77	110	52	83	82	54	82	37	
DATA PAGE NO. 6	AIR & GAS DATA - PLANT													
ACCUREX SOX	PPM	06-555	1198.9	1206.7	1175.7	1180.5	1201.6	1099.6	1080.7	1113.3	1133.3	1126.7	1058.2	13 10
ACCUREX CO	PPM	06-425	20.65	19.58	20.22	17.59	26.76	33.19	51.52	43.30	26.43	63.81	42.13	13 11
ACCUREX O2	%	06-554	3.3658	2.7931	2.8945	3.3984	2.8499	3.6999	2.8647	2.8935	3.4493	2.6815	5.0425	13 12
BRN SEC AIR P	IN WG	06-250	11.12	21.39	21.67	12.22	22.40	7.49	13.56	13.60	7.77	14.57	5.74	14 5
BRN GAS REC P	IN WG	06-252	11.15	21.34	21.49	12.10	22.37	7.40	13.55	13.49	7.60	14.47	5.55	14 6
FURNACE GAS P	IN WG	08-100	12.15	18.51	18.43	11.99	19.02	7.52	11.80	11.72	7.62	12.40	5.64	14 7
BAROMETRIC P	IN HG	PB	29.52	29.53	29.57	29.54	29.49	29.44	29.41	29.36	29.22	29.19	29.07	6 29
REL HUMIDITY	%	TST	13.55	16.14	18.81	10.95	12.08	13.55	13.83	17.45	21.02	21.14	18.60	6 30
DATA PAGE NO. 7	AIR & GAS DATA - B&W													
AMBIENT AIR TEMP		TC	104.3	102.3	102.8	108.8	111.5	115.7	116.2	109.1	113.5	110.9	105.9	7 1
AIR LVG FD FAN T	A	TC	121.1	110.4	114.3	131.3	129.1	136.7	135.5	131.6	137.7	131.3	147.0	7 6
AIR LVG FD FAN T	B	TC	121.4	111.8	111.3	128.5	124.3	134.9	135.1	130.4	136.7	130.2	146.4	7 7
AIR ENT AH	(T)	GRID	165.8	154.6	149.9	171.9	158.3	181.1	170.0	166.9	172.4	174.0	186.2	7 4
GAS LVG AH	(T)	GRID	270.2	279.7	284.8	276.4	294.5	264.1	273.1	275.8	275.1	275.2	262.4	7 10
GAS LVG ECON	(T) L	GRID	657.3	664.1	695.5	666.5	698.0	595.6	636.9	651.0	613.7	676.2	568.7	7 14
GAS LVG ECON	(T) R	GRID	605.5	677.0	698.8	611.3	699.9	550.1	615.2	634.1	547.5	593.0	540.4	7 15
GAS TEMP LVG GR FAN		GRID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13 7
O2 LVG ECON	(T) L	GRID	3.5723	2.7165	2.8420	3.7261	2.8940	3.9209	2.9869	2.8828	3.7099	2.8592	5.3812	7 20
O2 LVG ECON	(T) R	GRID	3.4454	3.1720	3.2107	3.3974	3.0538	3.7322	3.1307	3.1533	3.6743	3.0760	5.2319	7 21
CO LVG ECON	(T) L	GRID	71.8	74.9	109.8	75.2	114.8	68.0	104.7	104.1	66.3	170.1	56.2	13 5
CO LVG ECON	(T) R	GRID	56.5	133.5	169.6	68.8	220.1	61.5	95.3	109.2	48.9	66.1	54.7	13 6
CO2 LVG ECON	(T) L	GRID	15.87	16.56	15.65	15.49	16.19	15.30	15.79	15.84	16.22	17.08	14.60	7 22
CO2 LVG ECON	(T) R	GRID	15.39	15.63	15.70	15.30	15.59	15.18	15.73	15.67	14.68	14.99	13.04	7 23
NOX LVG ECON	(T) L	GRID	554.3	304.4	298.6	496.4	292.4	467.0	293.9	283.8	466.7	248.7	527.4	7 24
NOX LVG ECON	(T) R	GRID	539.0	304.3	304.2	490.0	304.0	436.7	286.0	312.0	485.4	282.7	514.9	7 25
O2 LVG AH	(T)	GRID	4.9428	4.1040	4.2260	5.0487	4.1668	5.6444	4.3584	4.3299	5.4734	4.2515	7.1416	13 1
CO2 LVG AH	(T)	GRID	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	13 3
O2 LVG GR FAN	(T)	GRID	0.00	0.00	0.00	26.33	3.22	0.00	4.28	4.41	5.37	4.13	0.00	13 4
DRY BULB TEMP	(T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 26
WET BULB TEMP	(T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 27
DATA PAGE NO. 8	FW HTR TEMPERATURES F - PLANT													
FW HTR E EXT T		HW	669.1	744.5	744.1	668.0	740.8	585.6	684.5	682.2	604.1	666.4	523.8	8 1
FW HTR E LVG T		HW	420.0	456.5	456.2	419.1	454.0	383.9	425.6	425.7	388.4	425.7	352.5	8 5
FW HTR E ENT T		HW	355.4	386.0	383.1	354.7	381.0	325.2	359.3	359.7	328.9	359.3	301.4	8 7
FW HTR E DRN T		HW	371.2	405.4	405.1	369.1	401.6	338.0	374.6	375.2	346.0	376.5	318.7	8 13

TEST NO.		F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11		
TEST SEQ. NO.		1	2	3	4	5	6	7	8	9	10	11		
DATE		09/28/92	09/28/92	09/28/92	09/29/92	09/29/92	09/30/92	09/30/92	09/30/92	10/01/92	10/02/92	10/03/92		
TIME START		1446	1057	1920	1333	1708	1235	1713	2005	2245	0210	0523		
TIME END		1702	1302	2104	1545	1913	1429	1846	2138	0039	0354	0707		
LOAD MW		77	110	110	77	110	52	83	82	54	82	37		
DATA PAGE NO. 9	FW HTR TEMPERATURES F - B&W													
SSH PEND IN LEG	1	10-017	858.2	857.7	849.2	848.9	853.6	845.3	842.4	845.3	854.8	826.3	836.1	9 17
SSH PEND IN LEG	2	10-018	878.1	878.2	871.3	868.4	874.0	855.7	865.3	865.7	865.4	846.3	846.8	9 18
SSH PEND IN LEG	3	10-019	874.5	886.5	879.1	865.5	882.0	845.6	870.3	862.9	854.7	851.1	836.6	9 19
SSH PEND IN LEG	4	10-020	879.4	903.0	894.0	872.5	897.5	851.2	883.7	868.6	859.4	869.3	840.3	9 20
SSH PEND IN LEG	5	10-021	846.0	879.7	869.1	840.4	870.1	817.2	857.7	838.6	826.1	845.7	808.5	9 21
SSH PEND IN LEG	6	10-033	874.2	904.3	892.5	869.3	893.3	847.2	899.1	880.1	854.6	875.1	836.0	9 22
SSH PEND IN LEG	7	10-034	875.3	895.9	883.5	870.1	881.8	845.5	895.4	892.1	852.3	864.7	832.8	9 23
SSH PEND IN LEG	8	10-035	870.5	889.4	878.1	863.0	875.8	843.1	885.7	885.3	851.5	860.2	830.4	9 24
SSH PEND IN LEG	9	10-036	877.5	886.2	877.0	868.1	877.8	848.8	881.9	883.8	860.1	859.8	836.0	9 25
SSH PEND IN LEG	10	10-037	862.8	856.7	848.6	852.7	856.2	834.5	846.4	852.1	847.4	833.0	816.9	9 26
RH PEND IN LEG	1	09-049	942.1	950.5	945.2	938.6	947.3	870.3	943.7	945.3	871.9	934.7	848.5	8 17
RH PEND IN LEG	2	09-050	931.3	945.5	938.3	929.2	940.2	859.0	942.9	943.3	859.9	926.5	838.6	8 18
RH PEND IN LEG	3	09-051	935.9	946.0	940.2	933.0	942.4	865.1	941.1	941.9	866.3	929.1	843.6	8 19
RH PEND IN LEG	4	09-052	932.1	944.3	937.9	929.5	940.1	860.3	940.6	940.9	861.4	926.0	839.4	8 20
RH PEND IN LEG	5	09-053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8 21
RH PEND IN LEG	6	10-001	961.4	968.3	962.9	957.3	963.0	889.7	962.1	962.9	889.1	957.4	864.8	8 22
RH PEND IN LEG	7	10-002	931.5	939.7	936.7	926.1	935.4	865.6	931.0	931.7	866.0	926.0	844.8	8 23
RH PEND IN LEG	8	10-003	940.4	939.2	939.4	934.7	940.7	872.7	927.8	930.9	875.9	932.0	854.4	8 24
RH PEND IN LEG	9	10-004	942.4	950.9	945.3	939.0	947.5	870.8	945.0	945.7	871.7	936.1	848.4	8 25
RH PEND IN LEG	10	10-005	918.6	904.5	905.5	912.2	921.7	855.8	884.0	885.8	855.5	897.0	823.7	8 26
RH INTM HND HOLE	R	10-038	939.5	949.5	944.6	936.6	946.7	868.8	939.1	944.1	873.0	929.1	848.8	8 27
RH INTM HND HOLE	L	10-039	862.8	857.6	853.2	854.7	863.9	804.0	833.1	835.5	802.5	833.8	773.7	8 28
PSH OUT LEG T		09-017	762.9	787.7	771.6	773.5	778.5	736.1	799.4	808.3	740.5	738.4	730.7	14 11
PSH OUT LEG T		09-018	765.9	802.2	784.5	777.5	791.6	736.1	806.0	811.4	740.9	740.7	731.1	14 12
PSH OUT LEG T		09-019	726.4	752.0	735.2	733.0	743.6	708.0	752.0	769.4	710.9	686.8	704.6	14 13
PSH OUT LEG T		09-020	737.8	768.9	752.3	743.4	759.5	717.6	771.2	787.6	720.1	701.4	714.9	14 14
PSH OUT LEG T		09-021	754.1	768.1	758.2	761.7	760.4	728.3	786.7	797.5	730.6	729.0	724.1	14 15
PSH OUT LEG T		09-022	764.2	777.9	764.9	775.2	769.7	737.8	796.0	803.6	741.4	741.8	730.7	14 16
PSH OUT LEG T		09-023	740.5	781.3	762.0	752.4	771.6	717.9	782.5	790.6	721.8	712.7	714.1	14 17
PSH OUT LEG T		09-024	778.8	805.5	792.7	788.5	796.1	743.9	814.3	818.7	748.1	754.7	737.4	14 18
PSH OUT LEG T		09-025	746.5	789.6	771.9	756.1	779.5	719.7	789.3	796.7	723.2	721.4	716.7	14 19
PSH OUT LEG T		09-026	770.7	794.6	780.1	781.2	787.1	739.5	805.2	808.1	743.9	752.4	730.3	14 20
PSH OUT LEG T		09-027	778.3	808.9	791.8	788.6	800.5	744.2	815.8	818.1	748.4	763.1	734.3	14 21
DATA PAGE NO. 10	FUEL FEED DATA - PLANT													
CYC A COAL FLOW KLB		05-104	21.79	21.69	21.69	21.69	21.55	23.01	23.11	23.01	23.05	22.98	16.81	10 1
CYC B COAL FLOW KLB		07-110	21.79	21.70	21.69	21.68	21.54	-.01	-.01	-.01	-.01	-.01	-.01	10 2
CYC C COAL FLOW KLB		09-110	21.81	21.71	21.71	21.70	21.56	22.99	23.10	22.98	23.07	23.00	16.82	10 3
CYC A SEC AIR FLOW %		06-170	206.7	201.4	201.1	205.6	199.8	207.9	215.4	214.0	210.5	214.8	156.5	10 16
CYC B SEC AIR FLOW %		08-170	206.1	198.5	198.1	203.7	195.6	3.0	3.6	2.6	1.7	2.2	1.0	10 17
CYC C SEC AIR FLOW %		10-170	206.8	201.8	201.9	205.4	200.1	207.7	215.6	213.7	210.5	215.5	157.1	10 18
CYC A SEC AIR T		20-002	508.2	540.7	549.4	509.0	558.4	478.7	510.0	525.1	491.8	493.3	472.7	11 1
CYC B SEC AIR T		20-003	557.2	571.5	592.2	561.6	599.1	511.2	537.2	554.2	534.3	564.5	498.0	11 2

TEST NO.	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11
TEST SEQ. NO.	1	2	3	4	5	6	7	8	9	10	11
DATE	09/28/92	09/28/92	09/28/92	09/29/92	09/29/92	09/30/92	09/30/92	09/30/92	10/01/92	10/02/92	10/03/92
TIME START	1446	1057	1920	1333	1708	1235	1713	2005	2245	0210	0523
TIME END	1702	1302	2104	1545	1913	1429	1846	2138	0039	0354	0707
LOAD MW	77	110	110	77	110	52	83	82	54	82	37

DATA PAGE NO. 10 FUEL FEED DATA - PLANT

CYC C SEC AIR T	20-004	522.5	513.6	538.5	529.7	543.0	488.9	509.8	522.6	512.8	536.3	475.9	11	3
PULV COAL FLOW KLB	06-314	.08	29.04	29.02	.07	28.95	.07	24.24	24.17	.07	24.10	.08	10	4
PULV PA FLOW	06-275	0.00	61.04	61.00	.43	60.96	1.22	55.03	54.92	1.50	54.85	0.00	10	19
PULV INLET T	09-034	128.5	525.2	535.2	99.3	548.5	101.6	497.4	514.5	105.9	516.1	142.4	11	7
PULV OUTLET T	09-040	130.8	151.8	154.3	116.8	158.9	109.2	145.9	160.2	113.8	156.4	135.1	11	8

DATA PAGE NO. 11 POWER & ELECTRICAL SYSTEM DATA

PULV DIFF P IN WG	06-274	-.02	13.78	12.97	-.05	13.80	-.01	13.18	13.93	-.01	11.91	-.02	11	9
PULV AMPS	06-276	-.1	278.0	266.6	-.1	274.9	-.1	261.9	264.2	-.1	248.3	0.0	11	10
PULV PA FAN AMPS	06-277	-.05	85.26	84.06	.07	86.97	-.10	63.24	65.86	.06	61.58	.03	11	11
ROT CLASS AMPS	06-278	.03	44.85	44.68	12.91	45.98	.03	46.42	46.28	.03	44.60	.03	11	12
ROT CLASS RPM	06-270	-.2	155.8	156.6	43.7	159.4	-.3	163.1	163.2	-.3	162.2	-.2	11	13
ROT CLASS DP IN WG	06-345	.0043	.4882	.4847	.1224	.5139	.0051	.5386	.5243	.0041	.5069	.0041	11	14
COAL SILO LEVEL	06-310	80.95	66.26	79.35	93.23	68.82	92.98	82.52	53.89	93.63	83.16	13.08	11	15
FLAME INTENSITY #1 %	06-279	24.4	105.5	105.8	22.5	106.2	1.6	106.1	106.1	1.8	106.0	.7	11	16
FLAME INTENSITY #2 %	06-295	3.6	104.7	105.0	4.0	105.5	1.0	105.7	105.5	1.0	105.3	.9	11	17
FLAME INTENSITY #3 %	06-296	3.6	105.7	105.9	4.6	106.2	.8	106.1	106.1	1.1	106.1	.8	11	18
FLAME INTENSITY #4 %	06-297	4.9	105.0	105.1	5.3	105.8	1.2	105.9	105.7	1.5	105.3	.8	11	19

DATA PAGE NO. 12 OPERATOR POSITIONS

RH SP VLV POS	15-077	-5.00	15.10	20.62	-5.00	-4.31	-5.00	-5.00	-5.00	-4.94	-5.00	-5.00	12	1
SH SP VLV POS R	13-190	35.09	31.39	28.63	45.93	29.83	0.00	42.32	51.15	0.00	0.00	0.00	12	3
SH SP VLV POS L	13-191	32.38	33.65	32.35	38.91	32.54	0.00	41.27	42.56	0.00	0.00	0.00	12	4
GR DMPR DEMAND	16-044	85.9	-5.0	11.2	64.4	-3.5	105.0	60.1	60.1	105.0	40.1	100.1	12	9
RECIRC AIR DMPR POS	12-176	17.30	43.10	89.26	17.41	76.92	13.31	16.13	16.75	11.05	19.64	10.65	12	13
SH PASS DMPR POS	14-180	11.9	100.0	83.1	12.1	100.0	0.0	36.2	39.1	0.0	10.0	0.0	12	15
RH PASS DMPR POS	14-180	100.0	33.0	100.0	100.0	36.2	100.0	100.0	100.0	100.0	100.0	100.0	12	16
OVRFIRE AIR DMPR POS	06-115	5.00	47.97	52.32	5.00	52.75	5.00	37.07	37.15	5.00	37.58	5.00	12	17
BRN SEC AIR DMPR POS	06-286	1.27	22.59	23.25	20.72	23.59	18.65	21.22	21.96	19.59	22.60	18.49	12	18
HOT PRI AIR DMPR POS	06-556	0.00	99.73	99.38	0.00	99.54	0.00	99.64	99.50	0.00	99.70	0.00	12	19
BRN GAS REC DMPR POS	06-324	0.00	34.84	36.00	0.00	24.79	0.00	29.96	29.98	0.00	28.88	0.00	12	20

DATA PAGE NO. 15 MISCELLANEOUS DATA

GAS LVG SH PASS 1A	08-003	-391.9	-484.7	-467.3	-379.4	-486.2	-318.8	-380.8	-395.9	-289.9	-336.1	-293.1	15	1
GAS LVG SH PASS 1B	08-004	585.5	674.0	689.1	587.3	701.1	524.8	602.6	619.2	517.2	566.0	516.7	15	2
GAS LVG SH PASS 1C	08-005	591.7	697.0	704.1	596.2	721.8	527.3	611.2	635.0	520.2	581.4	525.3	15	3
GAS LVG SH PASS 1D	08-006	624.0	728.3	754.8	624.2	756.2	543.6	642.5	669.4	539.5	602.4	540.5	15	4
GAS LVG SH PASS 2A	08-017	553.2	627.4	631.7	556.2	644.0	504.8	567.5	581.1	494.6	537.9	495.0	15	5
GAS LVG SH PASS 2B	08-018	567.7	647.5	652.0	570.0	664.9	515.7	588.5	597.8	502.0	551.6	504.2	15	6

TEST NO.	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11
TEST SEQ. NO.	1	2	3	4	5	6	7	8	9	10	11
DATE	09/28/92	09/28/92	09/28/92	09/29/92	09/29/92	09/30/92	09/30/92	09/30/92	10/01/92	10/02/92	10/03/92
TIME START	1446	1057	1920	1333	1708	1235	1713	2005	2245	0210	0523
TIME END	1702	1302	2104	1545	1913	1429	1846	2138	0039	0354	0707
LOAD MW	77	110	110	77	110	52	83	82	54	82	37

DATA PAGE NO. 15 MISCELLANEOUS DATA

GAS LVG SH PASS	2C	08-019	564.9	660.2	663.7	571.0	678.2	512.1	587.1	604.1	503.8	555.8	503.4	15 7
GAS LVG SH PASS	2D	08-020	602.0	707.0	708.7	604.6	726.9	538.0	628.5	648.0	532.7	593.2	533.3	15 8
GAS LVG SH PASS	3A	08-021	587.0	683.8	677.0	591.1	688.3	530.9	601.9	621.4	524.4	561.6	523.0	15 9
GAS LVG SH PASS	3B	08-022	590.4	676.1	681.2	599.0	700.3	528.9	602.2	616.9	520.5	565.2	525.1	15 10
GAS LVG SH PASS	3C	08-023	578.5	664.4	663.3	589.5	679.4	523.4	597.0	612.2	516.3	565.3	517.4	15 11
GAS LVG SH PASS	3D	08-024	-505.7	-647.9	-631.7	-491.1	-620.8	-412.4	-515.9	-543.0	-415.0	-479.3	-412.9	15 12
GAS LVG RH PASS	4A	08-033	639.6	626.4	669.7	645.9	661.9	574.4	603.5	615.1	592.3	659.5	542.8	15 13
GAS LVG RH PASS	4B	08-034	651.6	634.2	686.4	656.5	672.8	583.9	618.1	632.4	604.2	672.9	549.8	15 14
GAS LVG RH PASS	4C	08-035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 15
GAS LVG RH PASS	4D	08-036	659.5	657.3	719.4	667.3	696.4	589.6	649.8	678.1	615.0	699.8	584.5	15 16
GAS LVG RH PASS	5A	08-049	627.5	615.2	647.7	637.1	650.1	567.5	598.1	604.6	581.9	632.0	534.8	15 17
GAS LVG RH PASS	5B	08-050	637.1	627.0	669.5	647.2	657.4	577.5	612.9	620.4	593.4	655.2	540.5	15 18
GAS LVG RH PASS	5C	08-051	643.1	636.1	675.6	651.8	678.8	582.7	621.1	639.3	597.5	667.5	553.7	15 19
GAS LVG RH PASS	5D	08-052	631.9	629.1	666.7	642.4	663.3	569.7	615.9	638.6	585.3	656.8	548.6	15 20
GAS LVG RH PASS	6A	08-053	633.6	620.8	654.0	641.5	654.3	575.2	607.4	618.1	591.9	647.7	547.2	15 21
GAS LVG RH PASS	6B	08-054	645.8	648.9	678.0	657.0	671.7	589.7	629.9	640.2	603.0	666.1	560.2	15 22
GAS LVG RH PASS	6C	08-055	637.0	638.0	667.5	650.6	663.8	578.2	620.0	632.7	594.9	659.2	556.6	15 23
GAS LVG RH PASS	6D	08-056	648.0	656.4	684.9	661.4	679.8	583.0	636.6	648.6	596.1	660.1	561.8	15 24
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 27
RIGHT = A = W			107.0	108.0	109.0	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	15 28

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TEST NO.	F12	F12	F14	F15	F16	F17	F18	F19	FFB	FMB	FLB
TEST SEQ. NO.	12	13	14	15	16	17	18	19	20	21	22
DATE	10/02/92	10/03/92	10/03/92	10/04/92	10/04/92	10/05/92	10/05/92	10/05/92	09/28/92	09/30/92	10/03/92
TIME START	2248	0126	2127	0056	2025	0004	0243	2205	1814	1600	0434
TIME END	0043	0310	2322	0254	2220	0200	0427	0000	1828	1610	0440
LOAD MW	58	58	38	59	38	59	59	110	110	82	58
FUEL	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON
ALPHA1											
ALPHA2											

F12 AVG SCANS 10-->20 : 58 MW : W/RBN
F12 AVG SCANS 25-->34 : 58 MW : W/RBN
F14 AVG SCANS 5-->15 : 40 MW : CYC SAME AS 58 MW W/REBURN
F15 AVG SCANS 25-->31 : 58 MW : W/RBN
F16 AVG SCANS 6-->16 : LOWEST REBURN LOAD : 180 RPM CLASS SPEED
F17 AVG SCANS 27-->37 : 58 MW : REBURN WITH 1 CYCLONE OPERATION
F18 AVG SCANS 42-->51 : 58 MW : REBURN WITH 2 CYC. HIGH AIR
F19 AVG SCANS 154-->164 : 110 MW : NO REBURN
FFB SINGLE SCAN : 110 MW : PRE-REBURN BASE
FMB SINGLE SCAN : 82 MW : PRE-REBURN BASE
FLB SINGLE SCAN : 58 MW : PRE-REBURN BASE

DATA PAGE NO. 2 FLOWS MLB/HR

LOAD MW		20-005	58.1	57.6	37.7	59.3	38.0	59.2	58.8	110.3	109.8	82.3	57.9	2 1
MAIN STEAM FLOW		03-033	381.3	383.0	263.5	392.9	269.1	390.7	385.4	776.2	776.2	567.4	384.9	2 2
1ST STG STM FLW		CALC	379.5	380.6	247.8	392.4	253.4	389.7	383.9	772.6	772.3	546.4	382.7	2 23
FW FLOW		12-170	391.5	396.8	273.9	406.2	277.6	400.6	395.6	785.7	791.7	556.5	396.1	2 3
BLOW DOWN FLOW		EST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2 4
RH SPRAY FLOW		14-192	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.05	0.00	0.00	2 5
SH SPRAY FLOW	L	17-052	3.34	0.00	0.00	1.64	0.00	2.99	1.29	12.53	12.39	10.05	0.00	2 7
SH SPRAY FLOW	R	17-056	0.00	0.00	0.00	0.00	0.00	10.18	0.00	14.89	14.66	11.11	0.00	2 8
GR FAN AMPS	A	16-181	40.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.81	-.02	0.00	2 12
GR FAN AMPS	B	16-183	.06	42.45	44.71	42.72	36.12	40.70	39.24	.06	.06	39.77	42.76	2 13
GR FAN BUS VOLT		EST	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	2 14
TOTAL GR FLOW		CALC	242.6	263.7	266.9	267.5	168.2	243.5	226.0	0.0	55.1	240.1	271.4	2 24
GR TO SEC AIR		06-932	12.97	13.03	3.48	12.96	12.99	13.02	13.00	.69	2.00	2.42	3.08	2 25
GR TO SEC AIR		CALC	12.34	11.87	2.84	12.26	12.17	12.49	12.16	35.00	1.68	2.15	2.42	2 26
GR TO FURN		CALC	230.9	251.8	264.1	255.3	156.0	231.0	213.8	0.0	53.4	238.1	269.0	2 27
OFA AIR FLOW		06-931	97.4	90.1	28.1	95.6	81.0	104.0	117.5	28.0	31.5	31.4	26.2	2 28
TMP AIR FLOW		CALC	37.44	25.88	69.95	26.34	36.54	13.40	57.82	59.56	40.48	7.94	29.87	14 10
SEC AIR FLOW		06-320	42.83	42.84	31.23	42.89	44.00	43.31	43.22	31.21	31.18	31.21	31.41	2 29
1st STG PRESS		18-128	513.6	515.1	325.5	532.0	333.5	528.1	519.9	1075.2	1074.7	752.0	518.1	2 19
OIL FLOW 2A		05-100	.0017	.0017	.0017	.0029	.0017	.0017	.0033	.0019	.0017	.0017	.0021	2 20
OIL FLOW 2B		07-100	.0017	.0017	.0017	.0017	.0017	.0017	.0017	.0017	.0026	.0017	.0017	2 21
OIL FLOW 2C		09-100	.0016	.0016	.0016	.0016	.0030	.0028	.0016	.0016	.0016	.0016	.0016	2 22
% PWDR RVR BASN COAL		USER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2 30

TEST NO.			F12	F12	F14	F15	F16	F17	F18	F19	FFB	FMB		FLB	
TEST SEQ. NO.			12	13	14	15	16	17	18	19	20	21		22	
DATE			10/02/92	10/03/92	10/03/92	10/04/92	10/04/92	10/05/92	10/05/92	10/05/92	09/28/92	09/30/92		10/03/92	
TIME START			2248	0126	2127	0056	2025	0004	0243	2205	1814	1600		0434	
TIME END			0043	0310	2322	0254	2220	0200	0427	0000	1828	1610		0440	
LOAD MW			58	58	38	59	38	59	59	110	110	82		58	
DATA PAGE NO. 2	**FLOWS MLB/HR**														
CYCLONE STOIC		CALC	1.0545	1.0695	1.0405	1.0697	1.0661	1.1099	1.0564	1.0908	1.1031	1.1507		1.1005	4 20
REBRN WB STOIC		CALC	.6	.6	100.0	.6	.7	.7	.7	100.0	100.0	100	0	100.0	4 21
REBRN STOIC		CALC	.9312	.9352	1.2007	.9264	.9439	.8996	.9353	1.1406	1.1243	1.1228		1.1259	4 22
LVG FURN STOIC		CALC	1.1587	1.1473	1.2925	1.1469	1.2093	1.1396	1.2060	1.1759	1.1633	1.1765		1.1877	4 23
LVG ECON STOIC		CALC	1.1752	1.1639	1.3158	1.1629	1.2324	1.1557	1.2220	1.1852	1.1729	1.1883		1.2043	4 24
DATA PAGE NO. 3	**FLUID TEMPERATURES F - PLANT**														
SSH OUT T	L	15-152	998.8	971.6	943.0	971.9	942.5	986.2	1000.2	999.7	1000.2	1011	5	959.6	3 1
SSH OUT T	R	15-150	997.2	977.1	941.8	995.0	954.8	1003.9	999.6	999.9	993.1	998	4	986.2	3 2
SSH OUT AVE T		13-160	998.1	975.1	939.5	985.7	952.2	998.8	1002.8	998.9	997.3	1003	1	970.5	14 1
LVG SH ATTMP T	L	13-164	699.3	715.5	721.8	716.0	683.1	729.3	717.7	743.9	727.5	741	3	733.7	3 8
LVG SH ATTMP T	R	13-162	744.6	732.9	734.2	740.5	700.3	683.3	753.7	740.0	722.6	733	8	742.4	3 9
PRI SH OUT T	L	HW	726.1	711.3	720.4	714.6	682.4	732.6	728.4	786.3	770.4	794	2	729.5	3 10
PRI SH OUT T	R	HW	747.2	729.8	732.7	745.9	700.5	761.9	758.3	794.5	778.1	798	5	739.5	3 11
ECON H2O OUT T	L	HW	488.6	481.0	466.3	486.8	442.0	488.3	491.3	507.6	511.6	492	7	485.0	3 27
ECON H2O OUT T	R	HW	453.9	448.6	441.0	452.5	418.5	455.0	454.6	520.2	517.2	500	8	452.5	3 28
ECON H2O IN T		20-007	396.7	395.9	354.6	398.4	355.8	398.8	397.9	459.5	459.0	428	9	396.3	3 5
RH SPRAY H2O T		HW	271.1	268.8	267.9	274.5	264.9	269.9	269.5	316.8	317.2	293	3	273.4	3 7
LVG RH T		14-150	979.0	943.3	916.0	955.1	890.7	971.0	998.7	1001.3	985.7	991	4	939.8	3 12
ENT RH T		CALC	635.3	615.1	540.1	628.5	545.5	640.4	643.6	705.5	687.3	677	7	608.2	3 16
COLD RH T		20-006	647.4	627.1	543.6	634.8	552.0	647.8	651.0	745.4	741.6	687	3	619.8	3 18
DATA PAGE NO. 4	**FLUID TEMPERATURES F - B&W**														
AIR ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 1
AIR LVG AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 2
CYC A TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 3
CYC A PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 4
CYC A TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 5
CYC B TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 6
CYC B PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 7
CYC B TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 8
CYC C TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 9
CYC C PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 10
CYC C TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 11
LVG SSH PLAT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 12
ENT PSH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 13
LVG PSH P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 14
LVG PSH P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 15
LVG ECON P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 16
LVG ECON P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 17
GAS ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0.0	4 18

TEST NO.		F12	F12	F14	F15	F16	F17	F18	F19	FFB	FMB	FLB		
TEST SEQ. NO.		12	13	14	15	16	17	18	19	20	21	22		
DATE		10/02/92	10/03/92	10/03/92	10/04/92	10/04/92	10/05/92	10/05/92	10/05/92	09/28/92	09/30/92	10/03/92		
TIME START		2248	0126	2127	0056	2025	0004	0243	2205	1814	1600	0434		
TIME END		0043	0310	2322	0254	2220	0200	0427	0000	1828	1610	0440		
LOAD MW		58	58	38	59	38	59	59	110	110	82	58		
DATA PAGE NO. 4	FLUID TEMPERATURES F - B&W													
GAS LVG AH P	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	19
DATA PAGE NO. 5	FLUID PRESSURES PSIG													
TURB THROT P	03-170	1450.0	1449.9	1450.0	1450.2	1450.0	1456.7	1450.3	1450.2	1449.8	1447.9	1449.4	5	1
SEC SH OUT P	CALC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	2
DRUM PRESS	04-013	1487.1	1488.0	1466.7	1492.1	1466.9	1496.6	1489.7	1604.0	1606.0	1528.3	1489.7	5	3
LVG RH PRESS	15-102	210.3	210.9	130.3	217.1	132.1	216.1	214.0	429.5	430.9	304.9	212.5	5	4
ENT RH PRESS	15-100	221.9	222.0	135.2	228.2	136.5	227.1	224.4	457.7	455.8	323.5	223.2	5	5
FW HTR E EXT P	20-035	213.6	213.5	127.0	219.8	128.4	219.3	216.5	439.4	439.2	310.5	214.4	5	6
FW HTR E EXT P	TRANS	214.8	215.1	127.8	221.3	129.5	220.6	218.1	440.2	441.0	311.9	216.1	5	7
SEC SH OUT P (T)	TRANS	1447.6	1448.0	1442.3	1449.4	1442.6	1455.8	1448.8	1483.4	1483.8	1459.2	1449.4	5	17
DRUM PRESS (T)	TRANS	1453.9	1455.0	1433.8	1459.8	1434.6	1463.8	1457.1	1572.0	1573.1	1494.8	1456.6	5	18
LVG RH-1 P (T)	TRANS	212.7	213.1	131.4	219.0	133.2	218.1	215.7	433.3	434.4	307.3	213.9	5	19
ENT RH-1 P (T)	TRANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	452.6	0.0	0.0	5	20
DATA PAGE NO. 6	AIR & GAS DATA - PLANT													
AMBIENT AIR DB TEMP	TC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6	1
AIR ENT FD FAN T	HW	114.9	106.0	107.1	103.8	104.6	103.6	102.4	100.8	82.0	98.1	102.0	6	4
AIR LVG FD FAN T A	09-028	141.6	141.5	145.1	139.9	143.5	138.4	135.9	128.2	114.0	132.4	139.7	7	2
AIR LVG FD FAN T B	09-029	140.5	139.5	148.2	138.5	148.6	138.4	136.5	128.6	111.8	133.6	139.0	7	3
AIR ENT AH T RA	20-017	157.3	166.2	176.9	179.9	181.0	178.3	173.0	128.4	154.3	158.4	169.2	6	2
AIR ENT AH T RB	20-018	161.2	165.9	182.5	168.2	186.1	169.2	163.8	132.8	137.0	152.2	162.8	6	3
AIR ENT AH T LA	20-025	182.6	189.7	200.2	202.0	202.7	199.4	196.1	139.2	179.0	162.2	193.9	13	25
AIR ENT AH T LB	20-029	168.0	179.5	184.8	200.9	189.7	197.6	192.3	132.2	156.0	146.6	185.7	13	26
AIR LVG AH T R	HW	540.2	532.0	495.0	528.9	0.0	0.0	0.0	635.7	0.0	577.0	533.5	6	6
AIR LVG AH T L	HW	548.5	532.6	501.2	528.7	480.2	535.3	549.3	591.6	569.4	540.3	533.2	6	7
BRN SEC AIR T	08-002	548.1	536.0	490.3	528.9	440.6	491.7	548.3	578.0	545.1	536.3	533.8	14	2
BRN SA/GR T	08-001	543.3	532.6	475.6	524.9	450.7	504.1	544.9	546.0	521.5	511.8	517.8	14	3
OFA TEMP	09-002	520.9	508.8	438.7	498.2	434.0	478.3	517.9	511.1	477.7	441.8	482.8	14	4
GAS LVG AH T RA	20-019	293.1	284.2	273.5	270.9	269.4	272.2	277.5	332.0	296.5	286.7	281.6	6	10
GAS LVG AH T RB	20-020	277.6	267.5	251.3	257.0	247.3	256.3	263.3	314.0	282.8	274.2	268.3	6	11
GAS LVG AH T LA	20-027	277.4	274.1	263.1	266.4	258.6	265.4	271.2	304.1	275.5	264.0	274.2	13	27
GAS LVG AH T LB	20-024	285.2	281.6	270.9	274.9	266.5	274.0	280.6	310.4	289.2	270.0	282.4	13	28
GAS LVG RH PS T	AVE	606.3	593.2	548.1	595.0	527.1	614.0	623.7	673.2	663.4	624.5	605.9	13	17
GAS LVG SH PS T	AVE	543.3	541.7	499.9	544.6	481.6	555.6	559.0	705.2	690.3	643.5	559.8	13	19
GR GAS TEMP A	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	8
GR GAS TEMP B	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	9
O2 LVG ECON R	11-172	3.5270	3.4310	4.9802	3.2591	3.9536	2.4963	4.2329	3.1776	3.2600	3.3306	3.5503	6	20
O2 LVG ECON L	11-170	3.0336	2.8028	5.2252	2.8761	4.0965	3.1390	3.7311	3.6174	3.2567	3.4920	3.7016	6	21
O2 IN SEC AIR	06-254	16.89	16.84	19.40	16.83	17.13	16.79	17.06	20.62	19.93	19.73	19.45	13	29
ACCUREX NOX PPM	06-553	294.4	309.9	488.0	288.0	337.8	278.7	301.3	561.6	555.1	493.7	426.5	13	9

TEST NO.	F12	F12	F14	F15	F16	F17	F18	F19	FFB	FMB	FLB
TEST SEQ. NO.	12	13	14	15	16	17	18	19	20	21	22
DATE	10/02/92	10/03/92	10/03/92	10/04/92	10/04/92	10/05/92	10/05/92	10/05/92	09/28/92	09/30/92	10/03/92
TIME START	2248	0126	2127	0056	2025	0004	0243	2205	1814	1600	0434
TIME END	0043	0310	2322	0254	2220	0200	0427	0000	1828	1610	0440
LOAD MW	58	58	38	59	38	59	59	110	110	82	58

DATA PAGE NO. 6 AIR & GAS DATA - PLANT

ACCUREX SOX	PPM	06-555	1194.3	1211.9	1036.4	1186.8	1119.2	1262.7	1211.6	1133.5	1238.2	1083.4	1094.7	13 10
ACCUREX CO	PPM	06-425	56.85	73.63	32.51	62.12	44.09	58.49	52.70	12.56	12.26	21.80	43.08	13 11
ACCUREX O2	%	06-554	3.0471	2.9548	5.1425	3.0968	4.3363	2.9627	3.7598	3.3579	3.0454	3.1463	3.5508	13 12
BRN SEC AIR P	IN WG	06-250	12.34	12.07	5.61	12.43	7.99	11.99	12.83	21.82	19.32	12.41	9.10	14 5
BRN GAS REC P	IN WG	06-252	11.96	11.72	5.41	12.10	7.56	11.60	12.39	21.66	19.28	12.28	9.00	14 6
FURNACE GAS P	IN WG	08-100	8.12	8.04	5.54	8.43	4.63	8.01	8.53	21.16	18.94	12.10	8.86	14 7
BAROMETRIC P	IN HG	PB	29.09	29.07	29.19	29.21	29.39	29.41	29.43	29.48	29.55	29.40	29.06	6 29
REL HUMIDITY	%	TST	13.98	17.32	13.66	11.02	10.69	10.67	11.33	11.95	14.71	12.99	18.84	6 30

DATA PAGE NO. 7 AIR & GAS DATA - B&W

AMBIENT AIR TEMP		TC	115.3	112.0	103.2	100.4	100.8	99.0	97.9	105.3	104.2	116.2	109.5	7 1
AIR LVG FD FAN T	A	TC	143.8	143.6	146.6	141.5	145.0	139.9	137.5	129.8	116.0	134.5	141.8	7 6
AIR LVG FD FAN T	B	TC	142.8	141.6	149.6	140.0	149.9	140.0	138.1	130.2	113.8	134.9	140.7	7 7
AIR ENT AH	(T)	GRID	168.7	175.9	186.1	188.0	190.2	186.4	182.3	133.7	157.3	163.5	179.8	7 4
GAS LVG AH	(T)	GRID	275.3	270.5	261.4	262.7	258.0	262.8	267.8	303.6	280.0	265.4	269.7	7 10
GAS LVG ECON	(T) L	GRID	622.1	608.0	565.0	610.6	540.5	625.9	639.9	701.9	685.9	642.7	621.1	7 14
GAS LVG ECON	(T) R	GRID	567.6	564.6	524.3	566.1	502.9	579.2	583.5	704.3	693.6	652.6	583.7	7 15
GAS TEMP LVG GR FAN		GRID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13 7
O2 LVG ECON	(T) L	GRID	3.0838	2.8675	5.4034	3.1160	4.4214	3.2272	3.8750	3.8343	3.3727	3.5216	3.8412	7 20
O2 LVG ECON	(T) R	GRID	3.4930	3.3484	5.0860	3.0430	4.1016	2.3959	4.0065	2.7927	3.0038	3.1945	3.5631	7 21
CO LVG ECON	(T) L	GRID	94.8	110.8	67.5	139.5	84.7	126.1	136.6	180.8	91.8	74.0	81.5	13 5
CO LVG ECON	(T) R	GRID	64.6	97.7	45.9	99.1	90.0	105.1	123.9	235.8	190.9	121.0	76.9	13 6
CO2 LVG ECON	(T) L	GRID	16.41	16.51	13.66	15.81	15.04	15.72	15.38	15.62	15.29	15.49	15.92	7 22
CO2 LVG ECON	(T) R	GRID	14.23	14.33	13.23	14.64	14.41	15.76	14.34	15.13	15.80	15.66	14.20	7 23
NOX LVG ECON	(T) L	GRID	309.7	337.7	522.2	298.4	357.5	289.7	316.7	584.0	586.0	522.9	459.5	7 24
NOX LVG ECON	(T) R	GRID	333.2	340.9	525.6	333.6	386.9	296.3	344.6	566.5	557.4	510.4	462.0	7 25
O2 LVG AH	(T)	GRID	4.9601	4.7696	7.2471	4.9076	6.4838	4.8221	5.6134	4.5968	4.3737	4.6586	5.3967	13 1
CO2 LVG AH	(T)	GRID	161.9	192.1	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	13 3
O2 LVG GR FAN	(T)	GRID	10.09	17.73	0.00	0.00	0.00	1.81	0.00	0.00	0.00	4.57	0.00	13 4
DRY BULB TEMP	(T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 26
WET BULB TEMP	(T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 27

DATA PAGE NO. 8 FW HTR TEMPERATURES F - PLANT

FW HTR E EXT T	HW	644.8	625.3	542.0	633.2	549.6	645.6	649.0	743.2	741.1	683.9	616.9	8 1
FW HTR E LVG T	HW	394.6	394.2	353.5	397.6	354.3	396.8	396.2	457.1	457.5	425.7	394.3	8 5
FW HTR E ENT T	HW	334.4	333.6	302.2	336.7	302.5	337.3	336.2	384.3	384.7	359.2	334.2	8 7
FW HTR E DRN T	HW	349.0	349.1	310.9	349.0	312.1	347.7	348.4	405.1	406.5	374.2	347.8	8 13

TEST NO.	F12	F12	F14	F15	F16	F17	F18	F19	FFB	FMB	FLB
TEST SEQ. NO.	12	13	14	15	16	17	18	19	20	21	22
DATE	10/02/92	10/03/92	10/03/92	10/04/92	10/04/92	10/05/92	10/05/92	10/05/92	09/28/92	09/30/92	10/03/92
TIME START	2248	0126	2127	0056	2025	0004	0243	2205	1814	1600	0434
TIME END	0043	0310	2322	0254	2220	0200	0427	0000	1828	1610	0440
LOAD MW	58	58	38	59	38	59	59	110	110	82	58

DATA PAGE NO. 9 FW HTR TEMPERATURES F - B&W

SSH PEND IN LEG 1	10-017	853.1	839.6	848.0	832.6	813.5	810.6	846.2	861.7	847.9	858.7	875.9	9	17
SSH PEND IN LEG 2	10-018	875.6	862.4	866.8	868.0	849.8	846.3	873.3	876.3	863.1	876.0	889.5	9	18
SSH PEND IN LEG 3	10-019	876.6	866.7	856.4	887.1	872.2	868.5	882.7	872.7	863.4	866.5	878.6	9	19
SSH PEND IN LEG 4	10-020	892.0	880.8	854.9	907.1	894.3	886.5	900.3	877.9	871.6	869.3	881.9	9	20
SSH PEND IN LEG 5	10-021	866.1	857.1	817.4	881.5	869.1	862.3	873.7	841.7	840.7	831.2	846.6	9	21
SSH PEND IN LEG 6	10-033	891.4	889.1	844.4	905.4	897.3	905.0	901.5	874.9	871.8	880.0	872.6	9	22
SSH PEND IN LEG 7	10-034	876.1	885.1	842.8	890.7	885.5	920.9	888.2	881.3	878.5	887.8	866.7	9	23
SSH PEND IN LEG 8	10-035	871.4	871.8	845.8	874.9	868.1	895.1	877.0	877.8	871.9	883.5	859.5	9	24
SSH PEND IN LEG 9	10-036	871.0	861.0	857.0	861.1	853.1	870.0	868.9	880.3	874.4	892.6	862.1	9	25
SSH PEND IN LEG 10	10-037	835.5	823.3	845.1	818.3	807.9	831.3	833.1	865.6	857.4	870.7	841.1	9	26
RH PEND IN LEG 1	09-049	923.3	893.6	859.1	904.9	834.5	921.5	947.7	940.7	925.0	929.1	888.8	8	17
RH PEND IN LEG 2	09-050	912.4	887.7	845.2	900.5	831.5	928.2	941.0	930.6	915.5	921.7	882.3	8	18
RH PEND IN LEG 3	09-051	917.1	888.9	853.1	900.8	832.0	921.3	942.7	935.0	919.0	925.5	884.4	8	19
RH PEND IN LEG 4	09-052	912.8	886.2	847.8	899.2	830.2	922.9	939.7	931.5	915.9	922.7	881.8	8	20
RH PEND IN LEG 5	09-053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	21
RH PEND IN LEG 6	10-001	947.9	916.5	874.8	930.1	852.2	937.9	972.3	960.6	945.3	949.0	907.9	8	22
RH PEND IN LEG 7	10-002	922.9	886.2	857.0	902.2	822.9	894.0	942.0	933.3	918.1	924.8	883.9	8	23
RH PEND IN LEG 8	10-003	925.0	879.7	873.6	893.4	820.7	881.9	942.6	937.8	920.8	931.5	891.6	8	24
RH PEND IN LEG 9	10-004	924.0	894.0	859.0	906.7	835.1	922.9	948.8	940.9	925.5	931.8	890.6	8	25
RH PEND IN LEG 10	10-005	875.1	835.1	854.9	840.5	791.7	852.9	883.1	920.2	898.3	899.3	858.2	8	26
RH INTM HND HOLE R	10-038	918.6	892.2	857.8	894.7	832.5	918.6	942.6	940.3	924.7	927.9	883.9	8	27
RH INTM HND HOLE L	10-039	819.0	791.2	794.5	792.2	745.5	810.0	828.1	877.2	854.1	850.3	805.9	8	28
PSH OUT LEG T	09-017	754.1	737.1	737.6	740.1	698.8	763.0	762.1	793.5	777.7	800.0	744.8	14	11
PSH OUT LEG T	09-018	755.4	737.6	739.8	749.8	701.9	766.4	763.9	806.3	786.2	807.6	744.0	14	12
PSH OUT LEG T	09-019	703.9	693.4	704.0	692.0	671.0	708.0	701.1	795.2	773.1	792.2	717.0	14	13
PSH OUT LEG T	09-020	718.9	705.9	718.4	705.2	682.6	722.6	716.5	799.7	780.5	804.9	725.6	14	14
PSH OUT LEG T	09-021	742.8	728.0	727.8	728.7	695.0	754.2	750.7	783.8	769.7	794.6	742.1	14	15
PSH OUT LEG T	09-022	756.3	739.3	738.0	743.8	700.2	764.5	766.4	784.0	770.4	792.5	749.6	14	16
PSH OUT LEG T	09-023	727.4	713.1	723.4	722.3	684.3	736.9	731.4	790.3	769.4	794.1	724.4	14	17
PSH OUT LEG T	09-024	766.9	748.7	745.2	765.5	710.4	781.7	780.3	810.1	791.4	810.9	756.9	14	18
PSH OUT LEG T	09-025	732.7	719.3	723.3	732.9	695.0	749.5	741.3	794.2	775.4	794.2	727.9	14	19
PSH OUT LEG T	09-026	758.0	740.6	738.7	752.9	710.6	773.5	770.9	793.9	778.2	794.5	747.6	14	20
PSH OUT LEG T	09-027	765.4	748.1	741.8	760.1	716.7	783.7	781.0	804.4	787.2	802.4	753.5	14	21

DATA PAGE NO. 10 FUEL FEED DATA - PLANT

CYC A COAL FLOW KLB	05-104	16.47	16.57	16.91	17.35	.04	.04	17.07	31.37	31.85	35.20	25.20	10	1
CYC B COAL FLOW KLB	07-110	-.01	-.01	-.01	-.01	19.55	35.15	-.01	31.36	31.84	-.01	-.01	10	2
CYC C COAL FLOW KLB	09-110	16.48	16.58	16.92	17.36	.01	.01	17.05	31.34	31.86	35.18	25.20	10	3
CYC A SEC AIR FLOW %	06-170	149.2	149.7	158.8	158.0	1.5	2.1	156.9	287.6	297.1	337.1	235.3	10	16
CYC B SEC AIR FLOW %	08-170	2.0	1.9	1.0	1.3	194.0	329.6	1.6	291.3	299.1	5.5	2.4	10	17
CYC C SEC AIR FLOW %	10-170	149.5	150.2	158.7	158.0	.6	2.1	156.5	290.5	300.6	337.5	236.7	10	18
CYC A SEC AIR T	20-002	497.5	489.2	463.4	478.0	414.4	440.8	490.9	569.3	558.9	540.4	496.0	11	1
CYC B SEC AIR T	20-003	537.2	524.8	491.6	513.4	472.5	517.0	536.5	604.9	574.5	531.6	525.7	11	2

TEST NO.		F12	F12	F14	F15	F16	F17	F18	F19	FFB	FMB	FLB	
TEST SEQ. NO.		12	13	14	15	16	17	18	19	20	21	22	
DATE		10/02/92	10/03/92	10/03/92	10/04/92	10/04/92	10/05/92	10/05/92	10/05/92	09/28/92	09/30/92	10/03/92	
TIME START		2248	0126	2127	0056	2025	0004	0243	2205	1814	1600	0434	
TIME END		0043	0310	2322	0254	2220	0200	0427	0000	1828	1610	0440	
LOAD MW		58	58	38	59	38	59	59	110	110	82	58	
DATA PAGE NO. 10 FUEL FEED DATA - PLANT													
CYC C SEC AIR T	20-004	514.2	500.4	472.1	488.9	430.4	462.2	508.1	559.8	524.7	507.9	503.1	11 3
PULV COAL FLOW KLB	06-314	17.51	17.67	.07	17.51	15.50	17.10	17.21	.08	.07	.08	.08	10 4
PULV PA FLOW	06-275	48.04	48.08	0.00	48.03	48.00	47.99	48.08	1.75	0.00	0.00	0.00	10 19
PULV INLET T	09-034	498.6	487.7	97.1	473.0	432.0	475.5	491.3	164.0	101.5	105.7	173.2	11 7
PULV OUTLET T	09-040	173.8	167.9	96.3	153.6	162.5	165.6	171.4	154.7	119.3	108.2	147.0	11 8
DATA PAGE NO. 11 POWER & ELECTRICAL SYSTEM DATA													
PULV DIFF P IN WG	06-274	6.5932	6.4165	-.0125	6.1625	5.9951	6.2333	6.2270	-.0201	-.1571	-.0831	-.0188	11 9
PULV AMPS	06-276	206.0	203.8	-.1	205.0	200.2	201.7	200.5	0.0	-.1	-.1	0.0	11 10
PULV PA FAN AMPS	06-277	50.78	50.10	-.06	47.34	44.46	49.25	49.84	-.06	-.12	-.08	-.06	11 11
ROT CLASS AMPS	06-278	40.93	41.01	.03	40.47	43.46	40.23	40.17	.03	42.77	30.29	.03	11 12
ROT CLASS RPM	06-270	163.9	163.9	-.2	155.7	181.3	160.6	160.6	-.3	158.0	98.9	-.2	11 13
ROT CLASS DP IN WG	06-345	.3211	.3270	.0068	.3132	.3854	.2930	.2904	.0035	.4278	.2687	.0037	11 14
COAL SILO LEVEL	06-310	38.32	25.48	95.35	82.91	72.46	55.76	43.20	40.09	93.93	93.19	13.02	11 15
FLAME INTENSITY #1 %	06-279	106.1	106.2	.8	106.2	106.1	106.2	106.2	3.6	4.4	8.8	4.7	11 16
FLAME INTENSITY #2 %	06-295	105.6	105.5	1.0	105.5	105.7	105.6	105.5	4.3	4.1	6.7	1.7	11 17
FLAME INTENSITY #3 %	06-296	0.0	105.0	.8	106.1	106.1	106.1	106.1	3.5	3.4	1.4	1.7	11 18
FLAME INTENSITY #4 %	06-297	105.7	105.7	.9	105.6	105.8	104.0	105.5	3.2	3.2	2.8	1.4	11 19
DATA PAGE NO. 12 OPERATOR POSITIONS													
RH SP VLV POS	15-077	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	21.21	28.20	-5.00	-5.00	12 1
SH SP VLV POS R	13-190	23.34	20.26	0.00	27.67	0.00	58.98	24.50	47.58	41.68	49.18	0.00	12 3
SH SP VLV POS L	13-191	38.67	0.00	0.00	0.00	0.00	18.58	33.15	45.02	40.78	46.24	0.00	12 4
GR DMPR DEMAND	16-044	65.3	67.3	104.0	74.1	40.9	61.2	57.2	-5.0	-.7	70.8	100.1	12 9
RECIRC AIR DMPR POS	12-176	9.88	11.36	10.19	16.15	11.18	15.92	16.00	.06	30.36	12.91	13.41	12 13
SH PASS DMPR POS	14-180	.1	0.0	0.0	.1	.2	2.4	0.0	100.0	100.0	72.4	0.0	12 15
RH PASS DMPR POS	14-180	100.0	100.0	100.0	100.0	100.0	100.0	100.0	43.9	98.9	100.0	100.0	12 16
OVRFIRE AIR DMPR POS	06-115	26.46	25.34	5.00	25.97	23.26	26.75	29.12	5.00	5.00	5.00	5.92	12 17
BRN SEC AIR DMPR POS	06-286	36.47	35.76	18.05	35.56	32.88	35.27	36.88	23.72	22.31	19.89	19.79	12 18
HOT PRI AIR DMPR POS	06-556	99.39	99.63	0.00	99.52	99.60	99.33	99.33	0.00	0.00	0.00	0.00	12 19
BRN GAS REC DMPR POS	06-324	33.38	34.04	0.00	38.80	23.53	32.05	31.34	0.00	0.00	0.00	0.00	12 20
DATA PAGE NO. 15 MISCELLANEOUS DATA													
GAS LVG SH PASS 1A	08-003	-307.7	-309.7	-275.6	-304.7	-263.2	-313.5	-314.4	-475.0	-507.5	-454.4	-332.3	15 1
GAS LVG SH PASS 1B	08-004	543.3	542.2	498.1	540.8	477.0	548.3	551.4	708.4	688.1	649.1	558.8	15 2
GAS LVG SH PASS 1C	08-005	551.9	550.6	505.4	554.9	482.5	562.6	567.8	739.0	709.8	651.5	567.4	15 3
GAS LVG SH PASS 1D	08-006	569.3	565.2	519.3	568.9	501.7	586.4	592.6	769.3	760.2	684.2	583.8	15 4
GAS LVG SH PASS 2A	08-017	518.6	519.8	479.2	517.9	460.9	522.7	527.4	664.0	648.0	614.5	533.7	15 5
GAS LVG SH PASS 2B	08-018	527.3	524.0	488.5	529.0	466.3	536.9	540.5	673.6	665.2	621.1	541.7	15 6

TEST NO.			F12	F12	F14	F15	F16	F17	F18	F19	FFB	FMB	FLB	
TEST SEQ. NO.			12	13	14	15	16	17	18	19	20	21	22	
DATE			10/02/92	10/03/92	10/03/92	10/04/92	10/04/92	10/05/92	10/05/92	10/05/92	09/28/92	09/30/92	10/03/92	
TIME START			2248	0126	2127	0056	2025	0004	0243	2205	1814	1600	0434	
TIME END			0043	0310	2322	0254	2220	0200	0427	0000	1828	1610	0440	
LOAD MW			58	58	38	59	38	59	59	110	110	82	58	

DATA PAGE NO. 15 MISCELLANEOUS DATA

GAS LVG SH PASS	2C	08-019	528.4	526.3	486.0	534.7	468.8	543.1	545.9	682.2	673.3	621.6	544.5	15 7
GAS LVG SH PASS	2D	08-020	559.6	557.9	509.3	565.0	496.2	589.4	588.8	728.8	712.2	658.0	577.9	15 8
GAS LVG SH PASS	3A	08-021	544.6	542.4	507.2	543.8	483.7	555.3	556.3	697.3	695.0	655.4	557.8	15 9
GAS LVG SH PASS	3B	08-022	550.1	550.3	505.5	546.2	493.6	556.5	560.8	702.5	685.6	647.4	574.2	15 10
GAS LVG SH PASS	3C	08-023	539.4	538.6	500.9	544.3	485.5	555.0	558.8	686.8	665.6	632.5	557.9	15 11
GAS LVG SH PASS	3D	08-024	-439.7	-441.8	-379.6	-442.7	-365.7	-460.0	-466.7	-639.8	-631.2	-549.1	-459.7	15 12
GAS LVG RH PASS	4A	08-033	587.0	572.8	546.1	578.1	518.0	593.5	609.9	661.9	654.1	619.1	591.4	15 13
GAS LVG RH PASS	4B	08-034	610.1	587.1	553.8	589.6	526.3	598.7	622.2	669.5	667.3	623.3	601.3	15 14
GAS LVG RH PASS	4C	08-035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 15
GAS LVG RH PASS	4D	08-036	640.6	633.0	558.4	622.0	542.3	655.1	663.0	719.5	703.1	649.5	642.2	15 16
GAS LVG RH PASS	5A	08-049	583.6	566.6	536.8	572.2	511.2	585.8	593.4	652.8	639.1	602.9	583.8	15 17
GAS LVG RH PASS	5B	08-050	600.2	580.2	542.4	584.7	519.9	596.6	610.0	663.2	655.9	610.6	593.8	15 18
GAS LVG RH PASS	5C	08-051	613.6	599.8	544.8	599.9	525.5	621.5	631.6	678.8	662.5	626.2	608.5	15 19
GAS LVG RH PASS	5D	08-052	600.4	595.9	537.7	592.3	519.9	614.3	619.2	669.3	655.9	613.9	607.1	15 20
GAS LVG RH PASS	6A	08-053	595.1	582.7	545.7	584.5	523.2	600.4	613.7	661.6	650.3	619.6	600.4	15 21
GAS LVG RH PASS	6B	08-054	618.7	603.2	556.8	606.9	539.6	629.6	638.7	680.1	670.1	638.0	612.1	15 22
GAS LVG RH PASS	6C	08-055	609.8	601.0	550.1	605.8	537.3	628.8	631.7	667.6	660.4	624.7	609.2	15 23
GAS LVG RH PASS	6D	08-056	610.0	602.9	555.9	609.5	535.1	629.5	627.7	680.7	678.3	642.1	614.9	15 24
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 27
RIGHT = A = W			118.0	119.0	120.0	121.0	122.0	123.0	124.0	125.0	126.0	127.0	128.0	15 28

APPENDIX NO. 11

Summary of W Series
Western Fuel Test Data

SUMMARY OF W SERIES WESTERN FUEL TESTS

	TEST MW	DATE MO DAY YEAR	LOAD MW	STEAM FLOW KLB/HR	SH OUT TEMP	RH OUT TEMP	SH SPRAY FLOW KLB/HR	RH SPRAY FLOW KLB/HR	CYCLON 1 COAL FLOW KLB/HR	% OF MAX CYCLON 1 INPUT	CYC IN SERV	REBURN INPUT %	REBURN INPUT KLB/HR	ROTARY CLASS. RPM	EXCESS AIR %	REBURN STOICH	CYCLONE STOICH	ACTUAL FLYASH SPLIT %	ADJUSTED FLYASH SPLIT %
1	W1	11 16 92	109	769.10	999	1001	56.10	19.50	112.10	98.33	3	0.00	0.00	0	18.90	1.1380	1.0470	14.70	14.70
2	W4	11 19 92	110	775.70	999	1000	68.30	14.90	117.10	102.72	3	0.00	0.00	0	20.30	1.1520	1.0680	42.61	42.61
3	W12	12 1 92	109	773.00	999	991	57.10	23.90	118.70	104.12	3	0.00	0.00	0	19.90	1.1420	1.0550	59.33	59.33
4	W15	12 2 92	108	765.90	1000	996	52.92	23.10	117.10	102.72	3	0.00	0.00	0	20.10	1.1550	1.0540	0.00	0.00
5	W22	12 4 92	109	775.00	1003	997	57.50	26.70	116.80	102.46	3	0.00	0.00	0	22.10	1.1620	1.0490	0.00	0.00
6	W26	12 7 92	110	778.20	999	999	71.56	0.00	112.80	98.95	3	0.00	0.00	0	19.90	1.1360	1.0720	0.00	0.00
7	W23	12 4 92	118	850.70	999	1003	54.30	31.00	90.87	79.71	3	28.62	36.43	160	16.70	0.8740	1.0640	80.72	80.72
8	W3	11 17 92	110	780.70	999	1003	45.80	14.90	82.37	72.25	3	29.96	35.25	160	16.10	0.8520	1.0460	31.55	31.55
9	W5	11 19 92	110	776.50	1000	1002	70.40	31.30	85.43	74.94	3	29.22	35.27	160	15.80	0.9490	1.0980	34.85	34.85
10	W13	12 1 92	110	775.90	1002	1001	58.20	27.80	84.32	73.96	3	29.50	35.28	160	18.30	0.8600	1.0800	45.06	45.06
11	W16	12 2 92	109	772.40	999	1000	67.40	31.20	82.42	72.30	3	31.14	37.28	160	16.50	0.8470	1.0710	51.05	51.05
12	W17	12 2 92	109	772.80	997	993	52.20	30.40	89.31	78.34	3	25.20	30.09	160	17.70	0.9050	1.0680	51.58	51.58
13	W27	12 7 92	110	780.00	996	995	43.60	4.70	77.48	67.96	3	31.86	36.22	160	18.20	0.9210	1.0750	0.00	0.00
14	W28	12 7 92	110	773.10	1002	1004	54.90	5.80	79.33	69.59	3	30.28	34.34	160	20.70	0.8930	1.1150	0.00	0.00
15	W18	12 3 92	110	780.00	998	993	56.30	24.70	117.20	102.81	3	0.00	0.00	0	19.60	1.1400	1.0740	0.00	0.00
16	W19	12 3 92	111	784.60	999	1000	54.60	25.70	118.80	104.20	3	0.00	0.00	0	20.20	1.1460	1.0420	0.00	0.00
17	W20	12 3 92	110	786.50	999	996	39.30	30.30	83.56	73.30	3	29.78	35.44	155	18.50	0.9190	1.1100	0.00	0.00
18	W21	12 3 92	110	782.90	999	996	31.20	27.60	83.26	73.04	3	29.86	35.44	155	18.80	0.9220	1.0580	0.00	0.00
19	W2	11 16 92	78	517.10	1000	1001	12.40	0.00	78.80	69.12	3	0.00	0.00	0	20.40	1.1330	1.0820	30.31	30.31
20	W11	11 30 92	83	555.00	999	996	20.40	0.00	86.10	75.53	3	0.00	0.00	0	19.20	1.1440	1.1010	71.03	71.03
21	W6	11 19 92	83	549.50	999	1002	35.70	0.00	59.52	78.32	2	32.13	28.18	163	16.50	0.8770	1.0840	34.77	34.77
22	W8	11 20 92	81	536.60	999	1000	30.70	0.00	57.86	76.13	2	32.80	28.24	170	14.80	0.8380	1.0920	36.40	36.40
23	W10	11 30 92	83	549.90	1000	1000	23.60	0.00	63.21	83.17	2	25.98	22.19	160	20.80	0.9870	113.1000	48.44	48.44
24	W25	12 5 92	61	404.90	1000	986	4.80	0.00	64.10	84.34	2	0.00	0.00	0	19.70	1.1310	1.0480	37.11	37.11
25	W14	12 1 92	56	368.10	999	998	1.40	0.00	60.30	79.34	2	0.00	0.00	0	19.90	1.1100	1.0360	74.29	74.29
26	W7	11 20 92	61	394.40	999	999	24.80	0.00	43.80	57.63	2	32.62	21.20	175	14.30	0.9530	1.0820	40.13	40.13
27	W29	12 7 92	60	394.30	1001	999	12.30	0.00	37.56	49.42	2	40.19	25.24	174	15.60	0.9160	1.0440	69.86	69.86
28	W30	12 7 92	60	395.90	999	1000	6.40	0.00	41.05	54.01	2	34.00	21.15	174	20.50	0.9300	1.0460	42.04	42.04
29	W24	12 4 92	59	389.50	1004	976	11.20	0.00	36.96	48.63	2	40.48	25.14	174	14.90	0.9130	1.0140	52.03	52.03
30	W9	11 20 92	42	278.40	1001	981	11.50	0.00	28.43	74.82	1	39.38	18.47	170	20.40	0.8380	1.0920	17.88	17.88

SUMMARY OF W SERIES WESTERN FUEL TESTS

	TEST MW	ACTUAL UBC LB/ 100LB	ADJUSTED UBC LB/ 100LB	UBC EFF LOSS %	GAS WT. WITHOUT RECIRC. MLB/HR	TOTAL GR MLB/HR	GR TO REBURN KLB/HR	AS TESTED EFF %	CORR. EFF %	ACT. FEGT	TOTAL SEC KF	SEC IN KF	SEC OUT KF	PTI KF	RH KF	ECON KF	DRY GAS LOSS %	EXIT GAS TEMP CORR
1	W1	0.05	0.05	0.06	1043.0	0.0	0.0	86.70	88.24	2177	0.89	0.87	0.92	0.92	1.13	0.74	4.42	320.60
2	W4	0.33	0.33	0.52	1038.0	0.0	0.0	86.29	87.91	2166	1.01	0.98	1.04	0.97	1.35	0.74	4.18	312.50
3	W12	0.15	0.15	0.24	1057.0	0.0	0.0	86.13	87.93	2179	0.92	0.89	0.95	0.91	0.99	0.72	4.46	323.40
4	W15	0.00	0.14	0.22	1046.0	0.0	0.0	86.59	88.21	2153	0.93	0.95	0.90	0.97	1.09	0.79	4.10	310.00
5	W22	0.00	0.14	0.22	1060.0	0.0	0.0	86.75	88.40	2148	1.02	0.99	1.05	1.01	1.24	0.90	4.21	308.40
6	W26	0.00	0.18	0.28	1024.0	0.0	0.0	86.65	88.02	2177	1.05	1.03	1.08	0.94	1.09	0.77	4.26	314.60
7	W23	0.42	0.42	0.63	1105.0	97.4	23.1	86.64	87.59	2116	0.95	0.88	1.02	0.97	1.21	0.80	3.93	306.90
8	W3	0.06	0.06	0.09	1063.0	112.0	30.3	86.76	87.96	2074	0.93	0.88	0.98	0.91	1.15	0.65	4.26	324.70
9	W5	0.06	0.06	0.10	1063.0	0.0	0.0	85.86	88.14	2212	0.90	0.85	0.96	0.96	1.21	0.70	4.31	323.80
10	W13	0.05	0.05	0.08	1055.0	94.5	28.7	86.45	87.82	2125	0.88	0.81	0.95	0.88	1.02	0.67	4.32	321.60
11	W16	0.26	0.26	0.41	1038.0	93.8	42.3	86.35	87.65	2153	0.85	0.83	0.88	0.90	1.15	0.73	4.14	319.70
12	W17	0.28	0.28	0.44	1043.0	91.8	45.0	86.37	87.64	2089	0.94	0.88	1.00	0.97	1.12	0.71	4.13	318.90
13	W27	0.00	0.14	0.22	1021.0	0.0	0.0	86.69	88.12	2119	1.00	0.95	1.05	0.92	1.20	0.75	4.28	320.50
14	W28	0.00	0.14	0.22	1037.0	82.6	12.3	86.71	87.79	2085	0.95	0.91	0.98	0.87	1.12	0.69	4.28	317.90
15	W18	0.00	0.18	0.28	1072.0	73.4	1.0	86.76	88.15	2075	1.08	1.09	1.07	0.97	1.17	0.79	4.02	301.10
16	W19	0.00	0.18	0.28	1092.0	0.0	0.0	86.32	88.08	2144	0.98	0.98	0.99	0.95	1.16	0.77	4.42	320.90
17	W20	0.00	0.14	0.22	1080.0	70.1	2.1	86.75	88.15	2057	0.97	0.95	1.00	1.01	1.17	0.77	4.09	309.20
18	W21	0.00	0.14	0.22	1080.0	0.0	0.0	86.40	88.04	2105	0.88	0.84	0.92	0.99	1.11	0.75	4.40	322.70
19	W2	0.05	0.05	0.08	728.0	61.6	2.7	87.16	88.90	1886	0.96	0.93	0.99	1.15	1.24	0.81	3.55	294.80
20	W11	0.13	0.13	0.21	756.0	66.5	2.1	86.94	88.49	1925	0.89	0.85	0.92	1.02	1.14	0.73	3.64	300.30
21	W6	0.24	0.24	0.39	765.0	74.6	11.2	86.03	88.35	1961	1.03	0.94	1.11	0.96	1.35	0.68	3.74	299.50
22	W8	0.19	0.19	0.31	732.0	101.3	54.3	86.50	88.51	1925	0.98	0.92	1.04	1.04	1.30	0.78	3.32	297.40
23	W10	0.29	0.29	0.46	734.0	76.7	9.7	87.28	88.26	1916	0.91	0.84	0.97	0.99	1.20	0.74	3.56	297.90
24	W25	0.14	0.14	0.22	571.0	268.5	1.8	86.97	88.63	1600	1.17	1.15	1.19	1.19	1.20	0.77	3.48	288.50
25	W14	0.13	0.13	0.21	536.0	248.6	2.0	86.51	88.68	1567	0.99	0.94	1.02	1.33	1.28	0.82	3.52	299.20
26	W7	0.30	0.30	0.48	563.0	204.8	11.2	86.12	88.48	1719	1.03	0.94	1.11	1.16	1.37	0.83	3.16	294.80
27	W29	0.37	0.37	0.58	551.0	231.2	13.0	86.52	88.22	1677	1.00	1.00	1.01	1.07	1.27	0.75	3.57	308.20
28	W30	0.06	0.06	0.11	568.0	207.4	13.2	87.03	88.62	1663	0.96	0.88	1.02	1.07	1.21	0.72	3.45	298.50
29	W24	0.56	0.56	0.88	531.0	276.6	12.4	86.25	87.92	1612	1.03	1.00	1.05	1.08	1.32	0.80	3.47	303.10
30	W9	0.04	0.04	0.06	430.0	223.4	12.0	86.42	88.72	1558	1.04	1.10	0.98	1.25	1.39	0.77	3.26	299.60

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TEST NO.	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10
TEST SEQ. NO.	1	2	3	4	5	6	7	8	9	10
DATE	11/16/92	11/16/92	11/17/92	11/19/92	11/19/92	11/19/92	11/20/92	11/20/92	11/20/92	11/30/92
TIME START	0900	1403	1136	0823	1223	1541	1354	1753	2022	1403
TIME END	1127	1559	1329	1017	1407	1725	1558	1904	2107	1515
LOAD MW	109	78	110	110	110	83	61	81	42	83
FUEL	ON	ON	ON	ON	ON	ON	ON	ON	OFF	LAMR
ALPHA1										
ALPHA2										

W1 AVG SCANS 8 -->21 : 110 MW : NO REBURN : SLM
W2 AVG SCANS 37-->47 : 78 MW : NO REBURN : SLM
W3 AVG SCANS 10-->18 : 110 MW : W/ REBURN : SLM : .86 STOICH
W4 AVG SCANS 31-->41 : 110 MW : NO REBURN : SLM
W5 AVG SCANS 54-->63 : 110 MW : W/ REBURN : SLM : NO GR
W6 AVG SCANS 73-->82 : 82 MW : W/ REBURN : SLM
W7 AVG SCANS 9 -->20 : 60 MW : W/ REBURN : 2 CYCLONES : SLM
W8 AVG SCANS 32-->37 : 82 MW : W/ REBURN : 2 CYCLONES : SLM
W9 AVG SCANS 38-->40 : 40 MW : W/ REBURN : 1 CYCLONE : SLM
W10 AVG SCANS 6 -->12 : 82 MW : W/ REBURN : 2 CYCLONE : SLM

DATA PAGE NO. 2 FLOWS MLB/HR

LOAD MW	20-005	108.7	78.2	110.1	110.0	110.0	82.8	60.6	81.4	41.9	82.7	2	1
MAIN STEAM FLOW	03-033	756.0	519.0	760.0	764.0	756.0	561.1	387.0	546.6	275.6	562.3	2	2
1ST STG STM FLW	CALC	749.9	505.9	754.7	759.2	750.1	540.9	386.0	529.1	261.0	542.2	2	23
FW FLOW	12-170	771.1	519.1	782.7	777.7	778.5	551.5	396.4	538.6	280.4	551.9	2	3
BLOW DOWN FLOW	EST	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2	4
RH SPRAY FLOW	14-192	19.46	0.00	29.31	14.87	31.33	0.00	0.00	0.00	0.00	0.00	2	5
SH SPRAY FLOW L	17-052	22.77	3.47	19.62	28.27	32.92	17.81	10.86	13.49	5.06	10.64	2	7
SH SPRAY FLOW R	17-056	23.86	4.24	19.88	29.69	26.72	13.31	9.01	12.28	10.83	9.11	2	8
GR FAN AMPS A	16-181	0.00	24.40	0.00	0.00	0.00	25.37	37.75	28.19	39.55	-.02	2	12
GR FAN AMPS B	16-183	.06	.06	28.07	.06	.06	.06	.06	.06	.06	25.53	2	13
GR FAN BUS VOLT	EST	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	2	14
TOTAL GR FLOW	CALC	0.0	61.6	112.0	0.0	0.0	74.6	204.8	101.3	223.4	76.7	2	24
GR TO SEC AIR	06-932	.55	3.08	32.94	.70	.85	11.72	11.52	51.36	12.45	9.71	2	25
GR TO SEC AIR	CALC	35.00	2.72	30.26	35.00	35.00	11.21	11.19	54.26	11.99	9.67	2	26
GR TO FURN	CALC	0.0	58.8	81.8	0.0	0.0	63.4	193.6	47.0	211.5	67.1	2	27
OFA AIR FLOW	06-931	32.6	34.7	250.4	28.5	166.1	163.4	92.9	189.4	92.1	141.8	2	28
TMP AIR FLOW	CALC	99.09	56.11	76.74	88.97	32.71	32.99	28.05	34.73	44.58	49.14	14	10
SEC AIR FLOW	06-320	31.31	29.80	19.36	31.23	37.50	32.19	36.91	19.42	43.15	30.48	2	29
1st STG PRESS	18-128	1042.7	694.2	1049.6	1056.0	1043.1	744.2	522.9	727.2	344.2	746.0	2	19
OIL FLOW 2A	05-100	.0017	0.0000	.0017	.0017	.0017	0.0000	-.0017	-.0017	.0017	.0017	2	20
OIL FLOW 2B	07-100	.0020	.0017	.0017	.0019	.0017	.0017	.0017	.0017	.0017	.0017	2	21
OIL FLOW 2C	09-100	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0025	.0016	2	22
% PWDR RVR BASN COAL	USER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	30
CYCLONE STOIC	CALC	1.0469	1.0819	1.0460	1.0681	1.0979	1.0843	1.0825	1.0917	1.0667	1.1309	4	20

TEST NO.	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10
TEST SEQ. NO.	1	2	3	4	5	6	7	8	9	10
DATE	11/16/92	11/16/92	11/17/92	11/19/92	11/19/92	11/19/92	11/20/92	11/20/92	11/20/92	11/30/92
TIME START	0900	1403	1136	0823	1223	1541	1354	1753	2022	1403
TIME END	1127	1559	1329	1017	1407	1725	1558	1904	2107	1515
LOAD MW	109	78	110	110	110	83	61	81	42	83

DATA PAGE NO. 2 FLOWS MLB/HR

REBRN WB STOIC	CALC	100.0	100.0	.3	100.0	.5	.4	.6	.4	.7	.5	4	21
REBRN STOIC	CALC	1.1379	1.1326	.8521	1.1518	.9490	.8774	.9529	.8383	.9422	.9872	4	22
LVG FURN STOIC	CALC	1.1776	1.1938	1.1493	1.1866	1.1469	1.1520	1.1618	1.1638	1.2257	1.2259	4	23
LVG ECON STOIC	CALC	1.1874	1.2065	1.1588	1.1964	1.1567	1.1641	1.1780	1.1760	1.2480	1.2381	4	24

DATA PAGE NO. 3 FLUID TEMPERATURES F - PLANT

SSH OUT T	L	15-152	999.1	999.7	999.3	999.1	999.4	999.3	998.9	999.4	984.2	999.8	3	1
SSH OUT T	R	15-150	999.2	1000.6	999.3	999.0	1000.1	999.3	999.4	999.2	1018.3	1000.4	3	2
SSH OUT AVE T		13-160	1000.9	1000.8	1000.4	1000.9	1002.0	999.6	1000.0	1001.1	1002.7	1002.5	14	1
LVG SH ATTMP T	L	13-164	734.6	741.4	742.8	719.8	705.8	696.2	710.8	709.4	774.7	733.7	3	8
LVG SH ATTMP T	R	13-162	737.3	736.1	753.8	721.5	734.4	722.8	727.7	733.4	678.2	756.2	3	9
PRI SH OUT T	L	HW	827.0	762.8	817.0	828.9	832.9	785.6	796.6	781.0	774.7	789.6	3	10
PRI SH OUT T	R	HW	832.9	774.7	830.8	835.8	838.3	794.7	810.9	807.3	791.2	813.5	3	11
ECON H2O OUT T	L	HW	510.0	489.6	513.4	505.6	508.6	485.1	486.2	489.7	469.7	488.3	3	27
ECON H2O OUT T	R	HW	524.1	472.3	520.4	523.2	521.0	486.5	473.8	487.7	447.4	492.1	3	28
ECON H2O IN T		20-007	458.7	422.0	460.6	460.3	461.2	428.7	399.4	426.5	361.7	428.4	3	5
RH SPRAY H2O T		HW	314.6	288.9	313.8	312.0	312.3	290.1	273.6	291.9	263.8	294.4	3	7
LVG RH T		14-150	1000.5	1000.6	1003.1	1000.1	1002.2	1001.7	999.5	1000.3	981.3	1000.2	3	12
ENT RH T		CALC	608.3	665.8	569.4	648.0	561.8	672.7	643.7	673.8	586.5	679.2	3	16
COLD RH T		20-006	743.5	671.8	746.7	745.1	747.1	683.3	650.3	681.4	595.2	686.6	3	18

DATA PAGE NO. 4 FLUID TEMPERATURES F - B&W

AIR ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	1
AIR LVG AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	2
CYC A TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	3
CYC A PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	4
CYC A TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	5
CYC B TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	6
CYC B PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	7
CYC B TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	8
CYC C TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	9
CYC C PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	10
CYC C TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	11
LVG SSH PLAT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	12
ENT PSH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	13
LVG PSH P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	14
LVG PSH P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	15
LVG ECON P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	16
LVG ECON P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	17
GAS ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	18
GAS LVG AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4	19

TEST NO.		W1	W2	W3	W4	W5	W6	W7	W8	W9	W10		
TEST SEQ. NO.		1	2	3	4	5	6	7	8	9	10		
DATE		11/16/92	11/16/92	11/17/92	11/19/92	11/19/92	11/19/92	11/20/92	11/20/92	11/20/92	11/30/92		
TIME START		0900	1403	1136	0823	1223	1541	1354	1753	2022	1403		
TIME END		1127	1559	1329	1017	1407	1725	1558	1904	2107	1515		
LOAD MW		109	78	110	110	110	83	61	81	42	83		
DATA PAGE NO. 5	**FLUID PRESSURES PSIG**												
TURB THROT P	03-170	1450.3	1450.0	1450.0	1449.8	1449.9	1449.9	1450.2	1450.3	1449.9	1449.9	5	1
SEC SH OUT P	CALC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	2
DRUM PRESS	04-013	1596.8	1521.4	1599.2	1601.1	1595.7	1529.3	1491.8	1526.2	1470.5	1529.9	5	3
LVG RH PRESS	15-102	424.2	284.3	430.3	427.9	429.5	303.6	216.4	297.4	139.5	303.3	5	4
ENT RH PRESS	15-100	451.2	301.9	458.9	454.0	456.7	321.2	229.1	315.8	145.6	321.4	5	5
FW HTR E EXT P	20-035	433.5	289.9	440.5	437.0	439.3	309.7	220.4	303.6	137.3	309.4	5	6
FW HTR E EXT P	TRANS	434.1	290.5	440.9	438.2	440.0	311.0	220.7	304.4	137.9	310.7	5	7
SEC SH OUT P (T)	TRANS	1481.4	1458.1	1482.5	1483.1	1481.9	1461.2	1450.5	1460.1	1442.7	1458.5	5	17
DRUM PRESS (T)	TRANS	1564.3	1487.4	1563.9	1567.2	1561.3	1495.6	1455.6	1490.4	1433.3	1494.1	5	18
LVG RH-1 P (T)	TRANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	19
ENT RH-1 P (T)	TRANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5	20
DATA PAGE NO. 6	**AIR & GAS DATA - PLANT**												
AMBIENT AIR DB TEMP	TC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6	1
AIR ENT FD FAN T	HW	90.8	100.3	109.9	95.8	98.0	99.1	112.7	108.7	112.5	95.0	6	4
AIR LVG FD FAN T A	09-028	116.4	132.9	128.0	114.6	117.6	120.6	145.3	138.7	151.3	130.4	7	2
AIR LVG FD FAN T B	09-029	121.8	135.3	129.9	124.7	128.1	131.9	147.4	141.8	154.4	130.9	7	3
AIR ENT AH T RA	20-017	123.1	136.4	132.0	127.0	130.3	135.4	148.1	141.9	158.2	139.6	6	2
AIR ENT AH T RB	20-018	123.9	137.3	132.4	129.4	133.1	137.7	149.6	144.1	157.2	147.9	6	3
AIR ENT AH T LA	20-025	120.3	135.5	130.8	129.2	129.6	134.7	147.3	141.3	153.5	177.5	13	25
AIR ENT AH T LB	20-029	119.9	136.1	131.3	119.3	122.0	126.1	148.3	142.2	154.2	151.3	13	26
AIR LVG AH T R	HW	660.4	558.1	684.8	645.2	0.0	0.0	552.4	599.5	540.2	597.8	6	6
AIR LVG AH T L	HW	593.2	561.3	618.9	571.2	593.5	566.0	552.0	566.7	545.8	567.0	6	7
BRN SEC AIR T	08-002	590.5	528.3	624.4	577.1	605.5	580.4	554.6	570.3	511.5	574.1	14	2
BRN SA/GR T	08-001	554.6	505.3	627.5	545.7	578.6	552.1	539.8	569.2	512.7	538.6	14	3
OFA TEMP	09-002	339.9	362.7	599.8	514.0	596.6	564.9	509.5	543.4	485.5	555.8	14	4
GAS LVG AH T RA	20-019	346.1	311.9	354.6	338.0	351.8	329.3	309.7	318.1	312.4	311.0	6	10
GAS LVG AH T RB	20-020	323.0	295.1	329.8	313.6	329.5	310.1	289.5	300.1	280.2	294.8	6	11
GAS LVG AH T LA	20-027	301.0	284.2	305.5	289.4	301.0	278.9	282.2	283.6	279.9	285.1	13	27
GAS LVG AH T LB	20-024	303.8	287.4	309.7	293.9	306.4	286.2	286.1	286.5	286.2	295.4	13	28
GAS LVG RH PS T	AVE	663.6	625.1	698.4	644.7	668.9	630.3	598.1	627.4	591.0	637.7	13	17
GAS LVG SH PS T	AVE	721.1	593.5	743.4	712.8	729.2	653.9	587.8	637.6	537.4	655.9	13	19
GR GAS TEMP A	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	8
GR GAS TEMP B	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14	9
O2 LVG ECON R	11-172	3.4556	3.2262	3.1188	3.3533	3.0288	3.1240	2.1118	2.4454	3.1238	3.4176	6	20
O2 LVG ECON L	11-170	3.4816	3.7418	2.9939	3.8851	3.2984	2.8931	3.2090	2.7324	3.8575	3.5119	6	21
O2 IN SEC AIR	06-254	20.70	19.31	9.69	20.62	20.60	16.19	16.63	7.62	17.10	16.76	13	29
ACCUREX NOX PPM	06-553	443.1	414.4	215.1	539.0	286.8	211.3	207.9	183.4	173.0	275.5	13	9
ACCUREX SOX PPM	06-555	209.7	292.0	309.5	288.8	214.4	198.2	217.5	241.6	207.2	198.0	13	10
ACCUREX CO PPM	06-425	30.4	38.2	99.7	48.9	46.4	65.7	69.8	161.3	64.7	60.5	13	11
ACCUREX O2 %	06-554	3.3341	3.4079	2.8172	3.6108	3.0249	2.9658	2.8721	2.9170	3.9362	3.3725	13	12
BRN SEC AIR P IN WG	06-250	23.87	12.91	27.54	23.86	23.20	14.57	10.47	16.46	9.33	14.36	14	5
BRN GAS REC P IN WG	06-252	23.63	12.76	27.61	23.63	22.91	14.41	10.16	16.56	8.92	14.36	14	6

TEST NO.		W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	
TEST SEQ. NO.		1	2	3	4	5	6	7	8	9	10	
DATE		11/16/92	11/16/92	11/17/92	11/19/92	11/19/92	11/19/92	11/20/92	11/20/92	11/20/92	11/30/92	
TIME START		0900	1403	1136	0823	1223	1541	1354	1753	2022	1403	
TIME END		1127	1559	1329	1017	1407	1725	1558	1904	2107	1515	
LOAD MW		109	78	110	110	110	83	61	81	42	83	
DATA PAGE NO. 6	**AIR & GAS DATA - PLANT**											
FURNACE GAS P IN WG	08-100	23.19	12.75	21.40	23.37	21.87	12.71	8.10	12.59	6.04	13.24	14 7
BAROMETRIC P IN HG	PB	29.20	29.10	29.37	29.49	29.41	29.35	28.98	28.95	28.90	29.14	6 29
REL HUMIDITY %	TST	10.11	9.50	9.28	9.40	9.97	9.68	10.41	11.03	10.27	8.54	6 30
DATA PAGE NO. 7	**AIR & GAS DATA - B&W**											
AMBIENT AIR TEMP	TC	94.5	109.2	111.0	102.1	104.2	99.2	111.3	109.6	113.4	112.7	7 1
AIR LVG FD FAN T A	TC	118.1	134.8	129.6	116.6	119.7	122.2	146.9	140.4	153.1	132.4	7 6
AIR LVG FD FAN T B	TC	123.1	136.8	131.5	126.3	129.5	133.4	148.9	143.4	156.0	132.8	7 7
AIR ENT AH (T)	GRID	122.3	136.9	132.2	126.3	129.4	134.6	149.1	143.2	156.8	154.9	7 4
GAS LVG AH (T)	GRID	306.6	284.2	315.8	298.6	311.0	290.3	282.4	287.0	283.6	288.0	7 10
GAS LVG ECON (T) L	GRID	693.1	639.9	723.4	677.8	700.1	652.9	615.5	649.0	609.7	658.6	7 14
GAS LVG ECON (T) R	GRID	724.5	605.1	755.0	719.8	732.5	663.2	601.1	644.4	562.8	662.8	7 15
GAS TEMP LVG GR FAN	GRID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13 7
O2 LVG ECON (T) L	GRID	3.5407	3.9921	3.0224	3.9720	3.1099	2.9795	3.3427	3.1985	4.2081	3.9483	7 20
O2 LVG ECON (T) R	GRID	3.2158	3.2112	2.8616	3.1926	2.7163	3.0534	2.0000	2.3000	3.0000	3.3000	7 21
CO LVG ECON (T) L	GRID	18.5	46.1	139.9	28.0	30.8	52.3	27.4	26.0	20.9	0.0	13 5
CO LVG ECON (T) R	GRID	99.8	41.6	148.6	97.1	104.2	60.7	61.0	232.4	78.2	30.4	13 6
CO2 LVG ECON (T) L	GRID	15.94	15.40	16.92	15.97	16.62	16.61	16.00	16.04	15.89	15.20	7 22
CO2 LVG ECON (T) R	GRID	15.90	16.00	15.86	15.92	16.36	15.94	16.01	15.89	14.75	15.06	7 23
NOX LVG ECON (T) L	GRID	505.8	467.3	251.9	604.3	327.4	241.0	261.3	223.5	196.8	318.8	7 24
NOX LVG ECON (T) R	GRID	467.8	459.3	217.4	564.5	289.6	226.6	207.9	196.6	200.1	290.9	7 25
O2 LVG AH (T)	GRID	4.8184	4.9483	3.9187	5.0702	4.2942	4.1587	4.4935	4.1928	5.8233	4.8410	13 1
CO2 LVG AH (T)	GRID	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	13 3
O2 LVG GR FAN (T)	GRID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13 4
DRY BULB TEMP (T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 26
WET BULB TEMP (T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 27
DATA PAGE NO. 8	**FW HTR TEMPERATURES F - PLANT**											
FW HTR E EXT T	HW	740.6	669.1	741.6	738.0	740.0	676.6	646.9	678.2	590.4	684.2	8 1
FW HTR E LVG T	HW	455.7	419.4	455.2	452.8	453.4	421.8	396.2	422.9	357.6	426.1	8 5
FW HTR E ENT T	HW	383.4	354.7	382.6	380.1	381.2	356.2	336.8	357.7	305.3	360.2	8 7
FW HTR E DRN T	HW	403.0	371.2	402.3	401.0	401.2	371.3	347.4	371.9	320.1	374.5	8 13
DATA PAGE NO. 9	**FW HTR TEMPERATURES F - B&W**											
SSH PEND IN LEG 1	10-017	855.2	861.9	851.3	845.7	843.5	840.2	836.1	833.7	823.8	846.9	9 17
SSH PEND IN LEG 2	10-018	868.6	878.0	870.6	860.6	862.3	862.5	856.7	859.6	852.4	868.6	9 18
SSH PEND IN LEG 3	10-019	865.9	874.2	871.5	859.7	858.0	857.0	856.2	865.4	868.6	870.7	9 19
SSH PEND IN LEG 4	10-020	872.0	880.3	879.8	865.5	862.8	860.3	865.1	875.9	884.7	885.4	9 20
SSH PEND IN LEG 5	10-021	838.9	844.0	844.8	832.7	833.9	825.8	837.4	848.0	854.4	855.4	9 21

TEST NO.	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10
TEST SEQ. NO.	1	2	3	4	5	6	7	8	9	10
DATE	11/16/92	11/16/92	11/17/92	11/19/92	11/19/92	11/19/92	11/20/92	11/20/92	11/20/92	11/30/92
TIME START	0900	1403	1136	0823	1223	1541	1354	1753	2022	1403
TIME END	1127	1559	1329	1017	1407	1725	1558	1904	2107	1515
LOAD MW	109	78	110	110	110	83	61	81	42	83

DATA PAGE NO. 9 FW HTR TEMPERATURES F - B&W

SSH PEND IN LEG 6	10-033	872.0	878.7	874.3	869.2	868.1	853.5	875.5	878.4	908.3	890.2	9	22
SSH PEND IN LEG 7	10-034	872.7	881.7	869.1	869.2	860.9	848.6	870.5	867.2	934.5	880.4	9	23
SSH PEND IN LEG 8	10-035	868.0	876.9	866.2	863.2	857.1	852.4	867.4	864.3	914.3	874.3	9	24
SSH PEND IN LEG 9	10-036	872.5	879.9	873.4	864.3	855.1	859.1	865.8	864.3	896.6	871.4	9	25
SSH PEND IN LEG 10	10-037	861.3	865.9	863.2	853.7	829.3	839.3	833.9	837.8	878.0	844.1	9	26
RH PEND IN LEG 1	09-049	938.0	941.5	942.4	933.5	940.4	934.7	939.5	936.6	928.8	941.8	8	17
RH PEND IN LEG 2	09-050	925.7	930.1	931.2	921.1	933.6	919.1	929.2	925.3	923.4	931.9	8	18
RH PEND IN LEG 3	09-051	930.4	934.9	935.4	926.0	934.1	926.7	933.7	929.8	924.2	935.6	8	19
RH PEND IN LEG 4	09-052	926.1	930.8	931.1	921.6	931.0	921.2	929.7	926.1	921.5	931.9	8	20
RH PEND IN LEG 5	09-053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	21
RH PEND IN LEG 6	10-001	961.9	960.8	966.2	956.8	967.4	955.4	961.7	956.5	948.8	964.9	8	22
RH PEND IN LEG 7	10-002	928.7	932.9	928.0	926.7	921.4	933.8	937.9	933.2	910.2	935.6	8	23
RH PEND IN LEG 8	10-003	929.3	939.9	933.6	928.6	917.4	946.1	936.6	940.1	903.2	935.0	8	24
RH PEND IN LEG 9	10-004	937.8	941.8	942.7	933.4	940.5	934.7	940.1	936.9	929.0	942.4	8	25
RH PEND IN LEG 10	10-005	909.1	920.1	923.9	909.2	876.8	909.5	884.4	897.3	875.4	896.2	8	26
RH INTM HND HOLE R	10-038	937.2	940.1	941.4	933.1	939.3	932.9	936.8	934.1	927.9	939.3	8	27
RH INTM HND HOLE L	10-039	864.2	865.0	853.7	863.4	829.4	846.8	828.9	833.8	820.7	845.1	8	28
PSH OUT LEG T	09-017	830.7	780.4	833.1	837.6	843.8	804.8	822.3	807.0	797.3	811.5	14	11
PSH OUT LEG T	09-018	847.2	784.1	844.5	854.9	855.6	811.0	823.7	818.9	799.1	825.5	14	12
PSH OUT LEG T	09-019	836.5	752.4	801.8	844.5	831.3	772.5	765.2	750.0	740.7	765.6	14	13
PSH OUT LEG T	09-020	840.9	761.5	826.6	846.0	849.2	795.5	791.8	777.6	764.0	788.4	14	14
PSH OUT LEG T	09-021	815.9	767.7	821.3	816.4	834.7	794.8	807.5	791.2	788.4	795.0	14	15
PSH OUT LEG T	09-022	819.9	777.8	824.2	825.5	834.5	799.0	818.2	799.9	802.0	803.9	14	16
PSH OUT LEG T	09-023	834.3	764.4	826.1	840.8	838.7	791.4	802.5	796.4	779.1	805.5	14	17
PSH OUT LEG T	09-024	848.8	789.3	849.2	854.3	858.0	813.1	825.7	823.9	808.8	830.8	14	18
PSH OUT LEG T	09-025	835.1	762.5	832.6	840.2	842.9	793.5	799.9	799.7	782.1	808.7	14	19
PSH OUT LEG T	09-026	826.8	779.5	833.9	830.0	836.3	798.2	811.1	808.9	799.0	812.3	14	20
PSH OUT LEG T	09-027	832.6	787.3	836.4	835.7	842.9	801.6	816.2	812.5	801.5	817.5	14	21

DATA PAGE NO. 10 FUEL FEED DATA - PLANT

CYC A COAL FLOW KLB	05-104	37.53	26.08	26.11	38.03	27.41	29.83	21.99	28.48	.04	33.17	10	1
CYC B COAL FLOW KLB	07-110	37.54	26.10	26.12	38.01	27.40	-.01	-.01	0.00	25.04	-.01	10	2
CYC C COAL FLOW KLB	09-110	37.55	26.11	26.13	38.04	27.43	29.85	22.00	28.51	.02	33.17	10	3
CYC A SEC AIR FLOW %	06-170	283.8	206.8	206.8	289.4	216.0	216.9	158.3	212.4	4.3	246.5	10	16
CYC B SEC AIR FLOW %	08-170	288.9	206.6	206.6	293.8	217.5	3.6	3.4	4.1	205.6	3.7	10	17
CYC C SEC AIR FLOW %	10-170	287.0	206.9	208.0	292.3	215.6	216.9	158.2	208.3	1.2	246.6	10	18
CYC A SEC AIR T	20-002	595.5	524.9	629.2	589.7	592.8	573.2	532.6	557.7	482.5	555.2	11	1
CYC B SEC AIR T	20-003	612.4	556.6	645.0	599.7	627.8	573.1	541.9	562.0	534.8	562.4	11	2
CYC C SEC AIR T	20-004	559.2	528.5	578.5	542.4	559.4	537.3	522.1	534.8	492.2	535.0	11	3
PULV COAL FLOW KLB	06-314	.05	.06	35.23	.08	35.27	28.18	21.20	28.24	18.47	22.19	10	4
PULV PA FLOW	06-275	3.57	3.55	61.12	1.21	60.75	55.25	48.75	54.86	50.42	51.54	10	19
PULV INLET T	09-034	100.1	108.7	587.1	99.1	588.9	534.8	491.2	527.0	438.0	525.7	11	7
PULV OUTLET T	09-040	95.5	103.5	141.2	80.5	136.2	132.0	131.5	136.4	133.3	127.3	11	8

TEST NO.		W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	
TEST SEQ. NO.		1	2	3	4	5	6	7	8	9	10	
DATE		11/16/92	11/16/92	11/17/92	11/19/92	11/19/92	11/19/92	11/20/92	11/20/92	11/20/92	11/30/92	
TIME START		0900	1403	1136	0823	1223	1541	1354	1753	2022	1403	
TIME END		1127	1559	1329	1017	1407	1725	1558	1904	2107	1515	
LOAD MW		109	78	110	110	110	83	61	81	42	83	
DATA PAGE NO. 11 POWER & ELECTRICAL SYSTEM DATA												
PULV DIFF P IN WG	06-274	-.01	-.01	14.97	-.01	15.77	13.58	9.51	15.05	7.82	7.36	11 9
PULV AMPS	06-276	-.1	-.1	312.5	-.1	328.5	283.2	231.1	302.6	216.7	213.2	11 10
PULV PA FAN AMPS	06-277	11.7	-0.0	104.9	.1	106.8	73.2	62.3	74.0	35.1	71.1	11 11
ROT CLASS AMPS	06-278	.04	.03	46.57	.03	49.19	47.60	46.70	50.72	43.73	42.30	11 12
ROT CLASS RPM	06-270	-.2	-.3	156.6	-.2	160.4	163.0	174.8	169.9	171.4	160.5	11 13
ROT CLASS DP IN WG	06-345	.0211	.0202	.6259	.0224	.6917	.6491	.6050	.7510	.4879	.4085	11 14
COAL SILO LEVEL	06-310	81.47	96.34	75.39	93.06	75.29	75.21	43.51	27.79	13.17	93.09	11 15
FLAME INTENSITY #1 %	06-279	4.5	5.5	106.1	4.8	106.2	106.2	106.1	106.2	106.1	106.1	11 16
FLAME INTENSITY #2 %	06-295	14.6	20.3	105.7	5.0	105.4	105.5	105.9	105.9	105.9	105.6	11 17
FLAME INTENSITY #3 %	06-296	4.5	5.1	106.1	23.8	106.1	106.1	102.8	106.2	0.0	106.1	11 18
FLAME INTENSITY #4 %	06-297	5.6	3.8	105.7	6.6	105.6	105.7	106.1	106.2	106.1	105.7	11 19
DATA PAGE NO. 12 OPERATOR POSITIONS												
RH SP VLV POS	15-077	25.02	-5.00	45.23	22.50	59.28	-5.00	-5.00	-5.00	-5.00	-5.00	12 1
SH SP VLV POS R	13-190	70.94	38.82	60.98	74.78	71.59	53.41	48.63	45.95	45.61	46.98	12 3
SH SP VLV POS L	13-191	67.90	35.90	59.48	74.26	81.61	65.10	52.15	48.67	29.38	50.04	12 4
GR DMPR DEMAND	16-044	-5.00	10.10	-5.00	-5.00	-5.00	1.90	56.28	8.70	63.61	-5.00	12 9
RECIRC AIR DMPR POS	12-176	0.00	0.00	0.00	.06	.03	.05	0.00	0.00	0.00	14.70	12 13
SH PASS DMPR POS	14-180	100.0	23.7	93.8	100.0	100.0	63.1	26.5	47.0	.1	97.6	12 15
RH PASS DMPR POS	14-180	40.2	100.0	92.9	30.5	47.8	100.0	100.0	100.0	100.0	100.0	12 16
OVRFIRE AIR DMPR POS	06-115	9.00	9.00	48.47	9.00	41.84	40.73	28.23	44.10	27.78	36.65	12 17
BRN SEC AIR DMPR POS	06-286	37.01	34.26	28.46	36.80	41.46	36.81	39.80	45.83	43.50	35.25	12 18
HOT PRI AIR DMPR POS	06-556	0.0	0.0	99.6	0.0	99.7	99.5	81.2	99.6	58.6	100.0	12 19
BRN GAS REC DMPR POS	06-324	0.00	17.39	55.10	0.00	0.00	20.83	19.74	40.12	21.07	21.06	12 20
DATA PAGE NO. 15 MISCELLANEOUS DATA												
GAS LVG SH PASS 1A	08-003	-555.4	-366.7	-522.1	-585.2	-571.4	-450.4	-353.4	-412.2	-306.5	-450.7	15 1
GAS LVG SH PASS 1B	08-004	731.2	595.2	769.3	724.3	754.0	669.0	595.0	647.1	538.5	663.6	15 2
GAS LVG SH PASS 1C	08-005	750.8	608.0	787.6	734.3	770.2	673.3	603.2	661.6	544.7	680.6	15 3
GAS LVG SH PASS 1D	08-006	775.4	638.6	818.2	759.2	791.6	710.7	628.1	690.3	570.9	713.1	15 4
GAS LVG SH PASS 2A	08-017	677.6	556.6	690.1	679.0	686.9	618.1	553.3	594.1	504.7	608.8	15 5
GAS LVG SH PASS 2B	08-018	691.2	569.7	713.2	685.9	702.0	634.5	568.2	613.0	515.8	630.7	15 6
GAS LVG SH PASS 2C	08-019	695.1	567.0	718.9	687.4	698.4	628.5	564.2	613.9	517.6	635.1	15 7
GAS LVG SH PASS 2D	08-020	730.2	602.6	753.0	716.7	730.5	660.6	591.5	644.9	551.5	667.8	15 8
GAS LVG SH PASS 3A	08-021	723.8	605.8	728.2	719.9	723.9	650.6	594.6	641.6	545.7	652.6	15 9
GAS LVG SH PASS 3B	08-022	720.7	601.9	727.6	720.4	720.5	654.6	596.7	638.7	548.8	658.3	15 10
GAS LVG SH PASS 3C	08-023	714.6	589.2	727.8	701.5	714.3	638.8	583.1	630.5	535.5	648.5	15 11
GAS LVG SH PASS 3D	08-024	-673.4	-490.5	-651.1	-661.0	-658.8	-558.8	-474.0	-539.5	-410.3	-570.1	15 12
GAS LVG RH PASS 4A	08-033	656.7	622.2	703.4	643.8	653.1	629.4	589.6	625.8	584.8	629.4	15 13
GAS LVG RH PASS 4B	08-034	667.4	634.2	718.3	650.9	679.4	643.9	604.4	635.4	591.2	647.1	15 14
GAS LVG RH PASS 4C	08-035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 15

TEST NO.			W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	
TEST SEQ. NO.			1	2	3	4	5	6	7	8	9	10	
DATE			11/16/92	11/16/92	11/17/92	11/19/92	11/19/92	11/19/92	11/20/92	11/20/92	11/20/92	11/30/92	
TIME START			0900	1403	1136	0823	1223	1541	1354	1753	2022	1403	
TIME END			1127	1559	1329	1017	1407	1725	1558	1904	2107	1515	
LOAD MW			109	78	110	110	110	83	61	81	42	83	

DATA PAGE NO. 15 MISCELLANEOUS DATA

GAS LVG RH PASS	4D	08-036	695.7	649.2	761.0	669.5	728.7	678.5	631.7	675.0	623.1	675.8	15 16
GAS LVG RH PASS	5A	08-049	642.0	602.9	669.6	622.3	631.3	602.0	570.3	601.7	563.2	613.3	15 17
GAS LVG RH PASS	5B	08-050	651.1	610.0	683.1	630.2	653.4	619.4	583.6	612.5	573.5	624.9	15 18
GAS LVG RH PASS	5C	08-051	663.3	622.7	702.3	643.4	683.9	635.6	600.5	628.5	600.8	640.9	15 19
GAS LVG RH PASS	5D	08-052	652.8	611.7	697.7	634.0	669.0	623.5	589.3	619.9	584.9	627.0	15 20
GAS LVG RH PASS	6A	08-053	654.3	617.5	670.6	637.3	643.2	613.1	587.7	615.2	580.4	624.8	15 21
GAS LVG RH PASS	6B	08-054	674.4	639.6	689.7	656.8	670.7	637.4	610.4	631.6	600.5	647.2	15 22
GAS LVG RH PASS	6C	08-055	665.8	629.7	689.5	651.5	672.4	629.2	605.0	626.4	602.9	642.7	15 23
GAS LVG RH PASS	6D	08-056	675.9	635.8	697.3	652.1	672.7	621.3	606.8	629.2	595.7	641.9	15 24
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 27
RIGHT = A = W			1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	15 28

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TEST NO.	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20
TEST SEQ. NO.	11	12	13	14	15	16	17	18	19	20
DATE	11/30/92	12/01/92	12/01/92	12/01/92	12/02/92	12/02/92	12/02/92	12/03/92	12/03/92	12/03/92
TIME START	1627	0839	1129	1449	0821	1059	1357	0926	1212	1642
TIME END	1729	1004	1230	1602	0831	1223	1521	1008	1314	1736
LOAD MW	83	109	110	56	108	109	109	110	111	110
FUEL	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR
ALPHA1										
ALPHA2										

W11 AVG SCANS 20-->25 : 82 MW : NO REBURN : 3 CYCLONE : SLM
W12 AVG SCANS 7 -->14 : 110 MW : NO REBURN : 3 CYCLONE : SLM
W13 AVG SCANS 23-->28 : 110 MW : W/ REBURN : 3 CYCLONE : SLM
W14 AVG SCANS 42-->48 : 52 MW : NO REBURN : 2 CYCLONE : SLM
W15 AVG SCANS 1 -->2 : 110 MW : NO REBURN : BASE FOR Nox
W16 AVG SCANS 17-->22 : 110 MW : W/ REBURN : 19 TPH : SLM
W17 AVG SCANS 34-->41 : 110 MW : W/ REBURN : 15 TPH : SLM
W18 AVG SCANS 8 -->11 : 110 MW : NO REBURN : W/ GR : IRS & IKWLS
W19 AVG SCANS 24-->29 : 110 MW : NO REBURN : NO GR : IRS & IKWLS
W20 AVG SCANS 47-->51 : 110 MW : W/ REBURN : W/ GR : IRS & IKWLS

DATA PAGE NO. 2 FLOWS MLB/HR

LOAD MW	20-005	83.1	108.9	109.9	56.1	108.1	109.5	108.9	109.7	110.6	110.5	2	1
MAIN STEAM FLOW	03-033	567.3	757.0	758.2	363.0	748.5	752.1	752.1	761.3	766.3	765.3	2	2
1ST STG STM FLW	CALC	545.8	751.0	752.8	358.6	741.0	746.0	745.4	756.3	761.8	760.3	2	23
FW FLOW	12-170	557.0	775.0	777.9	370.1	765.9	774.4	774.8	782.0	786.6	788.5	2	3
BLOW DOWN FLOW	EST	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2	4
RH SPRAY FLOW	14-192	0.00	23.90	27.81	0.00	23.07	31.16	30.39	24.70	25.67	30.27	2	5
SH SPRAY FLOW L	17-052	7.33	21.42	23.84	1.13	21.94	28.59	21.56	22.98	24.12	16.15	2	7
SH SPRAY FLOW R	17-056	9.70	24.86	24.36	0.00	20.86	27.53	22.16	22.23	20.44	16.61	2	8
GR FAN AMPS A	16-181	-.0206	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	-.0206	0.0000	2	12
GR FAN AMPS B	16-183	24.42	.06	26.21	41.05	.06	26.35	26.34	24.71	.06	24.31	2	13
GR FAN BUS VOLT	EST	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	2	14
TOTAL GR FLOW	CALC	66.5	0.0	94.5	248.6	0.0	93.8	91.8	73.4	0.0	70.1	2	24
GR TO SEC AIR	06-932	2.39	.52	30.26	2.31	.45	43.20	45.96	1.26	.49	2.18	2	25
GR TO SEC AIR	CALC	2.12	35.00	28.72	1.99	35.00	42.31	44.96	1.04	35.00	2.06	2	26
GR TO FURN	CALC	64.4	0.0	65.8	246.7	0.0	51.5	46.9	72.4	0.0	68.2	2	27
OFA AIR FLOW	06-931	33.2	36.4	259.8	35.1	37.8	256.0	215.7	36.3	36.1	213.8	2	28
TMP AIR FLOW	CALC	51.3	99.8	68.0	58.7	112.0	60.7	72.5	82.9	115.1	37.5	14	10
SEC AIR FLOW	06-320	31.16	31.22	21.87	31.60	31.06	18.36	19.31	31.36	31.36	34.66	2	29
1st STG PRESS	18-128	751.1	1044.3	1046.8	483.8	1030.1	1037.1	1036.3	1051.9	1059.7	1057.5	2	19
OIL FLOW 2A	05-100	0.0000	.0017	.0017	.0017	.0017	.0017	.0017	0.0000	.0017	.0017	2	20
OIL FLOW 2B	07-100	.0017	.0017	.0019	.0017	.0017	.0017	.0017	.0017	.0019	.0029	2	21
OIL FLOW 2C	09-100	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	2	22
% PWDR RVR BASN COAL	USER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2	30
CYCLONE STOIC	CALC	1.1013	1.0551	1.0798	1.0356	1.0544	1.0713	1.0677	1.0735	1.0424	1.1190	4	20

TEST NO.			W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	
TEST SEQ. NO.			11	12	13	14	15	16	17	18	19	20	
DATE			11/30/92	12/01/92	12/01/92	12/01/92	12/02/92	12/02/92	12/02/92	12/03/92	12/03/92	12/03/92	
TIME START			1627	0839	1129	1449	0821	1059	1357	0926	1212	1642	
TIME END			1729	1004	1230	1602	0831	1223	1521	1008	1314	1736	
LOAD MW			83	109	110	56	108	109	109	110	111	110	
DATA PAGE NO. 2 FLOWS MLB/HR													
REBRN WB STOIC		CALC	100.0	100.0	.3	100.0	100.0	.3	.4	100.0	100.0	.4	4 21
REBRN STOIC		CALC	1.1437	1.1417	.8598	1.1097	1.1553	.8471	.9050	1.1396	1.1465	.9187	4 22
LVG FURN STOIC		CALC	1.1992	1.1857	1.1712	1.1942	1.2015	1.1542	1.1652	1.1834	1.1894	1.1737	4 23
LVG ECON STOIC		CALC	1.2113	1.1955	1.1810	1.2116	1.2114	1.1639	1.1750	1.1931	1.1992	1.1834	4 24
DATA PAGE NO. 3 FLUID TEMPERATURES F - PLANT													
SSH OUT T	L	15-152	999.6	998.9	1000.5	998.7	1000.8	999.5	998.2	998.2	998.8	998.7	3 1
SSH OUT T	R	15-150	998.6	999.4	1002.5	998.5	999.0	999.5	996.7	998.1	998.9	998.9	3 2
SSH OUT AVE T		13-160	998.7	1000.0	1003.1	996.1	1001.4	1001.6	998.4	1000.5	1000.9	1002.9	14 1
LVG SH ATTMP T	L	13-164	753.3	731.4	740.4	763.7	728.3	730.9	733.7	720.8	719.5	741.2	3 8
LVG SH ATTMP T	R	13-162	740.3	724.7	747.5	783.2	738.8	747.0	745.0	732.3	741.3	759.4	3 9
PRI SH OUT T	L	HW	791.1	818.5	838.0	774.0	818.1	849.6	818.3	811.6	812.5	801.8	3 10
PRI SH OUT T	R	HW	798.2	824.1	848.2	783.2	825.2	862.6	834.4	821.5	822.8	826.0	3 11
ECON H2O OUT T	L	HW	488.9	514.1	515.3	489.6	513.8	513.7	514.1	517.1	517.1	514.0	3 27
ECON H2O OUT T	R	HW	487.6	521.4	529.6	460.6	520.1	532.4	518.1	522.6	521.8	519.2	3 28
ECON H2O IN T		20-007	429.2	459.4	460.5	392.2	458.2	460.3	459.4	460.2	460.9	460.5	3 5
RH SPRAY H2O T		HW	295.3	316.7	316.4	266.4	315.9	315.9	315.5	316.7	316.5	316.8	3 7
LVG RH T		14-150	996.4	990.6	1000.6	997.7	996.5	1000.2	992.7	993.0	1000.0	996.3	3 12
ENT RH T		CALC	677.0	586.1	577.7	633.5	587.0	567.9	564.3	586.2	584.7	574.1	3 16
COLD RH T		20-006	684.5	744.3	748.6	640.8	741.4	746.3	743.1	745.7	747.5	749.7	3 18
DATA PAGE NO. 4 FLUID TEMPERATURES F - B&W													
AIR ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 1
AIR LVG AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 2
CYC A TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 3
CYC A PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 4
CYC A TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 5
CYC B TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 6
CYC B PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 7
CYC B TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 8
CYC C TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 9
CYC C PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 10
CYC C TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 11
LVG SSH PLAT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 12
ENT PSH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 13
LVG PSH P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 14
LVG PSH P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 15
LVG ECON P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 16
LVG ECON P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 17
GAS ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 18
GAS LVG AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 19

TEST NO.			W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	
TEST SEQ. NO.			11	12	13	14	15	16	17	18	19	20	
DATE			11/30/92	12/01/92	12/01/92	12/01/92	12/02/92	12/02/92	12/02/92	12/03/92	12/03/92	12/03/92	
TIME START			1627	0839	1129	1449	0821	1059	1357	0926	1212	1642	
TIME END			1729	1004	1230	1602	0831	1223	1521	1008	1314	1736	
LOAD MW			83	109	110	56	108	109	109	110	111	110	
DATA PAGE NO. 5	FLUID PRESSURES PSIG												
TURB THROT P		03-170	1450.0	1449.9	1449.5	1450.0	1450.4	1450.7	1450.5	1450.7	1450.0	1450.0	5 1
SEC SH OUT P		CALC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5 2
DRUM PRESS		04-013	1530.8	1596.4	1595.9	1487.2	1594.2	1594.4	1594.3	1599.6	1600.4	1599.5	5 3
LVG RH PRESS		15-102	305.3	425.7	429.3	200.1	421.1	427.4	425.6	429.2	433.0	432.4	5 4
ENT RH PRESS		15-100	324.1	451.9	455.8	210.2	447.9	455.0	453.6	456.2	460.8	461.1	5 5
FW HTR E EXT P		20-035	311.7	434.7	438.6	202.6	430.6	437.6	435.5	438.6	442.7	442.1	5 6
FW HTR E EXT P		TRANS	312.7	435.4	439.1	203.4	430.7	437.7	435.9	438.9	443.0	442.5	5 7
SEC SH OUT P	(T)	TRANS	1459.7	1479.2	1478.8	1446.6	1479.9	1480.3	1480.6	1481.5	1481.6	1481.4	5 17
DRUM PRESS	(T)	TRANS	1496.3	1561.3	1560.9	1451.8	1559.0	1559.2	1559.4	1564.4	1565.8	1566.3	5 18
LVG RH-1 P	(T)	TRANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5 19
ENT RH-1 P	(T)	TRANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5 20
DATA PAGE NO. 6	AIR & GAS DATA - PLANT												
AMBIENT AIR DB TEMP		TC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6 1
AIR ENT FD FAN T		HW	96.7	87.7	90.0	100.5	93.2	92.7	93.8	88.8	90.4	92.4	6 4
AIR LVG FD FAN T	A	09-028	131.2	119.2	122.2	137.1	121.5	123.1	125.2	117.8	122.8	120.3	7 2
AIR LVG FD FAN T	B	09-029	131.8	120.4	122.5	139.2	125.7	127.1	128.3	123.0	123.4	127.2	7 3
AIR ENT AH T	RA	20-017	133.1	121.0	122.9	141.8	126.2	127.2	128.6	123.0	123.9	127.6	6 2
AIR ENT AH T	RB	20-018	136.7	123.0	125.0	141.6	128.5	129.8	131.1	125.5	126.3	129.6	6 3
AIR ENT AH T	LA	20-025	149.6	122.6	125.3	139.7	125.1	126.6	128.5	121.4	125.6	124.4	13 25
AIR ENT AH T	LB	20-029	138.8	123.0	125.6	140.7	125.3	126.4	128.7	121.5	126.2	124.3	13 26
AIR LVG AH T	R	HW	599.0	665.3	695.6	555.8	636.9	690.4	662.5	639.2	650.3	643.2	6 6
AIR LVG AH T	L	HW	578.9	622.0	631.5	562.4	589.3	613.3	611.2	586.8	594.7	595.7	6 7
BRN SEC AIR T		08-002	551.0	603.9	626.3	552.0	574.6	619.6	597.3	572.2	586.5	586.7	14 2
BRN SA/GR T		08-001	530.2	569.8	584.1	530.4	543.9	596.8	607.1	543.2	555.5	561.6	14 3
OFA TEMP		09-002	518.9	290.9	600.7	394.8	304.9	594.9	581.0	288.3	292.9	563.0	14 4
GAS LVG AH T	RA	20-019	317.6	346.5	350.4	318.4	332.9	354.8	353.9	332.1	347.7	339.7	6 10
GAS LVG AH T	RB	20-020	298.3	321.0	325.5	292.5	309.4	329.2	330.1	309.9	323.7	318.9	6 11
GAS LVG AH T	LA	20-027	287.5	306.2	308.3	286.8	294.2	301.1	302.6	287.1	300.4	296.2	13 27
GAS LVG AH T	LB	20-024	295.2	311.2	313.1	290.6	295.7	306.1	307.4	290.2	306.4	300.6	13 28
GAS LVG RH PS T		AVE	647.2	700.9	708.6	615.1	668.8	677.4	686.7	665.7	673.3	677.3	13 17
GAS LVG SH PS T		AVE	651.4	724.6	760.1	557.9	698.9	752.7	719.1	700.1	706.6	699.2	13 19
GR GAS TEMP	A	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14 8
GR GAS TEMP	B	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14 9
O2 LVG ECON	R	11-172	3.2323	3.3676	3.6111	3.6969	3.3728	3.1500	3.1018	3.1890	3.1283	3.1366	6 20
O2 LVG ECON	L	11-170	3.5582	3.8225	3.0320	3.3846	3.7427	2.4445	2.9160	3.7691	3.9493	2.9776	6 21
O2 IN SEC AIR		06-254	19.74	20.71	10.77	19.81	20.75	8.24	8.31	20.32	20.73	19.94	13 29
ACCUREX NOX	PPM	06-553	432.6	454.6	198.1	419.6	495.5	208.8	276.5	526.3	527.1	280.2	13 9
ACCUREX SOX	PPM	06-555	209.4	204.6	207.5	204.4	251.3	236.3	373.8	299.5	289.3	371.0	13 10
ACCUREX CO	PPM	06-425	62.8	60.2	66.2	86.1	71.6	100.4	72.0	83.6	80.2	73.7	13 11
ACCUREX O2	%	06-554	3.3679	3.4612	3.1116	3.4258	3.3520	2.6312	2.7036	2.9846	3.2239	2.7988	13 12
BRN SEC AIR P	IN WG	06-250	14.08	24.03	27.22	9.05	23.19	25.49	24.31	22.60	23.35	23.20	14 5
BRN GAS REC P	IN WG	06-252	13.98	23.66	27.00	8.79	22.89	25.56	24.38	22.23	23.16	23.04	14 6

TEST NO.			W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	
TEST SEQ. NO.			11	12	13	14	15	16	17	18	19	20	
DATE			11/30/92	12/01/92	12/01/92	12/01/92	12/02/92	12/02/92	12/02/92	12/03/92	12/03/92	12/03/92	
TIME START			1627	0839	1129	1449	0821	1059	1357	0926	1212	1642	
TIME END			1729	1004	1230	1602	0831	1223	1521	1008	1314	1736	
LOAD MW			83	109	110	56	108	109	109	110	111	110	
DATA PAGE NO. 6		**AIR & GAS DATA - PLANT**											
FURNACE GAS P	IN WG	08-100	13.62	23.50	23.78	8.86	22.60	22.74	21.29	22.19	23.02	22.30	14 7
BAROMETRIC P	IN HG	PB	29.15	29.00	28.91	28.85	29.04	29.14	29.19	29.36	29.33	29.24	6 29
REL HUMIDITY	%	TST	8.4388	8.8074	8.8646	8.2860	8.4964	8.3620	8.3275	8.4543	8.7133	8.5294	6 30
DATA PAGE NO. 7		**AIR & GAS DATA - B&W**											
AMBIENT AIR TEMP		TC	114.0	101.6	106.1	113.5	106.4	110.6	113.2	102.3	108.0	106.4	7 1
AIR LVG FD FAN T	A	TC	133.1	120.9	124.2	139.0	123.3	124.8	127.0	119.6	124.8	122.1	7 6
AIR LVG FD FAN T	B	TC	133.5	121.8	124.0	140.9	127.0	128.5	129.7	124.3	125.2	128.5	7 7
AIR ENT AH	(T)	GRID	139.9	123.0	125.5	141.8	126.9	128.5	130.3	123.7	126.6	127.3	7 4
GAS LVG AH	(T)	GRID	289.5	309.5	312.9	286.6	296.5	311.0	311.3	292.9	307.7	302.2	7 10
GAS LVG ECON	(T) L	GRID	667.8	726.4	746.1	632.9	687.2	716.2	719.1	686.7	693.2	700.0	7 14
GAS LVG ECON	(T) R	GRID	657.2	728.6	767.3	585.3	706.6	765.9	757.2	707.6	714.1	701.5	7 15
GAS TEMP LVG GR FAN		GRID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13 7
O2 LVG ECON	(T) L	GRID	3.7349	3.8317	3.2874	3.3512	3.9351	2.8480	3.1524	3.8196	3.9989	3.2258	7 20
O2 LVG ECON	(T) R	GRID	3.1000	3.2000	3.2723	3.7000	3.1647	3.1519	3.2208	3.1547	3.1499	3.4084	7 21
CO LVG ECON	(T) L	GRID	5.16	35.17	43.01	24.04	10.49	60.22	30.15	69.36	78.35	59.74	13 5
CO LVG ECON	(T) R	GRID	27.2	82.7	134.7	48.7	61.1	125.3	80.8	77.7	91.1	87.4	13 6
CO2 LVG ECON	(T) L	GRID	15.36	15.92	16.15	15.70	15.81	16.82	16.57	15.66	15.49	16.00	7 22
CO2 LVG ECON	(T) R	GRID	15.53	15.98	15.85	14.72	16.00	16.00	15.93	15.82	15.75	15.42	7 23
NOX LVG ECON	(T) L	GRID	492.4	483.9	209.1	476.1	592.6	244.0	314.0	580.9	596.9	321.1	7 24
NOX LVG ECON	(T) R	GRID	440.8	519.7	211.8	441.7	532.3	214.0	276.8	539.0	551.6	279.7	7 25
O2 LVG AH	(T)	GRID	4.7410	4.9282	4.2050	5.1380	5.0407	3.9611	4.0301	4.4252	4.9456	4.1099	13 1
CO2 LVG AH	(T)	GRID	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7795	3.7792	3.7777	13 3
O2 LVG GR FAN	(T)	GRID	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.61	15.29	8.12	13 4
DRY BULB TEMP	(T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 26
WET BULB TEMP	(T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 27
DATA PAGE NO. 8		**FW HTR TEMPERATURES F - PLANT**											
FW HTR E EXT T		HW	682.2	742.3	745.5	638.0	739.5	742.9	739.6	742.8	744.7	746.8	8 1
FW HTR E LVG T		HW	427.0	457.3	457.4	390.3	456.2	456.9	456.1	457.4	457.5	457.5	8 5
FW HTR E ENT T		HW	361.0	385.0	385.1	331.6	384.1	384.8	383.9	385.0	385.0	384.9	8 7
FW HTR E DRN T		HW	380.6	403.8	403.9	341.4	402.8	403.6	402.8	403.9	404.1	404.4	8 13
DATA PAGE NO. 9		**FW HTR TEMPERATURES F - B&W**											
SSH PEND IN LEG	1	10-017	860.8	849.1	850.3	896.3	861.0	847.3	843.8	852.6	857.6	848.7	9 17
SSH PEND IN LEG	2	10-018	878.1	863.6	869.4	905.0	874.8	867.7	864.7	866.7	871.0	870.0	9 18
SSH PEND IN LEG	3	10-019	871.9	859.4	866.1	890.9	873.8	869.2	865.3	866.2	867.7	875.1	9 19
SSH PEND IN LEG	4	10-020	878.9	866.8	874.1	894.0	883.9	879.4	874.3	874.8	876.7	888.0	9 20
SSH PEND IN LEG	5	10-021	841.1	831.7	839.3	853.3	848.4	845.1	837.0	840.4	842.7	859.3	9 21

TEST NO.	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20
TEST SEQ. NO.	11	12	13	14	15	16	17	18	19	20
DATE	11/30/92	12/01/92	12/01/92	12/01/92	12/02/92	12/02/92	12/02/92	12/03/92	12/03/92	12/03/92
TIME START	1627	0839	1129	1449	0821	1059	1357	0926	1212	1642
TIME END	1729	1004	1230	1602	0831	1223	1521	1008	1314	1736
LOAD MW	83	109	110	56	108	109	109	110	111	110

DATA PAGE NO. 9 FW HTR TEMPERATURES F - B&W

SSH PEND IN LEG 6	10-033	881.2	866.8	871.9	882.9	880.7	876.3	866.1	871.4	872.8	891.7	9	22
SSH PEND IN LEG 7	10-034	886.3	871.3	871.1	877.9	877.8	871.4	863.8	867.9	864.4	882.8	9	23
SSH PEND IN LEG 8	10-035	880.3	865.2	867.4	881.8	872.6	866.3	862.4	863.9	863.4	876.7	9	24
SSH PEND IN LEG 9	10-036	882.2	867.6	870.1	893.9	874.5	868.3	869.1	867.9	870.0	873.9	9	25
SSH PEND IN LEG 10	10-037	869.9	856.0	850.4	893.2	863.9	850.3	854.8	854.2	854.9	848.4	9	26
RH PEND IN LEG 1	09-049	936.1	925.7	940.0	942.5	935.4	941.0	933.0	931.6	938.3	944.1	8	17
RH PEND IN LEG 2	09-050	925.8	916.0	929.2	924.6	924.0	930.2	921.4	921.8	928.1	939.0	8	18
RH PEND IN LEG 3	09-051	930.2	918.8	932.6	934.0	927.9	933.5	925.4	924.7	931.5	938.5	8	19
RH PEND IN LEG 4	09-052	926.5	915.3	928.3	927.6	923.7	929.1	920.7	920.9	927.5	936.1	8	20
RH PEND IN LEG 5	09-053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	21
RH PEND IN LEG 6	10-001	955.3	948.9	966.1	963.5	961.7	969.7	959.5	956.6	964.3	970.2	8	22
RH PEND IN LEG 7	10-002	927.0	912.1	926.7	941.2	924.9	925.4	921.0	918.5	924.0	927.0	8	23
RH PEND IN LEG 8	10-003	933.8	911.7	925.8	958.1	925.6	923.4	923.2	916.1	920.9	917.6	8	24
RH PEND IN LEG 9	10-004	936.8	925.4	939.7	942.8	935.6	940.7	932.7	931.6	938.3	944.1	8	25
RH PEND IN LEG 10	10-005	914.7	895.7	895.6	945.0	911.2	896.0	893.6	896.9	902.2	873.0	8	26
RH INTM HND HOLE R	10-038	933.2	925.5	939.7	936.5	932.6	940.6	932.8	931.2	938.4	943.7	8	27
RH INTM HND HOLE L	10-039	860.6	849.4	837.0	875.7	865.3	832.7	837.4	851.8	857.9	827.7	8	28
PSH OUT LEG T	09-017	801.6	822.1	844.8	793.3	822.1	861.5	839.8	819.6	822.6	824.9	14	11
PSH OUT LEG T	09-018	807.0	835.9	858.1	792.4	835.8	878.6	853.8	833.3	834.9	839.7	14	12
PSH OUT LEG T	09-019	786.2	822.8	823.9	761.5	822.7	833.8	800.6	812.9	813.4	781.3	14	13
PSH OUT LEG T	09-020	799.4	828.4	846.1	771.5	824.6	858.7	819.8	818.5	818.6	799.3	14	14
PSH OUT LEG T	09-021	792.6	809.6	831.8	780.2	807.0	843.3	818.8	804.3	806.1	806.1	14	15
PSH OUT LEG T	09-022	796.4	813.0	835.8	793.3	813.4	849.2	827.7	810.8	814.7	814.9	14	16
PSH OUT LEG T	09-023	790.4	820.9	843.2	770.4	819.2	863.4	831.4	816.0	816.7	817.8	14	17
PSH OUT LEG T	09-024	812.9	838.2	861.9	798.6	841.2	881.2	854.7	837.8	839.7	844.1	14	18
PSH OUT LEG T	09-025	795.7	823.2	848.4	766.7	820.9	866.0	831.3	818.4	819.3	822.7	14	19
PSH OUT LEG T	09-026	800.4	817.2	839.8	787.3	818.1	853.9	828.9	815.4	818.5	825.4	14	20
PSH OUT LEG T	09-027	804.7	821.4	844.4	791.3	822.4	857.4	831.5	820.1	823.1	830.8	14	21

DATA PAGE NO. 10 FUEL FEED DATA - PLANT

CYC A COAL FLOW KLB	05-104	28.86	39.07	27.86	29.62	38.15	27.30	28.38	38.27	39.29	26.80	10	1
CYC B COAL FLOW KLB	07-110	28.89	39.07	27.87	-.01	38.15	27.30	28.37	38.32	39.33	26.85	10	2
CYC C COAL FLOW KLB	09-110	28.86	39.08	27.88	29.63	38.16	27.28	28.35	38.26	39.28	26.79	10	3
CYC A SEC AIR FLOW %	06-170	220.5	289.2	213.5	217.6	284.0	204.4	219.7	294.2	289.3	219.3	10	16
CYC B SEC AIR FLOW %	08-170	224.4	292.4	214.0	2.2	289.8	202.8	222.5	298.8	293.3	222.5	10	17
CYC C SEC AIR FLOW %	10-170	220.8	291.9	213.0	218.3	287.8	205.4	219.5	297.5	293.0	218.3	10	18
CYC A SEC AIR T	20-002	561.5	598.0	630.1	532.2	583.7	634.5	615.6	598.3	598.7	587.2	11	1
CYC B SEC AIR T	20-003	578.2	628.5	651.8	549.3	598.4	639.5	628.4	596.7	610.7	615.1	11	2
CYC C SEC AIR T	20-004	543.4	584.9	589.3	534.9	552.9	572.0	572.1	550.6	560.7	557.6	11	3
PULV COAL FLOW KLB	06-314	.07	.07	35.28	.08	.08	37.28	30.09	.08	.08	35.44	10	4
PULV PA FLOW	06-275	1.65	1.10	59.46	1.54	0.00	64.28	58.27	1.56	1.29	62.86	10	19
PULV INLET T	09-034	144.6	86.4	593.6	201.6	97.9	586.5	570.7	88.3	92.7	556.0	11	7
PULV OUTLET T	09-040	124.3	87.0	131.4	130.9	95.2	133.3	138.3	93.1	89.6	134.5	11	8

TEST NO.	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20
TEST SEQ. NO.	11	12	13	14	15	16	17	18	19	20
DATE	11/30/92	12/01/92	12/01/92	12/01/92	12/02/92	12/02/92	12/02/92	12/03/92	12/03/92	12/03/92
TIME START	1627	0839	1129	1449	0821	1059	1357	0926	1212	1642
TIME END	1729	1004	1230	1602	0831	1223	1521	1008	1314	1736
LOAD MW	83	109	110	56	108	109	109	110	111	110

DATA PAGE NO. 11 POWER & ELECTRICAL SYSTEM DATA

PULV DIFF P IN WG	06-274	-.01	-.04	17.72	-.01	-.14	17.30	13.94	-.01	-.01	15.10	11	9
PULV AMPS	06-276	-.1	-.1	351.2	-0.0	-.1	350.3	291.4	-.1	-.1	318.3	11	10
PULV PA FAN AMPS	06-277	0.0	-.1	105.6	.1	.1	103.3	71.8	.1	0.0	88.0	11	11
ROT CLASS AMPS	06-278	.03	8.57	49.38	.03	44.47	49.38	46.75	.03	.03	46.48	11	12
ROT CLASS RPM	06-270	-.3	28.7	159.9	-.2	159.3	159.6	161.1	-.2	-.2	154.5	11	13
ROT CLASS DP IN WG	06-345	.0199	.1134	.6826	.0196	.4673	.6647	.6043	.0220	.0222	.5807	11	14
COAL SILO LEVEL	06-310	93.50	94.53	72.33	67.49	66.82	35.96	88.02	96.84	91.11	68.56	11	15
FLAME INTENSITY #1 %	06-279	5.9	57.9	106.2	1.1	13.2	106.2	106.1	65.5	57.7	106.1	11	16
FLAME INTENSITY #2 %	06-295	2.7	5.9	105.5	1.0	19.5	105.7	105.8	67.0	46.7	105.7	11	17
FLAME INTENSITY #3 %	06-296	5.1	7.0	106.1	.8	11.1	0.0	106.1	68.1	63.5	106.1	11	18
FLAME INTENSITY #4 %	06-297	4.1	6.1	105.6	4.3	6.7	105.7	105.8	6.8	6.8	105.8	11	19

DATA PAGE NO. 12 OPERATOR POSITIONS

RH SP VLV POS	15-077	-5.00	35.70	42.70	-5.00	34.94	67.28	65.31	38.00	39.72	46.36	12	1
SH SP VLV POS R	13-190	47.87	67.97	66.40	19.95	64.00	74.84	63.50	60.78	56.85	48.42	12	3
SH SP VLV POS L	13-191	41.47	59.97	65.73	32.67	64.97	77.39	60.76	62.13	63.93	49.13	12	4
GR DMPR DEMAND	16-044	-5.00	-5.00	-5.00	90.37	-5.00	-5.00	-5.00	-5.00	-5.00	-5.00	12	9
RECIRC AIR DMPR POS	12-176	2.0785	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	12	13
SH PASS DMPR POS	14-180	43.7	100.0	100.0	0.0	100.0	100.0	93.1	99.8	83.0	59.5	12	15
RH PASS DMPR POS	14-180	100.0	66.7	46.4	100.0	80.9	36.0	87.9	88.1	100.0	100.0	12	16
OVRFIRE AIR DMPR POS	06-115	9.00	9.00	65.40	9.00	9.00	63.23	50.00	9.00	9.00	48.80	12	17
BRN SEC AIR DMPR POS	06-286	35.85	37.32	30.90	35.19	36.64	25.82	26.88	36.59	36.89	39.32	12	18
HOT PRI AIR DMPR POS	06-556	0.0	0.0	100.0	0.0	0.0	100.0	100.0	0.0	0.0	90.2	12	19
BRN GAS REC DMPR POS	06-324	0.00	0.00	38.62	0.00	0.00	38.67	38.67	0.00	0.00	0.00	12	20

DATA PAGE NO. 15 MISCELLANEOUS DATA

GAS LVG SH PASS 1A	08-003	-442.1	-586.7	-598.9	-329.6	-542.8	-569.6	-495.2	-528.8	-549.4	-471.1	15	1
GAS LVG SH PASS 1B	08-004	653.7	732.1	785.9	558.1	706.0	779.1	732.9	710.4	719.0	706.7	15	2
GAS LVG SH PASS 1C	08-005	663.6	754.9	811.1	559.4	717.7	790.8	751.6	720.5	729.0	722.7	15	3
GAS LVG SH PASS 1D	08-006	703.0	787.5	831.1	598.1	765.6	815.7	788.8	763.0	768.5	772.2	15	4
GAS LVG SH PASS 2A	08-017	616.0	681.7	706.9	525.0	658.1	703.6	671.2	661.4	672.4	647.1	15	5
GAS LVG SH PASS 2B	08-018	630.0	700.5	729.9	538.4	675.6	723.4	692.7	675.1	679.5	669.0	15	6
GAS LVG SH PASS 2C	08-019	629.1	701.5	736.4	536.3	672.3	727.4	692.0	673.2	677.5	673.5	15	7
GAS LVG SH PASS 2D	08-020	660.6	739.8	773.4	561.8	711.1	758.6	726.4	712.8	715.3	714.1	15	8
GAS LVG SH PASS 3A	08-021	661.2	723.4	742.8	570.2	703.7	745.1	717.1	705.2	714.2	701.7	15	9
GAS LVG SH PASS 3B	08-022	656.7	718.9	746.3	571.2	689.0	747.7	716.5	696.5	705.3	694.0	15	10
GAS LVG SH PASS 3C	08-023	640.4	706.0	737.5	560.3	689.9	735.6	702.1	682.8	685.0	690.7	15	11
GAS LVG SH PASS 3D	08-024	-550.8	-665.3	-679.7	-443.3	-618.4	-659.8	-610.0	-607.9	-604.9	-611.5	15	12
GAS LVG RH PASS 4A	08-033	646.2	693.6	703.9	617.6	663.7	677.1	678.0	652.0	655.9	651.1	15	13
GAS LVG RH PASS 4B	08-034	656.6	708.0	723.3	623.2	671.7	690.5	704.6	668.8	678.4	681.6	15	14
GAS LVG RH PASS 4C	08-035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15	15

TEST NO.		W11	W12	W13	W14	W15	W16	W17	W18	W19	W20
TEST SEQ. NO.		11	12	13	14	15	16	17	18	19	20
DATE		11/30/92	12/01/92	12/01/92	12/01/92	12/02/92	12/02/92	12/02/92	12/03/92	12/03/92	12/03/92
TIME START		1627	0839	1129	1449	0821	1059	1357	0926	1212	1642
TIME END		1729	1004	1230	1602	0831	1223	1521	1008	1314	1736
LOAD MW		83	109	110	56	108	109	109	110	111	110

DATA PAGE NO. 15 MISCELLANEOUS DATA

GAS LVG RH PASS	4D	08-036	682.7	745.8	767.5	635.3	712.5	737.4	754.2	706.6	722.7	747.8	15 16
GAS LVG RH PASS	5A	08-049	629.9	678.5	677.4	597.7	640.9	643.6	654.7	637.8	638.1	631.8	15 17
GAS LVG RH PASS	5B	08-050	636.9	689.2	695.4	604.1	653.2	658.2	674.4	656.2	663.6	655.4	15 18
GAS LVG RH PASS	5C	08-051	647.5	711.4	722.7	607.7	665.5	680.7	693.4	673.4	689.9	696.3	15 19
GAS LVG RH PASS	5D	08-052	634.4	695.2	705.7	597.0	658.2	672.4	687.2	660.8	672.9	689.3	15 20
GAS LVG RH PASS	6A	08-053	638.0	683.1	683.0	613.9	655.3	653.8	659.8	647.1	649.1	647.4	15 21
GAS LVG RH PASS	6B	08-054	657.5	704.4	707.5	628.2	677.1	676.6	683.8	671.2	675.6	673.9	15 22
GAS LVG RH PASS	6C	08-055	647.4	702.0	707.6	620.4	673.7	679.4	681.2	670.4	677.3	681.1	15 23
GAS LVG RH PASS	6D	08-056	641.7	698.9	700.5	620.6	685.5	681.8	682.6	678.8	683.4	694.4	15 24
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 27
RIGHT = A = W			11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00	15 28

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TEST NO.	W21	W22	W23	W24	W25	W26	W27	W28	W29	W30
TEST SEQ. NO.	21	22	23	24	25	26	27	28	29	30
DATE	12/03/92	12/04/92	12/04/92	12/04/92	12/05/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92
TIME START	1859	0934	1120	1441	1157	0839	0954	1140	1337	1533
TIME END	1953	0944	1244	1502	1300	0850	1015	1201	1501	1625
LOAD MW	110	109	118	59	61	110	110	110	60	60
FUEL	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR	LAMR
ALPHA1										
ALPHA2										

W21 AVG SCANS 60-->64 : 110 MW : W/ REBURN : NO GR : IRS & IKWLS
W22 SINGLE SCAN : BASELINE FOR Nox
W23 AVG SCANS 13-->20 : 119 MW : W/ REBURN : MAX LOAD : SLM
W24 AVG SCANS 31-->32 : 60 MW : W/ REBURN : ABORTED PART OF SLM
W25 AVG SCANS 152-->157 : 60 MW : NO REBURN : SLM
W26 SINGLE SCAN : 110 MW : Nox BASELINE
W27 AVG SCANS 10-->11 : 110 MW : W/ REBURN : 18 TPH : NO SLM
W28 AVG SCANS 20-->21 : 110 MW : W/ REBURN : 17 TPH : NO SLM
W29 AVG SCANS 30-->36 : 60 MW : W/ REBURN : 12.5 TPH : SLM
W30 AVG SCANS 41-->45 : 60 MW : W/ REBURN : 10.5 TPH : SLM

DATA PAGE NO. 2 FLOWS MLB/HR

LOAD MW	20-005	110.0	109.3	118.1	58.8	61.5	110.0	109.9	110.1	60.3	60.4	2 1
MAIN STEAM FLOW	03-033	763.4	757.0	834.0	380.5	395.8	768.0	769.5	768.0	386.6	387.2	2 2
1ST STG STM FLW	CALC	758.2	751.7	826.5	378.7	394.9	763.9	764.9	763.7	385.1	385.5	2 23
FW FLOW	12-170	784.9	775.0	852.7	391.5	406.9	778.2	782.0	775.1	396.3	397.9	2 3

BLOW DOWN FLOW		EST	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2.0000	2 4
RH SPRAY FLOW		14-192	27.61	26.68	31.00	0.00	0.00	0.00	4.68	5.84	0.00	0.00	2 5
SH SPRAY FLOW	L	17-052	13.28	24.24	21.76	5.63	1.22	27.49	17.81	22.74	5.38	4.14	2 7
SH SPRAY FLOW	R	17-056	12.49	22.31	23.11	0.00	0.00	31.72	18.30	25.12	5.48	0.00	2 8
GR FAN AMPS	A	16-181	0.00	0.00	-.02	0.00	0.00	0.00	0.00	25.10	39.34	37.54	2 12
GR FAN AMPS	B	16-183	.06	.06	26.93	42.89	42.18	.06	.06	.06	.06	.06	2 13
GR FAN BUS VOLT		EST	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	4160.0	2 14
TOTAL GR FLOW		CALC	0.0	0.0	97.4	276.6	268.5	0.0	0.0	82.6	231.2	207.4	2 24
GR TO SEC AIR		06-932	.62	.54	24.00	12.25	2.00	.44	.61	12.15	13.07	13.79	2 25
GR TO SEC AIR		CALC	35.00	35.00	23.09	12.39	1.79	35.00	35.00	12.34	13.02	13.21	2 26
GR TO FURN		CALC	0.0	0.0	74.3	264.2	266.8	0.0	0.0	70.5	218.2	194.2	2 27
OFA AIR FLOW		06-931	213.3	37.5	253.2	117.0	33.7	36.8	202.1	246.8	116.8	116.2	2 28
TMP AIR FLOW		CALC	90.6	123.1	74.1	65.5	64.0	80.4	69.5	59.9	51.2	57.0	14 10
SEC AIR FLOW		06-320	34.58	31.18	25.86	36.72	31.14	31.41	42.35	31.00	37.10	36.37	2 29
1st STG PRESS		18-128	1054.6	1045.2	1152.2	512.4	535.6	1062.7	1064.2	1062.4	521.6	522.1	2 19
OIL FLOW 2A		05-100	.0017	.0017	.0017	.0017	.0017	.0017	.0018	.0017	.0024	.0027	2 20
OIL FLOW 2B		07-100	.0028	.0026	.0017	.0017	.0032	.0031	.0033	.0033	.0031	.0027	2 21
OIL FLOW 2C		09-100	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	.0016	2 22
% PWDR RVR BASN COAL		USER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2 30
CYCLONE STOIC		CALC	1.0584	1.0488	1.0635	1.0140	1.0485	1.0723	1.0752	1.1147	1.0438	1.0462	4 20

TEST NO.			W21	W22	W23	W24	W25	W26	W27	W28	W29	W30	
TEST SEQ. NO.			21	22	23	24	25	26	27	28	29	30	
DATE			12/03/92	12/04/92	12/04/92	12/04/92	12/05/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92	
TIME START			1859	0934	1120	1441	1157	0839	0954	1140	1337	1533	
TIME END			1953	0944	1244	1502	1300	0850	1015	1201	1501	1625	
LOAD MW			110	109	118	59	61	110	110	110	60	60	
DATA PAGE NO. 2		FLOWS MLB/HR											
REBRN WB STOIC		CALC	.5	100.0	.4	.5	100.0	100.0	.6	.4	.5	.6	4 21
REBRN STOIC		CALC	.9216	1.1618	.8741	.9133	1.1313	1.1364	.9214	.8928	.9156	.9296	4 22
LVG FURN STOIC		CALC	1.1768	1.2070	1.1560	1.1797	1.2057	1.1820	1.1711	1.1990	1.1774	1.1907	4 23
LVG ECON STOIC		CALC	1.1866	1.2168	1.1657	1.1960	1.2217	1.1919	1.1808	1.2087	1.1935	1.2069	4 24
DATA PAGE NO. 3		FLUID TEMPERATURES F - PLANT											
SSH OUT T	L	15-152	999.5	1001.8	999.0	1004.3	1000.0	998.6	994.8	1001.7	1000.8	1000.8	3 1
SSH OUT T	R	15-150	999.4	1004.0	998.5	1003.9	1000.0	999.7	997.6	1001.6	1001.1	997.9	3 2
SSH OUT AVE T		13-160	1002.2	1004.6	1000.0	1005.7	999.6	1000.1	999.1	1003.9	1003.1	1000.2	14 1
LVG SH ATTMP T	L	13-164	749.1	718.3	746.6	751.5	749.9	721.9	728.5	744.8	729.0	740.7	3 8
LVG SH ATTMP T	R	13-162	763.8	733.1	752.9	774.2	752.2	709.4	744.0	753.2	759.0	773.8	3 9
PRI SH OUT T	L	HW	798.6	814.1	825.6	793.7	763.8	832.3	795.5	833.2	770.6	771.5	3 10
PRI SH OUT T	R	HW	815.3	823.3	838.6	812.6	769.0	831.9	815.3	853.9	800.9	786.3	3 11
ECON H2O OUT T	L	HW	512.7	517.2	520.9	480.9	493.9	510.0	505.0	507.5	483.6	483.1	3 27
ECON H2O OUT T	R	HW	516.2	522.9	532.8	478.9	462.4	528.0	521.7	533.9	467.6	465.4	3 28
ECON H2O IN T		20-007	459.9	459.4	467.8	396.7	400.5	460.2	459.1	459.7	398.5	398.6	3 5
RH SPRAY H2O T		HW	317.6	316.5	322.2	271.9	273.8	317.2	316.2	316.0	273.3	273.8	3 7
LVG RH T		14-150	996.1	996.5	1003.1	975.9	986.3	999.0	995.1	1003.6	998.8	1000.1	3 12
ENT RH T		CALC	578.0	581.5	599.2	643.2	641.2	702.4	698.6	699.4	643.2	641.4	3 16
COLD RH T		20-006	748.3	747.1	761.9	651.9	648.3	744.8	744.5	748.0	652.0	649.7	3 18
DATA PAGE NO. 4		FLUID TEMPERATURES F - B&W											
AIR ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 1
AIR LVG AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 2
CYC A TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 3
CYC A PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 4
CYC A TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 5
CYC B TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 6
CYC B PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 7
CYC B TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 8
CYC C TA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 9
CYC C PA DIFF P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 10
CYC C TOT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 11
LVG SSH PLAT P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 12
ENT PSH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 13
LVG PSH P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 14
LVG PSH P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 15
LVG ECON P	R	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 16
LVG ECON P	L	PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 17
GAS ENT AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 18
GAS LVG AH P		PB	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4 19

TEST NO.			W21	W22	W23	W24	W25	W26	W27	W28	W29	W30	
TEST SEQ. NO.			21	22	23	24	25	26	27	28	29	30	
DATE			12/03/92	12/04/92	12/04/92	12/04/92	12/05/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92	
TIME START			1859	0934	1120	1441	1157	0839	0954	1140	1337	1533	
TIME END			1953	0944	1244	1502	1300	0850	1015	1201	1501	1625	
LOAD MW			110	109	118	59	61	110	110	110	60	60	
DATA PAGE NO. 5	**FLUID PRESSURES PSIG**												
TURB THROT P		03-170	1449.7	1451.9	1450.4	1450.8	1449.9	1450.7	1452.9	1450.0	1449.7	1449.6	5 1
SEC SH OUT P		CALC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5 2
DRUM PRESS		04-013	1600.3	1596.6	1626.1	1490.3	1495.1	1600.8	1605.3	1600.5	1489.9	1490.2	5 3
LVG RH PRESS		15-102	430.5	426.9	468.5	210.3	220.2	427.8	427.6	427.6	215.2	215.5	5 4
ENT RH PRESS		15-100	458.5	453.5	498.0	220.3	230.0	456.0	455.3	455.6	227.2	227.9	5 5
FW HTR E EXT P		20-035	439.7	436.3	478.7	213.1	222.6	438.2	437.2	437.7	218.5	218.9	5 6
FW HTR E EXT P		TRANS	439.9	437.2	479.2	214.4	224.2	438.5	437.4	438.2	219.3	219.8	5 7
SEC SH OUT P	(T)	TRANS	1480.8	1482.5	1489.9	1447.9	1448.8	1483.1	1484.1	1480.7	1447.2	1446.7	5 17
DRUM PRESS	(T)	TRANS	1566.1	1563.3	1591.3	1456.0	1462.2	1566.1	1569.5	1565.2	1453.9	1453.8	5 18
LVG RH-1 P	(T)	TRANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5 19
ENT RH-1 P	(T)	TRANS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5 20
DATA PAGE NO. 6	**AIR & GAS DATA - PLANT**												
AMBIENT AIR DB TEMP		TC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6 1
AIR ENT FD FAN T		HW	90.6	87.7	87.2	94.3	87.5	90.2	90.5	92.3	98.4	101.5	6 4
AIR LVG FD FAN T	A	09-028	121.3	115.5	118.3	133.0	125.3	118.9	122.1	122.8	137.4	139.3	7 2
AIR LVG FD FAN T	B	09-029	125.7	119.7	121.4	137.8	130.6	122.3	124.5	126.1	141.2	142.0	7 3
AIR ENT AH T	RA	20-017	126.2	120.5	121.7	140.4	131.6	122.9	125.0	126.3	143.2	143.1	6 2
AIR ENT AH T	RB	20-018	128.5	123.0	124.5	140.0	132.5	125.3	127.4	129.0	143.4	144.1	6 3
AIR ENT AH T	LA	20-025	124.6	119.7	121.7	135.6	127.9	122.0	125.4	126.7	140.2	142.1	13 25
AIR ENT AH T	LB	20-029	124.8	119.5	121.7	136.3	128.4	122.1	125.7	126.3	140.7	142.9	13 26
AIR LVG AH T	R	HW	651.1	620.8	657.9	579.3	571.1	656.5	660.9	691.9	579.5	580.9	6 6
AIR LVG AH T	L	HW	602.1	599.6	596.3	555.1	574.1	594.2	592.8	605.0	581.8	581.8	6 7
BRN SEC AIR T		08-002	598.5	558.8	590.7	564.2	563.9	584.6	598.9	620.6	585.7	585.2	14 2
BRN SA/GR T		08-001	571.5	531.4	568.2	557.5	534.0	554.3	578.1	574.0	573.7	574.2	14 3
OFA TEMP		09-002	571.3	295.3	568.3	525.6	374.7	301.3	552.5	590.2	537.4	534.1	14 4
GAS LVG AH T	RA	20-019	348.9	332.5	337.7	323.6	305.3	337.2	349.3	350.1	328.2	313.7	6 10
GAS LVG AH T	RB	20-020	329.2	311.4	314.6	293.1	280.5	315.9	328.7	326.9	300.0	289.4	6 11
GAS LVG AH T	LA	20-027	306.4	290.9	291.2	282.4	275.5	299.7	306.6	299.6	289.1	284.6	13 27
GAS LVG AH T	LB	20-024	312.1	294.1	295.8	287.4	278.4	301.8	310.3	306.1	295.5	288.6	13 28
GAS LVG RH PS T		AVE	681.0	644.0	670.2	598.5	634.7	666.6	660.3	677.1	627.6	635.6	13 17
GAS LVG SH PS T		AVE	702.5	680.9	724.5	607.7	572.2	722.9	719.5	763.1	599.4	593.9	13 19
GR GAS TEMP	A	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14 8
GR GAS TEMP	B	BV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14 9
O2 LVG ECON	R	11-172	3.1433	3.4035	3.3166	2.4253	3.6039	3.3874	2.9675	3.6871	2.5465	3.2818	6 20
O2 LVG ECON	L	11-170	3.0648	4.3089	2.7752	2.9929	3.3788	3.6773	2.9066	3.0172	3.1603	3.9055	6 21
O2 IN SEC AIR		06-254	20.69	20.71	12.38	16.44	19.94	20.76	20.74	15.98	16.27	16.21	13 29
ACCUREX NOX	PPM	06-553	267.2	487.6	258.6	154.6	404.4	659.0	328.1	282.4	181.2	216.7	13 9
ACCUREX SOX	PPM	06-555	409.1	361.5	417.2	405.3	383.0	707.1	806.7	499.3	412.0	469.6	13 10
ACCUREX CO	PPM	06-425	73.0	83.3	89.0	107.1	74.1	71.4	192.5	110.3	117.6	92.1	13 11
ACCUREX O2	%	06-554	3.0145	3.2799	2.5723	2.8670	3.2899	3.0375	2.6614	3.0512	2.9778	3.5146	13 12
BRN SEC AIR P	IN WG	06-250	23.33	22.77	28.59	10.39	10.07	24.07	23.89	27.79	11.51	11.73	14 5
BRN GAS REC P	IN WG	06-252	23.04	22.56	28.42	10.08	9.88	23.68	23.40	27.55	11.26	11.59	14 6

TEST NO.		W21	W22	W23	W24	W25	W26	W27	W28	W29	W30	
TEST SEQ. NO.		21	22	23	24	25	26	27	28	29	30	
DATE		12/03/92	12/04/92	12/04/92	12/04/92	12/05/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92	
TIME START		1859	0934	1120	1441	1157	0839	0954	1140	1337	1533	
TIME END		1953	0944	1244	1502	1300	0850	1015	1201	1501	1625	
LOAD MW		110	109	118	59	61	110	110	110	60	60	
DATA PAGE NO. 6	**AIR & GAS DATA - PLANT**											
FURNACE GAS P	IN WG	08-100	22.54	22.65	24.54	8.00	10.05	23.59	22.00	24.35	8.51	8.66	14 7
BAROMETRIC P	IN HG	PB	29.23	29.34	29.35	29.36	29.61	29.36	29.37	29.36	29.36	29.38	6 29
REL HUMIDITY	%	TST	8.7370	8.1438	8.1540	7.9192	8.0352	8.6100	8.6745	8.4024	8.1079	7.9568	6 30
DATA PAGE NO. 7	**AIR & GAS DATA - B&W**											
AMBIENT AIR TEMP		TC	107.9	101.3	105.0	109.2	101.4	100.2	107.0	110.9	115.6	117.2	7 1
AIR LVG FD FAN T	A	TC	123.1	117.7	120.4	134.8	127.2	120.6	124.0	124.9	139.4	141.3	7 6
AIR LVG FD FAN T	B	TC	127.1	121.5	123.3	139.6	132.3	123.7	126.0	127.8	142.8	143.6	7 7
AIR ENT AH	(T)	GRID	126.9	121.5	123.5	139.1	131.2	123.7	126.6	128.1	142.8	143.9	7 4
GAS LVG AH	(T)	GRID	311.4	295.6	299.8	287.6	275.5	301.4	310.4	309.3	293.2	284.8	7 10
GAS LVG ECON	(T) L	GRID	702.8	661.8	702.4	619.8	653.7	698.2	694.4	723.5	649.9	657.1	7 14
GAS LVG ECON	(T) R	GRID	725.7	685.1	726.8	643.2	596.2	725.4	718.0	769.3	614.1	620.3	7 15
GAS TEMP LVG GR FAN		GRID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13 7
O2 LVG ECON	(T) L	GRID	3.3691	4.3215	2.9779	3.2147	3.3783	3.8515	3.2098	3.4224	3.1681	3.8973	7 20
O2 LVG ECON	(T) R	GRID	3.3625	3.3550	3.0985	2.3000	3.6000	3.1930	3.3263	3.8619	2.5500	3.3174	7 21
CO LVG ECON	(T) L	GRID	64.94	65.94	74.66	61.36	12.77	36.79	99.22	84.01	97.02	34.20	13 5
CO LVG ECON	(T) R	GRID	90.6	44.2	70.0	81.0	42.2	57.3	91.0	118.4	76.5	58.8	13 6
CO2 LVG ECON	(T) L	GRID	15.89	15.27	16.39	15.87	16.07	15.69	16.22	16.02	16.19	15.61	7 22
CO2 LVG ECON	(T) R	GRID	15.51	15.80	15.94	15.36	14.38	15.56	15.42	14.97	15.25	15.59	7 23
NOX LVG ECON	(T) L	GRID	313.9	568.1	286.0	184.6	457.3	541.5	294.4	254.0	214.0	243.2	7 24
NOX LVG ECON	(T) R	GRID	257.7	502.5	261.7	161.1	427.5	524.1	248.7	230.9	203.7	231.7	7 25
O2 LVG AH	(T)	GRID	4.5412	5.1928	3.8482	4.7425	5.1466	4.9235	4.3443	4.5501	4.7512	5.3751	13 1
CO2 LVG AH	(T)	GRID	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7801	3.7765	3.7801	3.7801	13 3
O2 LVG GR FAN	(T)	GRID	6.38	6.33	0.00	0.00	0.00	9.91	11.94	2.99	20.87	35.10	13 4
DRY BULB TEMP	(T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 26
WET BULB TEMP	(T)	TST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7 27
DATA PAGE NO. 8	**FW HTR TEMPERATURES F - PLANT**											
FW HTR E EXT T		HW	745.0	745.7	759.5	648.7	644.7	742.8	741.8	745.2	648.6	646.6	8 1
FW HTR E LVG T		HW	456.9	457.7	464.9	394.1	397.1	458.1	456.4	456.8	396.0	396.2	8 5
FW HTR E ENT T		HW	384.1	385.0	390.8	334.2	336.6	385.6	384.0	384.3	336.1	336.3	8 7
FW HTR E DRN T		HW	403.5	405.3	412.3	351.2	354.0	405.0	403.5	405.1	349.2	348.4	8 13
DATA PAGE NO. 9	**FW HTR TEMPERATURES F - B&W**											
SSH PEND IN LEG	1	10-017	853.7	854.0	849.4	856.2	887.4	846.8	845.6	851.9	846.3	860.6	9 17
SSH PEND IN LEG	2	10-018	874.9	868.7	868.4	883.1	896.9	859.7	867.1	870.8	875.8	878.4	9 18
SSH PEND IN LEG	3	10-019	879.1	866.0	867.1	891.4	881.3	856.7	868.5	875.1	888.8	879.6	9 19
SSH PEND IN LEG	4	10-020	890.0	873.8	874.8	904.8	881.5	860.8	877.3	884.7	904.9	892.1	9 20
SSH PEND IN LEG	5	10-021	856.3	839.7	838.6	873.6	840.9	824.0	846.2	851.5	872.4	862.2	9 21

TEST NO.	W21	W22	W23	W24	W25	W26	W27	W28	W29	W30
TEST SEQ. NO.	21	22	23	24	25	26	27	28	29	30
DATE	12/03/92	12/04/92	12/04/92	12/04/92	12/05/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92
TIME START	1859	0934	1120	1441	1157	0839	0954	1140	1337	1533
TIME END	1953	0944	1244	1502	1300	0850	1015	1201	1501	1625
LOAD MW	110	109	118	59	61	110	110	110	60	60

DATA PAGE NO. 9 FW HTR TEMPERATURES F - B&W

SSH PEND IN LEG 6	10-033	886.0	869.2	874.9	911.4	874.6	860.2	875.4	884.6	900.8	893.7	9	22
SSH PEND IN LEG 7	10-034	879.5	863.8	876.6	905.3	877.9	869.2	865.1	883.3	886.0	883.7	9	23
SSH PEND IN LEG 8	10-035	876.7	861.4	873.4	897.1	880.2	865.9	860.0	878.9	881.2	881.6	9	24
SSH PEND IN LEG 9	10-036	878.5	866.7	874.7	889.9	891.0	869.4	864.1	877.5	877.9	880.1	9	25
SSH PEND IN LEG 10	10-037	857.7	853.9	853.4	857.8	886.0	858.6	846.9	853.5	845.4	850.9	9	26
RH PEND IN LEG 1	09-049	942.0	933.2	946.5	924.2	929.7	933.4	933.4	946.9	945.0	946.3	8	17
RH PEND IN LEG 2	09-050	933.5	923.5	939.2	914.3	913.5	920.4	920.4	935.5	930.7	931.1	8	18
RH PEND IN LEG 3	09-051	935.5	925.7	940.6	918.4	921.8	926.0	926.0	939.4	937.6	938.6	8	19
RH PEND IN LEG 4	09-052	932.2	922.3	937.4	914.4	916.1	921.5	921.1	935.5	932.6	932.9	8	20
RH PEND IN LEG 5	09-053	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8	21
RH PEND IN LEG 6	10-001	968.0	959.1	972.0	945.3	951.1	953.7	954.6	971.4	967.3	970.6	8	22
RH PEND IN LEG 7	10-002	932.1	919.7	933.1	919.9	927.9	926.6	929.7	942.0	944.8	946.7	8	23
RH PEND IN LEG 8	10-003	927.4	917.1	928.3	917.3	941.3	931.4	931.7	939.0	951.3	953.5	8	24
RH PEND IN LEG 9	10-004	942.2	933.4	946.7	924.1	930.3	933.1	933.0	947.0	945.2	946.7	8	25
RH PEND IN LEG 10	10-005	881.5	897.2	885.2	858.9	921.0	915.3	897.8	897.4	892.3	898.1	8	26
RH INTM HND HOLE R	10-038	940.0	930.0	947.3	929.9	922.7	934.0	936.0	945.2	942.2	943.3	8	27
RH INTM HND HOLE L	10-039	828.5	851.4	832.4	809.8	856.6	870.5	848.2	848.6	832.0	837.0	8	28
PSH OUT LEG T	09-017	819.5	820.9	837.8	824.1	780.5	832.8	817.1	848.7	801.9	798.1	14	11
PSH OUT LEG T	09-018	826.6	833.5	851.8	830.9	778.6	847.7	831.6	868.2	812.6	796.7	14	12
PSH OUT LEG T	09-019	775.5	814.7	811.5	762.3	749.5	844.3	782.7	819.4	735.2	737.4	14	13
PSH OUT LEG T	09-020	795.5	819.3	829.3	790.5	759.9	846.3	799.5	838.9	758.3	762.2	14	14
PSH OUT LEG T	09-021	802.8	807.0	822.0	805.6	770.9	817.2	790.8	824.7	783.1	785.8	14	15
PSH OUT LEG T	09-022	811.9	813.3	826.0	818.6	783.2	821.5	804.4	836.5	801.6	799.0	14	16
PSH OUT LEG T	09-023	805.1	817.7	833.7	811.3	757.5	837.0	814.7	855.0	787.5	773.5	14	17
PSH OUT LEG T	09-024	831.9	837.9	853.2	834.2	788.1	846.5	830.8	871.1	821.9	803.7	14	18
PSH OUT LEG T	09-025	811.8	819.5	836.7	811.2	756.4	834.8	817.0	863.0	788.8	772.5	14	19
PSH OUT LEG T	09-026	814.2	818.3	829.9	810.6	776.2	820.0	810.5	845.9	804.2	790.5	14	20
PSH OUT LEG T	09-027	818.5	823.0	836.8	812.5	779.2	825.3	816.9	849.3	807.5	795.9	14	21

DATA PAGE NO. 10 FUEL FEED DATA - PLANT

CYC A COAL FLOW KLB	05-104	26.57	38.07	29.16	17.70	31.36	36.95	25.63	25.95	18.04	19.67	10	1
CYC B COAL FLOW KLB	07-110	26.62	38.06	29.13	-.01	-.01	36.94	25.62	25.92	-.01	-.01	10	2
CYC C COAL FLOW KLB	09-110	26.55	38.04	29.14	17.68	31.35	36.96	25.61	25.93	18.02	19.64	10	3
CYC A SEC AIR FLOW %	06-170	207.3	288.0	226.7	128.9	239.6	285.2	199.8	211.3	139.0	154.3	10	16
CYC B SEC AIR FLOW %	08-170	206.3	291.7	232.3	2.6	2.3	290.3	196.9	213.3	3.2	2.5	10	17
CYC C SEC AIR FLOW %	10-170	207.1	291.2	226.0	134.7	239.3	289.0	199.5	212.8	138.8	153.9	10	18
CYC A SEC AIR T	20-002	579.8	569.7	599.0	546.0	537.3	594.9	589.3	626.8	544.0	536.9	11	1
CYC B SEC AIR T	20-003	625.3	580.5	616.1	557.9	559.2	607.6	619.3	642.2	572.3	567.0	11	2
CYC C SEC AIR T	20-004	566.2	536.7	554.7	527.6	542.5	560.9	557.1	567.0	549.5	547.3	11	3
PULV COAL FLOW KLB	06-314	35.44	.08	36.43	25.14	.08	.07	36.22	34.34	25.24	21.15	10	4
PULV PA FLOW	06-275	62.78	0.00	63.69	55.35	1.18	2.07	64.34	63.74	56.11	52.68	10	19
PULV INLET T	09-034	573.3	96.4	565.7	520.1	272.8	99.3	563.6	580.9	534.1	523.2	11	7
PULV OUTLET T	09-040	135.0	99.6	136.4	136.9	131.4	74.8	130.3	141.5	139.1	137.0	11	8

TEST NO.	W21	W22	W23	W24	W25	W26	W27	W28	W29	W30
TEST SEQ. NO.	21	22	23	24	25	26	27	28	29	30
DATE	12/03/92	12/04/92	12/04/92	12/04/92	12/05/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92
TIME START	1859	0934	1120	1441	1157	0839	0954	1140	1337	1533
TIME END	1953	0944	1244	1502	1300	0850	1015	1201	1501	1625
LOAD MW	110	109	118	59	61	110	110	110	60	60

DATA PAGE NO. 11 POWER & ELECTRICAL SYSTEM DATA

PULV DIFF P IN WG	06-274	15.40	-.16	17.51	14.11	-.03	-.01	16.36	16.43	13.51	10.98	11 9
PULV AMPS	06-276	324.4	-.1	358.2	275.8	83.1	-.1	312.3	317.7	262.4	234.5	11 10
PULV PA FAN AMPS	06-277	90.14	-.12	98.44	58.88	41.79	.11	98.39	96.19	61.80	40.08	11 11
ROT CLASS AMPS	06-278	46.66	44.28	49.68	49.91	.03	.03	47.95	49.18	49.80	47.58	11 12
ROT CLASS RPM	06-270	154.6	160.5	160.8	174.5	-.2	-.2	158.5	161.1	173.8	173.9	11 13
ROT CLASS DP IN WG	06-345	.5793	.4711	.6937	.7023	.0197	.0238	.6193	.6382	.6669	.5940	11 14
COAL SILO LEVEL	06-310	40.25	94.15	68.99	82.13	94.98	97.00	96.90	51.22	66.08	79.14	11 15
FLAME INTENSITY #1 %	06-279	106.1	50.7	106.2	106.2	1.8	3.7	106.0	106.2	106.2	106.1	11 16
FLAME INTENSITY #2 %	06-295	105.8	67.4	105.5	105.7	.9	21.9	105.8	105.6	105.8	105.8	11 17
FLAME INTENSITY #3 %	06-296	0.0	63.2	106.1	106.2	1.0	5.2	0.0	106.2	106.1	0.0	11 18
FLAME INTENSITY #4 %	06-297	105.7	6.6	105.6	105.7	4.0	5.0	105.8	105.9	105.7	106.0	11 19

DATA PAGE NO. 12 OPERATOR POSITIONS

RH SP VLV POS	15-077	42.34	41.09	56.73	-5.00	-5.00	6.20	10.80	13.70	-5.00	-5.00	12 1
SH SP VLV POS R	13-190	41.74	67.95	62.39	37.52	30.38	84.42	55.76	72.92	40.06	30.63	12 3
SH SP VLV POS L	13-191	44.05	69.33	58.36	43.79	33.08	77.88	55.22	66.58	42.57	38.08	12 4
GR DMPR DEMAND	16-044	-5.00	-5.00	-5.00	77.02	89.31	-5.00	-5.00	-5.00	61.68	55.03	12 9
RECIRC AIR DMPR POS	12-176	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12 13
SH PASS DMPR POS	14-180	53.1	100.0	100.0	38.2	.1	100.0	100.0	100.0	28.0	23.8	12 15
RH PASS DMPR POS	14-180	100.0	92.3	46.2	100.0	100.0	31.2	30.8	3.3	100.0	100.0	12 16
OVRFIRE AIR DMPR POS	06-115	49.28	9.00	58.73	32.53	9.00	9.00	46.43	60.18	32.53	32.36	12 17
BRN SEC AIR DMPR POS	06-286	39.59	36.18	34.23	39.89	35.02	36.85	44.32	38.62	41.00	40.49	12 18
HOT PRI AIR DMPR POS	06-556	90.2	0.0	99.5	99.6	0.0	0.0	90.2	90.2	100.0	100.0	12 19
BRN GAS REC DMPR POS	06-324	0.00	0.00	39.12	25.07	0.00	0.00	0.00	32.55	25.08	25.08	12 20

DATA PAGE NO. 15 MISCELLANEOUS DATA

GAS LVG SH PASS 1A	08-003	-499.4	-529.3	-546.0	-371.7	-369.4	-567.4	-556.9	-552.7	-341.7	-349.8	15 1
GAS LVG SH PASS 1B	08-004	710.7	685.0	744.3	614.1	568.9	734.2	737.0	789.5	595.8	594.7	15 2
GAS LVG SH PASS 1C	08-005	728.8	694.9	759.7	622.6	574.2	743.6	753.7	812.0	611.8	607.5	15 3
GAS LVG SH PASS 1D	08-006	776.4	740.7	785.1	657.5	609.6	770.9	775.9	824.5	652.7	649.5	15 4
GAS LVG SH PASS 2A	08-017	651.9	644.6	672.6	568.6	540.6	686.3	670.5	703.6	556.4	555.9	15 5
GAS LVG SH PASS 2B	08-018	667.7	654.3	691.3	589.0	556.7	697.3	690.1	730.8	574.4	571.5	15 6
GAS LVG SH PASS 2C	08-019	677.8	656.5	704.7	590.4	554.9	703.2	699.1	746.7	579.1	574.5	15 7
GAS LVG SH PASS 2D	08-020	718.3	691.1	741.2	616.0	584.3	726.1	725.6	775.3	612.4	606.5	15 8
GAS LVG SH PASS 3A	08-021	701.7	687.5	716.7	604.4	577.4	730.2	714.9	743.3	595.9	591.6	15 9
GAS LVG SH PASS 3B	08-022	703.7	687.0	718.7	611.9	584.1	722.3	719.7	750.0	600.9	597.4	15 10
GAS LVG SH PASS 3C	08-023	688.1	667.0	710.9	602.2	572.0	714.9	709.0	755.6	590.7	589.4	15 11
GAS LVG SH PASS 3D	08-024	-604.7	-589.5	-645.6	-499.8	-475.4	-643.0	-624.0	-673.7	-481.8	-475.7	15 12
GAS LVG RH PASS 4A	08-033	651.3	635.4	655.4	581.1	631.1	663.3	657.5	672.4	616.0	621.8	15 13
GAS LVG RH PASS 4B	08-034	689.7	641.0	670.5	600.6	645.1	672.7	670.7	688.7	643.1	647.2	15 14
GAS LVG RH PASS 4C	08-035	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 15

TEST NO.		W21	W22	W23	W24	W25	W26	W27	W28	W29	W30
TEST SEQ. NO.		21	22	23	24	25	26	27	28	29	30
DATE		12/03/92	12/04/92	12/04/92	12/04/92	12/05/92	12/07/92	12/07/92	12/07/92	12/07/92	12/07/92
TIME START		1859	0934	1120	1441	1157	0839	0954	1140	1337	1533
TIME END		1953	0944	1244	1502	1300	0850	1015	1201	1501	1625
LOAD MW		110	109	118	59	61	110	110	110	60	60

DATA PAGE NO. 15 MISCELLANEOUS DATA

GAS LVG RH PASS	4D	08-036	760.0	682.1	728.3	644.0	658.8	699.7	697.6	718.3	670.1	680.1	15 16
GAS LVG RH PASS	5A	08-049	638.2	618.2	637.4	565.4	619.6	647.5	638.4	650.8	599.8	604.0	15 17
GAS LVG RH PASS	5B	08-050	659.2	630.3	653.6	580.8	629.5	654.4	649.5	664.3	615.8	623.1	15 18
GAS LVG RH PASS	5C	08-051	699.6	646.9	677.4	609.1	638.3	665.0	660.6	680.5	635.4	645.7	15 19
GAS LVG RH PASS	5D	08-052	697.4	640.8	676.0	602.0	622.4	653.6	651.3	669.3	623.8	629.6	15 20
GAS LVG RH PASS	6A	08-053	650.6	628.1	645.2	581.4	625.9	659.4	648.8	660.3	614.9	621.7	15 21
GAS LVG RH PASS	6B	08-054	675.7	649.2	667.6	604.3	642.4	674.5	666.2	681.9	637.1	641.8	15 22
GAS LVG RH PASS	6C	08-055	678.8	648.4	672.0	605.3	636.2	669.4	662.7	681.8	634.0	641.7	15 23
GAS LVG RH PASS	6D	08-056	690.2	663.9	688.3	609.3	632.5	672.7	660.4	680.2	627.7	635.5	15 24
			0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15 27
RIGHT = A = W			21.00	22.00	23.00	24.00	25.00	26.00	27.00	28.00	29.00	30.00	15 28

APPENDIX NO. 12

Air Heater Performance Calculations

SEC AH
TEST 5P : 05/18/92 : 1050-1406 : 110 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1018	AIR WT LVG =	923	919	MOIST =	5.1
GAS TEMP ENT =	676	661	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		7.44	GAS TEMP LVG =		297	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	540		

SEC AH
TEST 5P : 05/18/92 : 1050-1406 : 110 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1020	AIR WT LVG =	923	921	MOIST =	5.1
GAS TEMP ENT =	676	661	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		7.44	GAS TEMP LVG =		297	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	540		

SEC AH
TEST 6P : 05/19/92 : 0922-1212 : 110 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1010	AIR WT LVG =	923	912	MOIST =	5.1
GAS TEMP ENT =	676	662	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		8.14	GAS TEMP LVG =		296	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	540		

SEC AH
TEST 6P : 05/19/92 : 0922-1212 : 110 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1013	AIR WT LVG =	923	915	MOIST =	5.1
GAS TEMP ENT =	676	662	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		8.14	GAS TEMP LVG =		296	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	540		

SEC AH
TEST 8P : 05/20/92 : 0932-1238 : 109 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	990	AIR WT LVG =	923	894	MOIST =	5.1
GAS TEMP ENT =	676	648	GAS TEMP LVG =	315	304	EXCL. LKG	
AH LKG, %		9.00	GAS TEMP LVG =		290	INCL. LKG	
			AVE COLD END =	220	215		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	530		

SEC AH
TEST 8P : 05/20/92 : 0932-1238 : 109 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	994	AIR WT LVG =	923	898	MOIST =	5.1
GAS TEMP ENT =	676	648	GAS TEMP LVG =	315	304	EXCL. LKG	
AH LKG, %		9.00	GAS TEMP LVG =		290	INCL. LKG	
			AVE COLD END =	220	215		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	530		

SEC AH
TEST 1P : 05/16/92 : 1056-1311 : 80 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	729	AIR WT LVG =	923	658	MOIST =	5.1
GAS TEMP ENT =	676	604	GAS TEMP LVG =	315	280	EXCL. LKG	
AH LKG, %		6.87	GAS TEMP LVG =		270	INCL. LKG	
			AVE COLD END =	220	203		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	505		

SEC AH
TEST 1P : 05/16/92 : 1056-1311 : 80 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	727	AIR WT LVG =	923	656	MOIST =	5.1
GAS TEMP ENT =	676	604	GAS TEMP LVG =	315	279	EXCL. LKG	
AH LKG, %		6.87	GAS TEMP LVG =		270	INCL. LKG	
			AVE COLD END =	220	203		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	505		

SEC AH
TEST 7P : 05/19/92 : 1429-1721 : 82 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	739	AIR WT LVG =	923	667	MOIST =	5.1
GAS TEMP ENT =	676	625	GAS TEMP LVG =	315	287	EXCL. LKG	
AH LKG, %		7.22	GAS TEMP LVG =		276	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	522		

SEC AH
TEST 7P : 05/19/92 : 1429-1721 : 82 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	738	AIR WT LVG =	923	667	MOIST =	5.1
GAS TEMP ENT =	676	625	GAS TEMP LVG =	315	287	EXCL. LKG	
AH LKG, %		7.22	GAS TEMP LVG =		276	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	522		

SEC AH
TEST 9P : 05/20/92 : 1435-1642 : 82 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	735	AIR WT LVG =	923	664	MOIST =	5.1
GAS TEMP ENT =	676	622	GAS TEMP LVG =	315	286	EXCL. LKG	
AH LKG, %		8.24	GAS TEMP LVG =		274	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	519		

SEC AH
TEST 9P : 05/20/92 : 1435-1642 : 82 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	743	AIR WT LVG =	923	671	MOIST =	5.1
GAS TEMP ENT =	676	622	GAS TEMP LVG =	315	286	EXCL. LKG	
AH LKG, %		8.24	GAS TEMP LVG =		274	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	519		

SEC AH
TEST 2P : 05/16/92 : 1608-1844 : 58 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	533	AIR WT LVG =	923	482	MOIST =	5.1
GAS TEMP ENT =	676	573	GAS TEMP LVG =	315	261	EXCL. LKG	
AH LKG, %		7.58	GAS TEMP LVG =		252	INCL. LKG	
			AVE COLD END =	220	193		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	488		

SEC AH
TEST 2P : 05/16/92 : 1608-1844 : 58 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	541	AIR WT LVG =	923	489	MOIST =	5.1
GAS TEMP ENT =	676	573	GAS TEMP LVG =	315	261	EXCL. LKG	
AH LKG, %		7.58	GAS TEMP LVG =		252	INCL. LKG	
			AVE COLD END =	220	193		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	488		

SEC AH
TEST 3P : 05/17/92 : 0933-1127 : 58 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	526	AIR WT LVG =	923	475	MOIST =	5.1
GAS TEMP ENT =	676	574	GAS TEMP LVG =	315	261	EXCL. LKG	
AH LKG, %		7.91	GAS TEMP LVG =		251	INCL. LKG	
			AVE COLD END =	220	193		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	490		

SEC AH
TEST 3P : 05/17/92 : 0933-1127 : 58 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	534	AIR WT LVG =	923	482	MOIST =	5.1
GAS TEMP ENT =	676	574	GAS TEMP LVG =	315	261	EXCL. LKG	
AH LKG, %		7.91	GAS TEMP LVG =		252	INCL. LKG	
			AVE COLD END =	220	193		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	489		

SEC AH
TEST 4P : 05/17/92 : 1419-1650 : 58 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	526	AIR WT LVG =	923	475	MOIST =	5.2
GAS TEMP ENT =	676	565	GAS TEMP LVG =	315	258	EXCL. LKG	
AH LKG, %		7.48	GAS TEMP LVG =		249	INCL. LKG	
			AVE COLD END =	220	192		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	482		

SEC AH
TEST 4P : 05/17/92 : 1419-1650 : 58 MW : FINAL PERFORMANCE TESTS
JDR-071392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	536	AIR WT LVG =	923	484	MOIST =	5.2
GAS TEMP ENT =	676	565	GAS TEMP LVG =	315	259	EXCL. LKG	
AH LKG, %		7.48	GAS TEMP LVG =		250	INCL. LKG	
			AVE COLD END =	220	192		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	482		

SEC AH
TEST F1 : 09/28/92 : 1446-1702 : 77 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	698	AIR WT LVG =	923	630	MOIST =	5.1
GAS TEMP ENT =	676	631	GAS TEMP LVG =	315	287	EXCL. LKG	
AH LKG, %		8.03	GAS TEMP LVG =		276	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	529		

SEC AH
TEST F1 : 09/28/92 : 1446-1702 : 77 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	697	AIR WT LVG =	923	629	MOIST =	5.1
GAS TEMP ENT =	676	631	GAS TEMP LVG =	315	287	EXCL. LKG	
AH LKG, %		8.03	GAS TEMP LVG =		276	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	529		

SEC AH
TEST F2 : 09/28/92 : 1057-1302 : 110 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	993	AIR WT LVG =	923	897	MOIST =	5.1
GAS TEMP ENT =	676	671	GAS TEMP LVG =	315	312	EXCL. LKG	
AH LKG, %		6.15	GAS TEMP LVG =		302	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	548		

SEC AH
TEST F2 : 09/28/92 : 1057-1302 : 110 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	996	AIR WT LVG =	923	900	MOIST =	5.1
GAS TEMP ENT =	676	671	GAS TEMP LVG =	315	312	EXCL. LKG	
AH LKG, %		6.15	GAS TEMP LVG =		302	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	548		

SEC AH
TEST F3 : 09/28/92 : 1920-2104 : 110 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1002	AIR WT LVG =	923	905	MOIST =	5.1
GAS TEMP ENT =	676	697	GAS TEMP LVG =	315	322	EXCL. LKG	
AH LKG, %		6.41	GAS TEMP LVG =		310	INCL. LKG	
			AVE COLD END =	220	224		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	569		

SEC AH
TEST F3 : 09/28/92 : 1920-2104 : 110 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1005	AIR WT LVG =	923	908	MOIST =	5.1
GAS TEMP ENT =	676	697	GAS TEMP LVG =	315	322	EXCL. LKG	
AH LKG, %		6.41	GAS TEMP LVG =		311	INCL. LKG	
			AVE COLD END =	220	224		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	569		

SEC AH
TEST F4 : 09/29/92 : 1333-1545 : 77 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	699	AIR WT LVG =	923	631	MOIST =	5.1
GAS TEMP ENT =	676	639	GAS TEMP LVG =	315	290	EXCL. LKG	
AH LKG, %		8.39	GAS TEMP LVG =		277	INCL. LKG	
			AVE COLD END =	220	208		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	535		

SEC AH
TEST F4 : 09/29/92 : 1333-1545 : 77 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	696	AIR WT LVG =	923	629	MOIST =	5.1
GAS TEMP ENT =	676	639	GAS TEMP LVG =	315	289	EXCL. LKG	
AH LKG, %		8.39	GAS TEMP LVG =		277	INCL. LKG	
			AVE COLD END =	220	208		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	535		

SEC AH
TEST F5 : 09/29/92 : 1708-1913 : 110 MW

JDR-102792

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	994	AIR WT LVG =	923	898	MOIST = 5.1
GAS TEMP ENT =	676	699	GAS TEMP LVG =	315	322	EXCL. LKG
AH LKG, %		6.35	GAS TEMP LVG =		311	INCL. LKG
			AVE COLD END =	220	224	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	571	

SEC AH
TEST F5 : 09/29/92 : 1708-1913 : 110 MW

JDR-102792

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	998	AIR WT LVG =	923	901	MOIST = 5.1
GAS TEMP ENT =	676	699	GAS TEMP LVG =	315	322	EXCL. LKG
AH LKG, %		6.35	GAS TEMP LVG =		311	INCL. LKG
			AVE COLD END =	220	224	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	571	

SEC AH
TEST F6 : 09/30/92 : 1235-1429 : 52 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	497	AIR WT LVG =	923	449	MOIST =	5.1
GAS TEMP ENT =	676	573	GAS TEMP LVG =	315	259	EXCL. LKG	
AH LKG, %		10.67	GAS TEMP LVG =		247	INCL. LKG	
			AVE COLD END =	220	192		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	490		

SEC AH
TEST F6 : 09/30/92 : 1235-1429 : 52 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	496	AIR WT LVG =	923	448	MOIST =	5.1
GAS TEMP ENT =	676	573	GAS TEMP LVG =	315	259	EXCL. LKG	
AH LKG, %		10.67	GAS TEMP LVG =		247	INCL. LKG	
			AVE COLD END =	220	192		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	490		

SEC AH
TEST F7 : 09/30/92 : 1713-1846 : 83 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	740	AIR WT LVG =	923	668	MOIST =	5.1
GAS TEMP ENT =	676	626	GAS TEMP LVG =	315	287	EXCL. LKG	
AH LKG, %		7.00	GAS TEMP LVG =		277	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	522		

SEC AH
TEST F7 : 09/30/92 : 1713-1846 : 83 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	741	AIR WT LVG =	923	669	MOIST =	5.1
GAS TEMP ENT =	676	626	GAS TEMP LVG =	315	287	EXCL. LKG	
AH LKG, %		7.00	GAS TEMP LVG =		277	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	522		

SEC AH
TEST F8 : 09/30/92 : 2005-2138 : 82 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	739	AIR WT LVG =	923	668	MOIST =	5.1
GAS TEMP ENT =	676	643	GAS TEMP LVG =	315	293	EXCL. LKG	
AH LKG, %		7.06	GAS TEMP LVG =		282	INCL. LKG	
			AVE COLD END =	220	209		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	536		

SEC AH
TEST F8 : 09/30/92 : 2005-2138 : 82 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	741	AIR WT LVG =	923	669	MOIST =	5.1
GAS TEMP ENT =	676	643	GAS TEMP LVG =	315	293	EXCL. LKG	
AH LKG, %		7.06	GAS TEMP LVG =		282	INCL. LKG	
			AVE COLD END =	220	209		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	536		

SEC AH
TEST F9 : 10/01/92 : 2245-0039 : 54 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	507	AIR WT LVG =	923	458	MOIST =	5.1
GAS TEMP ENT =	676	581	GAS TEMP LVG =	315	262	EXCL. LKG	
AH LKG, %		10.33	GAS TEMP LVG =		250	INCL. LKG	
			AVE COLD END =	220	194		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	496		

SEC AH
TEST F10 : 10/02/92 : 0210-0354 : 82 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT -	1022	746	AIR WT LVG -	923	674	MOIST -	5.1
GAS TEMP ENT -	676	635	GAS TEMP LVG -	315	290	EXCL. LKG	
AH LKG, %		6.87	GAS TEMP LVG -		280	INCL. LKG	
			AVE COLD END -	220	208		
AIR TEMP ENT -	126	126	AIR TEMP LVG -	552	529		

SEC AH
TEST F10 : 10/02/92 : 0210-0354 : 82 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT -	1022	745	AIR WT LVG -	923	673	MOIST -	5.1
GAS TEMP ENT -	676	635	GAS TEMP LVG -	315	290	EXCL. LKG	
AH LKG, %		6.87	GAS TEMP LVG -		280	INCL. LKG	
			AVE COLD END -	220	208		
AIR TEMP ENT -	126	126	AIR TEMP LVG -	552	529		

SEC AH
TEST F11 : 10/03/92 : 0523-0707 : 37 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	377	AIR WT LVG =	923	340	MOIST =	5.1
GAS TEMP ENT =	676	555	GAS TEMP LVG =	315	247	EXCL. LKG	
AH LKG, %		12.05	GAS TEMP LVG =		234	INCL. LKG	
			AVE COLD END =	220	186		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	482		

SEC AH
TEST F11 : 10/03/92 : 0523-0707 : 37 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	383	AIR WT LVG =	923	346	MOIST =	5.1
GAS TEMP ENT =	676	555	GAS TEMP LVG =	315	247	EXCL. LKG	
AH LKG, %		12.05	GAS TEMP LVG =		234	INCL. LKG	
			AVE COLD END =	220	186		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	482		

SEC AH
TEST F12 : 10/02/92 : 2248-0043 : 58 MW

JDR-102792

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	530	AIR WT LVG =	923	478	MOIST = 5.1
GAS TEMP ENT =	676	595	GAS TEMP LVG =	315	267	EXCL. LKG
AH LKG, %		9.36	GAS TEMP LVG =		256	INCL. LKG
			AVE COLD END =	220	197	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	507	

SEC AH
TEST F12 : 10/02/92 : 2248-0043 : 58 MW

JDR-102792

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	538	AIR WT LVG =	923	486	MOIST = 5.1
GAS TEMP ENT =	676	595	GAS TEMP LVG =	315	268	EXCL. LKG
AH LKG, %		9.36	GAS TEMP LVG =		256	INCL. LKG
			AVE COLD END =	220	197	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	507	

SEC AH
TEST F13 : 10/03/92 : 0126-0310 : 58 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	538	AIR WT LVG =	923	486	MOIST =	5.1
GAS TEMP ENT =	676	586	GAS TEMP LVG =	315	265	EXCL. LKG	
AH LKG, %		9.19	GAS TEMP LVG =		254	INCL. LKG	
			AVE COLD END =	220	195		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	499		

SEC AH
TEST F13 : 10/03/92 : 0126-0310 : 58 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	536	AIR WT LVG =	923	484	MOIST =	5.1
GAS TEMP ENT =	676	586	GAS TEMP LVG =	315	265	EXCL. LKG	
AH LKG, %		9.19	GAS TEMP LVG =		254	INCL. LKG	
			AVE COLD END =	220	195		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	499		

SEC AH
TEST F14 : 10/03/92 : 2127-2322 : 38 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	386	AIR WT LVG =	923	348	MOIST =	5.1
GAS TEMP ENT =	676	545	GAS TEMP LVG =	315	244	EXCL. LKG	
AH LKG, %		13.25	GAS TEMP LVG =		231	INCL. LKG	
			AVE COLD END =	220	185		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	473		

SEC AH
TEST F14 : 10/03/92 : 2127-2322 : 38 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	385	AIR WT LVG =	923	347	MOIST =	5.1
GAS TEMP ENT =	676	545	GAS TEMP LVG =	315	244	EXCL. LKG	
AH LKG, %		13.25	GAS TEMP LVG =		231	INCL. LKG	
			AVE COLD END =	220	185		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	473		

SEC AH
TEST F15 : 10/04/92 : 0056-0254 : 59 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	543	AIR WT LVG =	923	490	MOIST =	5.1
GAS TEMP ENT =	676	588	GAS TEMP LVG =	315	266	EXCL. LKG	
AH LKG, %		10.18	GAS TEMP LVG =		254	INCL. LKG	
			AVE COLD END =	220	196		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	501		

SEC AH
TEST F15 : 10/04/92 : 0056-0254 : 59 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	551	AIR WT LVG =	923	498	MOIST =	5.1
GAS TEMP ENT =	676	588	GAS TEMP LVG =	315	267	EXCL. LKG	
AH LKG, %		10.18	GAS TEMP LVG =		254	INCL. LKG	
			AVE COLD END =	220	196		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	500		

SEC AH
TEST F16 : 10/04/92 : 2025-2220 : 38 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	385	AIR WT LVG =	923	348	MOIST =	5.1
GAS TEMP ENT =	676	522	GAS TEMP LVG =	315	238	EXCL. LKG	
AH LKG, %		13.84	GAS TEMP LVG =		225	INCL. LKG	
			AVE COLD END =	220	182		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	453		

SEC AH
TEST F17 : 10/05/92 : 0004-0200 : 59 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	545	AIR WT LVG =	923	492	MOIST =	5.1
GAS TEMP ENT =	676	603	GAS TEMP LVG =	315	271	EXCL. LKG	
AH LKG, %		11.13	GAS TEMP LVG =		257	INCL. LKG	
			AVE COLD END =	220	198		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	512		

SEC AH
TEST F17 : 10/05/92 : 0004-0200 : 59 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	548	AIR WT LVG =	923	495	MOIST =	5.1
GAS TEMP ENT =	676	603	GAS TEMP LVG =	315	271	EXCL. LKG	
AH LKG, %		11.13	GAS TEMP LVG =		257	INCL. LKG	
			AVE COLD END =	220	198		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	512		

SEC AH
TEST F18 : 10/05/92 : 0243-0427 : 59 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	549	AIR WT LVG =	923	496	MOIST =	5.1
GAS TEMP ENT =	676	612	GAS TEMP LVG =	315	274	EXCL. LKG	
AH LKG, %		9.81	GAS TEMP LVG =		261	INCL. LKG	
			AVE COLD END =	220	200		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	520		

SEC AH
TEST F18 : 10/05/92 : 0243-0427 : 59 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	548	AIR WT LVG =	923	495	MOIST =	5.1
GAS TEMP ENT =	676	612	GAS TEMP LVG =	315	274	EXCL. LKG	
AH LKG, %		9.81	GAS TEMP LVG =		261	INCL. LKG	
			AVE COLD END =	220	200		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	520		

SEC AH
TEST F19 : 10/05/92 : 2205-0000 : 110 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	999	AIR WT LVG =	923	902	MOIST =	5.1
GAS TEMP ENT =	676	703	GAS TEMP LVG =	315	324	EXCL. LKG	
AH LKG, %		7.03	GAS TEMP LVG =		311	INCL. LKG	
			AVE COLD END =	220	225		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	574		

SEC AH
TEST F19 : 10/05/92 : 2205-0000 : 110 MW

JDR-102792

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1004	AIR WT LVG =	923	907	MOIST =	5.1
GAS TEMP ENT =	676	703	GAS TEMP LVG =	315	324	EXCL. LKG	
AH LKG, %		7.03	GAS TEMP LVG =		311	INCL. LKG	
			AVE COLD END =	220	225		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	574		

SEC AH
TEST W1 : 11/16/92 : 0900-1127 : 109 MW

JDR-121692

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1010	AIR WT LVG =	923	912	MOIST =	5.0
GAS TEMP ENT =	676	709	GAS TEMP LVG =	315	326	EXCL. LKG	
AH LKG, %		7.92	GAS TEMP LVG =		312	INCL. LKG	
			AVE COLD END =	220	226		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	578		

SEC AH
TEST W1 : 11/16/92 : 0900-1127 : 109 MW

JDR-121692

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1012	AIR WT LVG =	923	914	MOIST =	5.0
GAS TEMP ENT =	676	709	GAS TEMP LVG =	315	326	EXCL. LKG	
AH LKG, %		7.92	GAS TEMP LVG =		312	INCL. LKG	
			AVE COLD END =	220	226		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	578		

SEC AH
TEST W2 : 11/16/92 : 1403-1559 : 78 MW

JDR-121692

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	703	AIR WT LVG =	923	635	MOIST =	5.0
GAS TEMP ENT =	676	622	GAS TEMP LVG =	315	284	EXCL. LKG	
AH LKG, %		7.46	GAS TEMP LVG =		274	INCL. LKG	
			~~AVE COLD END =~~	~~220~~	~~205~~		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	521		

SEC AH
TEST W2 : 11/16/92 : 1403-1559 : 78 MW

JDR-121692

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	700	AIR WT LVG =	923	632	MOIST =	5.0
GAS TEMP ENT =	676	622	GAS TEMP LVG =	315	284	EXCL. LKG	
AH LKG, %		7.46	GAS TEMP LVG =		274	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	521		

SEC AH
TEST W3 : 11/17/92 : 1136-1329 : 110 MW

JDR-121692

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1036	AIR WT LVG =	923	936	MOIST =	5.1
GAS TEMP ENT =	676	739	GAS TEMP LVG =	315	338	EXCL. LKG	
AH LKG, %		5.07	GAS TEMP LVG =		328	INCL. LKG	
			AVE COLD END =	220	232		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	602		

SEC AH
TEST W3 : 11/17/92 : 1136-1329 : 110 MW

JDR-121692

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1042	AIR WT LVG =	923	941	MOIST =	5.1
GAS TEMP ENT =	676	739	GAS TEMP LVG =	315	338	EXCL. LKG	
AH LKG, %		5.07	GAS TEMP LVG =		328	INCL. LKG	
			AVE COLD END =	220	232		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	602		

SEC AH
TEST W4 : 11/19/92 : 0823-1017 : 110 MW

JDR-121692

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1005	AIR WT LVG =	923	908	MOIST =	5.1
GAS TEMP ENT =	676	699	GAS TEMP LVG =	315	322	EXCL. LKG	
AH LKG, %		8.28	GAS TEMP LVG =		308	INCL. LKG	
			AVE COLD END =	220	224		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	571		

SEC AH
TEST W4 : 11/19/92 : 0823-1017 : 110 MW

JDR-121692

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1012	AIR WT LVG =	923	914	MOIST =	5.1
GAS TEMP ENT =	676	699	GAS TEMP LVG =	315	323	EXCL. LKG	
AH LKG, %		8.28	GAS TEMP LVG =		308	INCL. LKG	
			AVE COLD END =	220	224		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	570		

SEC AH
TEST W5 : 11/19/92 : 1223-1407 : 110 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1032	AIR WT LVG =	923	932	MOIST =	5.1
GAS TEMP ENT =	676	716	GAS TEMP LVG =	315	330	EXCL. LKG	
AH LKG, %		7.27	GAS TEMP LVG =		316	INCL. LKG	
			AVE COLD END =	220	228		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	583		

SEC AH
TEST W5 : 11/19/92 : 1223-1407 : 110 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1036	AIR WT LVG =	923	936	MOIST =	5.1
GAS TEMP ENT =	676	716	GAS TEMP LVG =	315	330	EXCL. LKG	
AH LKG, %		7.27	GAS TEMP LVG =		316	INCL. LKG	
			AVE COLD END =	220	228		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	583		

SEC AH
TEST W6 : 11/19/92 : 1541-1725 : 83 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	737	AIR WT LVG =	923	666	MOIST =	5.1
GAS TEMP ENT =	676	658	GAS TEMP LVG =	315	298	EXCL. LKG	
AH LKG, %		5.97	GAS TEMP LVG =		288	INCL. LKG	
			AVE COLD END =	220	212		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	549		

SEC AH
TEST W6 : 11/19/92 : 1541-1725 : 83 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	738	AIR WT LVG =	923	667	MOIST =	5.1
GAS TEMP ENT =	676	658	GAS TEMP LVG =	315	298	EXCL. LKG	
AH LKG, %		5.97	GAS TEMP LVG =		288	INCL. LKG	
			AVE COLD END =	220	212		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	549		

SEC AH
TEST W7 : 11/20/92 : 1354-1558 : 61 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	548	AIR WT LVG =	923	495	MOIST =	5.1
GAS TEMP ENT =	676	608	GAS TEMP LVG =	315	273	EXCL. LKG	
AH LKG, %		9.69	GAS TEMP LVG =		260	INCL. LKG	
			AVE COLD END =	220	199		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	517		

SEC AH
TEST W8 : 11/20/92 : 1753-1904 : 81 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT -	1022	722	AIR WT LVG -	923	652	MOIST -	5.1
GAS TEMP ENT -	676	647	GAS TEMP LVG -	315	293	EXCL. LKG	
AH LKG, %		7.54	GAS TEMP LVG -		282	INCL. LKG	
			AVE COLD END -	220	209		
AIR TEMP ENT -	126	126	AIR TEMP LVG -	552	540		

SEC AH
TEST W9 : 11/20/92 : 2022-2107 : 42 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	406	AIR WT LVG =	923	367	MOIST =	5.0
GAS TEMP ENT =	676	586	GAS TEMP LVG =	315	258	EXCL. LKG	
AH LKG, %		12.98	GAS TEMP LVG =		243	INCL. LKG	
			AVE COLD END =	220	192		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	507		

SEC AH
TEST W9 : 11/20/92 : 2022-2107 : 42 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	405	AIR WT LVG =	923	366	MOIST =	5.0
GAS TEMP ENT =	676	586	GAS TEMP LVG =	315	258	EXCL. LKG	
AH LKG, %		12.98	GAS TEMP LVG =		243	INCL. LKG	
			AVE COLD END =	220	192		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	507		

SEC AH
TEST W10 : 11/30/92 : 1403-1515 : 83 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	736	AIR WT LVG =	923	665	MOIST =	5.1
GAS TEMP ENT =	676	661	GAS TEMP LVG =	315	298	EXCL. LKG	
AH LKG, %		6.69	GAS TEMP LVG =		288	INCL. LKG	
			AVE COLD END =	220	212		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	551		

SEC AH
TEST W10 : 11/30/92 : 1403-1515 : 83 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	738	AIR WT LVG =	923	667	MOIST =	5.1
GAS TEMP ENT =	676	661	GAS TEMP LVG =	315	298	EXCL. LKG	
AH LKG, %		6.69	GAS TEMP LVG =		288	INCL. LKG	
			AVE COLD END =	220	212		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	551		

SEC AH
TEST W11 : 11/30/92 : 1627-1729 : 83 MW

JDR-122192

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	744	AIR WT LVG =	923	672	MOIST = 5.1
GAS TEMP ENT =	676	663	GAS TEMP LVG =	315	299	EXCL. LKG
AH LKG, %		7.21	GAS TEMP LVG =		288	INCL. LKG
			AVE COLD END =	220	213	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	552	

SEC AH
TEST W12 : 12/01/92 : 0839-1004 : 109 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1014	AIR WT LVG =	923	916	MOIST =	5.1
GAS TEMP ENT =	676	728	GAS TEMP LVG =	315	333	EXCL. LKG	
AH LKG, %		7.79	GAS TEMP LVG =		318	INCL. LKG	
			AVE COLD END =	220	229		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	593		

SEC AH
TEST W12 : 12/01/92 : 0839-1004 : 109 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1020	AIR WT LVG =	923	921	MOIST =	5.1
GAS TEMP ENT =	676	728	GAS TEMP LVG =	315	333	EXCL. LKG	
AH LKG, %		7.79	GAS TEMP LVG =		319	INCL. LKG	
			AVE COLD END =	220	229		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	593		

SEC AH
TEST W13 : 12/01/92 : 1129-1230 : 110 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1027	AIR WT LVG =	923	928	MOIST =	5.0
GAS TEMP ENT =	676	757	GAS TEMP LVG =	315	343	EXCL. LKG	
AH LKG, %		4.87	GAS TEMP LVG =		334	INCL. LKG	
			AVE COLD END =	220	235		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	616		

SEC AH
TEST W13 : 12/01/92 : 1129-1230 : 110 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1035	AIR WT LVG =	923	935	MOIST =	5.0
GAS TEMP ENT =	676	757	GAS TEMP LVG =	315	344	EXCL. LKG	
AH LKG, %		4.87	GAS TEMP LVG =		334	INCL. LKG	
			AVE COLD END =	220	235		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	616		

SEC AH
TEST W14 : 12/01/92 : 1449-1602 : 56 MW

JDR-122192

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	517	AIR WT LVG =	923	467	MOIST = 5.1
GAS TEMP ENT =	676	609	GAS TEMP LVG =	315	271	EXCL. LKG
AH LKG, %		9.01	GAS TEMP LVG =		260	INCL. LKG
			AVE COLD END =	220	198	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	519	

SEC AH
TEST W14 : 12/01/92 : 1449-1602 : 56 MW

JDR-122192

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	516	AIR WT LVG =	923	466	MOIST = 5.1
GAS TEMP ENT =	676	609	GAS TEMP LVG =	315	271	EXCL. LKG
AH LKG, %		9.01	GAS TEMP LVG =		259	INCL. LKG
			AVE COLD END =	220	198	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	519	

SEC AH
TEST W15 : 12/02/92 : 0821-0831 : 108 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1006	AIR WT LVG =	923	909	MOIST =	5.1
GAS TEMP ENT =	676	697	GAS TEMP LVG =	315	322	EXCL. LKG	
AH LKG, %		8.28	GAS TEMP LVG =		307	INCL. LKG	
			AVE COLD END =	220	224		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	569		

SEC AH
TEST W15 : 12/02/92 : 0821-0831 : 108 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1010	AIR WT LVG =	923	912	MOIST =	5.1
GAS TEMP ENT =	676	697	GAS TEMP LVG =	315	322	EXCL. LKG	
AH LKG, %		8.28	GAS TEMP LVG =		307	INCL. LKG	
			AVE COLD END =	220	224		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	569		

SEC AH
TEST W16 : 12/02/92 : 1059-1223 : 109 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1024	AIR WT LVG =	923	924	MOIST =	5.1
GAS TEMP ENT =	676	741	GAS TEMP LVG =	315	338	EXCL. LKG	
AH LKG, %		4.98	GAS TEMP LVG =		328	INCL. LKG	
			~~AVE COLD END =~~	~~220~~	~~232~~		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	604		

SEC AH
TEST W16 : 12/02/92 : 1059-1223 : 109 MW

JDR-122192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1033	AIR WT LVG =	923	933	MOIST =	5.1
GAS TEMP ENT =	676	741	GAS TEMP LVG =	315	338	EXCL. LKG	
AH LKG, %		4.98	GAS TEMP LVG =		329	INCL. LKG	
			AVE COLD END =	220	232		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	603		

SEC AH
TEST W17 : 12/02/92 : 1357-1521 : 109 MW

JDR-122192

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	1021	AIR WT LVG =	923	922	MOIST = 5.1
GAS TEMP ENT =	676	738	GAS TEMP LVG =	315	337	EXCL. LKG
AH LKG, %		4.39	GAS TEMP LVG =		328	INCL. LKG
			AVE COLD END =	220	231	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	602	

SEC AH
TEST W17 : 12/02/92 : 1357-1521 : 109 MW

JDR-122192

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	1030	AIR WT LVG =	923	931	MOIST = 5.1
GAS TEMP ENT =	676	738	GAS TEMP LVG =	315	337	EXCL. LKG
AH LKG, %		4.39	GAS TEMP LVG =		329	INCL. LKG
			AVE COLD END =	220	231	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	601	

SEC AH
TEST W18 : 12/03/92 : 0926-1008 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1023	AIR WT LVG =	923	923	MOIST =	5.1
GAS TEMP ENT =	676	697	GAS TEMP LVG =	315	322	EXCL. LKG	
AH LKG, %		5.03	GAS TEMP LVG =		313	INCL. LKG	
			AVE COLD END =	220	224		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	568		

SEC AH
TEST W18 : 12/03/92 : 0926-1008 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1026	AIR WT LVG =	923	927	MOIST =	5.1
GAS TEMP ENT =	676	697	GAS TEMP LVG =	315	323	EXCL. LKG	
AH LKG, %		5.03	GAS TEMP LVG =		314	INCL. LKG	
			AVE COLD END =	220	224		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	568		

SEC AH
TEST W19 : 12/03/92 : 1212-1314 : 111 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1032	AIR WT LVG =	923	932	MOIST =	5.1
GAS TEMP ENT =	676	704	GAS TEMP LVG =	315	325	EXCL. LKG	
AH LKG, %		7.59	GAS TEMP LVG =		312	INCL. LKG	
			AVE COLD END =	220	225		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	573		

SEC AH
TEST W19 : 12/03/92 : 1212-1314 : 111 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1036	AIR WT LVG =	923	936	MOIST =	5.1
GAS TEMP ENT =	676	704	GAS TEMP LVG =	315	325	EXCL. LKG	
AH LKG, %		7.59	GAS TEMP LVG =		312	INCL. LKG	
			AVE COLD END =	220	225		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	573		

SEC AH
TEST W20 : 12/03/92 : 1642-1736 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1039	AIR WT LVG =	923	938	MOIST =	5.1
GAS TEMP ENT =	676	701	GAS TEMP LVG =	315	324	EXCL. LKG	
AH LKG, %		4.16	GAS TEMP LVG =		317	INCL. LKG	
			AVE COLD END =	220	225		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	571		

SEC AH
TEST W20 : 12/03/92 : 1642-1736 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1043	AIR WT LVG =	923	942	MOIST =	5.1
GAS TEMP ENT =	676	701	GAS TEMP LVG =	315	324	EXCL. LKG	
AH LKG, %		4.16	GAS TEMP LVG =		317	INCL. LKG	
			AVE COLD END =	220	225		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	571		

SEC AH
TEST W21 : 12/03/92 : 1859-1953 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1032	AIR WT LVG =	923	932	MOIST =	5.1
GAS TEMP ENT =	676	714	GAS TEMP LVG =	315	329	EXCL. LKG	
AH LKG, %		6.34	GAS TEMP LVG =		317	INCL. LKG	
			AVE COLD END =	220	227		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	582		

SEC AH
TEST W21 : 12/03/92 : 1859-1953 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1037	AIR WT LVG =	923	937	MOIST =	5.1
GAS TEMP ENT =	676	714	GAS TEMP LVG =	315	329	EXCL. LKG	
AH LKG, %		6.34	GAS TEMP LVG =		317	INCL. LKG	
			AVE COLD END =	220	227		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	582		

SEC AH
TEST W22 : 12/04/92 : 0934-0944 : 109 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1021	AIR WT LVG =	923	922	MOIST =	5.1
GAS TEMP ENT =	676	673	GAS TEMP LVG =	315	314	EXCL. LKG	
AH LKG, %		7.62	GAS TEMP LVG =		301	INCL. LKG	
			AVE COLD END =	220	220		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	549		

SEC AH
TEST W22 : 12/04/92 : 0934-0944 : 109 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1022	AIR WT LVG =	923	923	MOIST =	5.1
GAS TEMP ENT =	676	673	GAS TEMP LVG =	315	314	EXCL. LKG	
AH LKG, %		7.62	GAS TEMP LVG =		301	INCL. LKG	
			AVE COLD END =	220	220		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	549		

SEC AH
TEST W23 : 12/04/92 : 1120-1244 : 118 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1106	AIR WT LVG =	923	999	MOIST =	5.1
GAS TEMP ENT =	676	715	GAS TEMP LVG =	315	332	EXCL. LKG	
AH LKG, %		4.18	GAS TEMP LVG =		324	INCL. LKG	
			AVE COLD END =	220	229		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	579		

SEC AH
TEST W23 : 12/04/92 : 1120-1244 : 118 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1118	AIR WT LVG =	923	1010	MOIST =	5.1
GAS TEMP ENT =	676	715	GAS TEMP LVG =	315	332	EXCL. LKG	
AH LKG, %		4.18	GAS TEMP LVG =		324	INCL. LKG	
			AVE COLD END =	220	229		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	579		

SEC AH
TEST W24 : 12/04/92 : 1441-1502 : 59 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	536	AIR WT LVG =	923	484	MOIST =	5.1
GAS TEMP ENT =	676	632	GAS TEMP LVG =	315	279	EXCL. LKG	
AH LKG, %		10.78	GAS TEMP LVG =		265	INCL. LKG	
			AVE COLD END =	220	202		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	537		

SEC AH
TEST W24 : 12/04/92 : 1441-1502 : 59 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	540	AIR WT LVG =	923	488	MOIST =	5.1
GAS TEMP ENT =	676	632	GAS TEMP LVG =	315	279	EXCL. LKG	
AH LKG, %		10.78	GAS TEMP LVG =		265	INCL. LKG	
			AVE COLD END =	220	202		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	537		

SEC AH
TEST W25 : 12/05/92 : 1157-1300 : 61 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	561	AIR WT LVG =	923	507	MOIST =	5.1
GAS TEMP ENT =	676	625	GAS TEMP LVG =	315	278	EXCL. LKG	
AH LKG, %		9.28	GAS TEMP LVG =		266	INCL. LKG	
			AVE COLD END =	220	202		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	530		

SEC AH
TEST W25 : 12/05/92 : 1157-1300 : 61 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	561	AIR WT LVG =	923	506	MOIST =	5.1
GAS TEMP ENT =	676	625	GAS TEMP LVG =	315	278	EXCL. LKG	
AH LKG, %		9.28	GAS TEMP LVG =		266	INCL. LKG	
			AVE COLD END =	220	202		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	530		

SEC AH
TEST W26 : 12/07/92 : 0839-0850 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	988	AIR WT LVG =	923	892	MOIST =	5.1
GAS TEMP ENT =	676	712	GAS TEMP LVG =	315	326	EXCL. LKG	
AH LKG, %		7.75	GAS TEMP LVG =		312	INCL. LKG	
			AVE COLD END =	220	226		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	582		

SEC AH
TEST W26 : 12/07/92 : 0839-0850 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	993	AIR WT LVG =	923	897	MOIST =	5.1
GAS TEMP ENT =	676	712	GAS TEMP LVG =	315	326	EXCL. LKG	
AH LKG, %		7.75	GAS TEMP LVG =		313	INCL. LKG	
			AVE COLD END =	220	226		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	581		

SEC AH
TEST W27 : 12/07/92 : 0954-1015 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	998	AIR WT LVG =	923	901	MOIST =	5.1
GAS TEMP ENT =	676	706	GAS TEMP LVG =	315	325	EXCL. LKG	
AH LKG, %		5.73	GAS TEMP LVG =		314	INCL. LKG	
			AVE COLD END =	220	225		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	577		

SEC AH
TEST W27 : 12/07/92 : 0954-1015 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1002	AIR WT LVG =	923	905	MOIST =	5.1
GAS TEMP ENT =	676	706	GAS TEMP LVG =	315	325	EXCL. LKG	
AH LKG, %		5.73	GAS TEMP LVG =		314	INCL. LKG	
			AVE COLD END =	220	225		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	577		

SEC AH
TEST W28 : 12/07/92 : 1140-1201 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	995	AIR WT LVG =	923	899	MOIST =	5.1
GAS TEMP ENT =	676	746	GAS TEMP LVG =	315	339	EXCL. LKG	
AH LKG, %		4.91	GAS TEMP LVG =		329	INCL. LKG	
			~~AVE COLD END =~~	~~220~~	~~232~~		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	609		

SEC AH
TEST W28 : 12/07/92 : 1140-1201 : 110 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1003	AIR WT LVG =	923	906	MOIST =	5.1
GAS TEMP ENT =	676	746	GAS TEMP LVG =	315	339	EXCL. LKG	
AH LKG, %		4.91	GAS TEMP LVG =		329	INCL. LKG	
			AVE COLD END =	220	232		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	609		

SEC AH
TEST W29 : 12/07/92 : 1337-1501 : 60 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	548	AIR WT LVG =	923	495	MOIST =	5.1
GAS TEMP ENT =	676	632	GAS TEMP LVG =	315	280	EXCL. LKG	
AH LKG, %		10.30	GAS TEMP LVG =		266	INCL. LKG	
			AVE COLD END =	220	203		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	537		

SEC AH
TEST W29 : 12/07/92 : 1337-1501 : 60 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	549	AIR WT LVG =	923	496	MOIST =	5.1
GAS TEMP ENT =	676	632	GAS TEMP LVG =	315	280	EXCL. LKG	
AH LKG, %		10.30	GAS TEMP LVG =		266	INCL. LKG	
			AVE COLD END =	220	203		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	537		

SEC AH
TEST W30 : 12/07/92 : 1533-1625 : 60 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	553	AIR WT LVG =	923	500	MOIST =	5.1
GAS TEMP ENT =	676	639	GAS TEMP LVG =	315	282	EXCL. LKG	
AH LKG, %		10.05	GAS TEMP LVG =		268	INCL. LKG	
			AVE COLD END =	220	204		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	542		

SEC AH
TEST W30 : 12/07/92 : 1533-1625 : 60 MW

JDR-011193

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	552	AIR WT LVG =	923	499	MOIST =	5.1
GAS TEMP ENT =	676	639	GAS TEMP LVG =	315	282	EXCL. LKG	
AH LKG, %		10.05	GAS TEMP LVG =		268	INCL. LKG	
			AVE COLD END =	220	204		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	542		

SEC AH
TEST 4 : 04/03/92 : 0902-1131 : 110 MW : NO REBURN : B&W TRAVERSE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1004	AIR WT LVG =	923	906	MOIST =	5.1
GAS TEMP ENT =	676	745	GAS TEMP LVG =	315	338	EXCL. LKG	
AH LKG, %		6.64	GAS TEMP LVG =		326	INCL. LKG	
			AVE COLD END =	220	232		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	608		

SEC AH
TEST 4 : 04/03/92 : 0902-1131 : 110 MW : NO REBURN : B&W TRAVERSE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1010	AIR WT LVG =	923	913	MOIST =	5.1
GAS TEMP ENT =	676	745	GAS TEMP LVG =	315	339	EXCL. LKG	
AH LKG, %		6.64	GAS TEMP LVG =		326	INCL. LKG	
			AVE COLD END =	220	232		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	608		

SEC AH
TEST 4A : 04/03/92 : 1205-1401 : 111 MW : NO REBURN :ACCUREX TRAV
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1021	AIR WT LVG =	923	922	MOIST =	5.0
GAS TEMP ENT =	676	782	GAS TEMP LVG =	315	352	EXCL. LKG	
AH LKG, %		6.89	GAS TEMP LVG =		338	INCL. LKG	
			AVE COLD END =	220	239		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	637		

SEC AH
TEST 4A : 04/03/92 : 1205-1401 : 111 MW : NO REBURN :ACCUREX TRAV
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1031	AIR WT LVG =	923	931	MOIST =	5.0
GAS TEMP ENT =	676	782	GAS TEMP LVG =	315	353	EXCL. LKG	
AH LKG, %		6.89	GAS TEMP LVG =		339	INCL. LKG	
			AVE COLD END =	220	239		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	637		

SEC AH
TEST 4AA : 04/29/92 : 0928-0945 : 110 MW : REPEAT OF TEST 4A
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1024	AIR WT LVG =	923	925	MOIST =	5.0
GAS TEMP ENT =	676	665	GAS TEMP LVG =	315	311	EXCL. LKG	
AH LKG, %		7.36	GAS TEMP LVG =		299	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	543		

SEC AH
TEST 4AA : 04/29/92 : 0928-0945 : 110 MW : REPEAT OF TEST 4A
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1022	AIR WT LVG =	923	923	MOIST =	5.0
GAS TEMP ENT =	676	665	GAS TEMP LVG =	315	311	EXCL. LKG	
AH LKG, %		7.36	GAS TEMP LVG =		299	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	543		

SEC AH
TEST 26T : 02/21/91 : 1057-1303 : 110 MW : 12.2 TPH REBURN
JDR-071092

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	989	AIR WT LVG =	923	893	MOIST =	5.1
GAS TEMP ENT =	676	619	GAS TEMP LVG =	315	294	EXCL. LKG	
AH LKG, %		7.77	GAS TEMP LVG =		282	INCL. LKG	
			AVE COLD END =	220	210		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	507		

SEC AH
TEST 26T : 02/21/91 : 1057-1303 : 110 MW : 12.2 TPH REBURN
JDR-071092

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	994	AIR WT LVG =	923	898	MOIST =	5.1
GAS TEMP ENT =	676	619	GAS TEMP LVG =	315	294	EXCL. LKG	
AH LKG, %		7.77	GAS TEMP LVG =		283	INCL. LKG	
			AVE COLD END =	220	210		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	507		

SEC AH
TEST 27T : 02/21/91 : 1407-1706 : 110 MW : 12.2 TPH : LOWER STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	983	AIR WT LVG =	923	887	MOIST =	5.1
GAS TEMP ENT =	676	643	GAS TEMP LVG =	315	302	EXCL. LKG	
AH LKG, %		5.65	GAS TEMP LVG =		293	INCL. LKG	
			AVE COLD END =	220	214		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	527		

SEC AH
TEST 27T : 02/21/91 : 1407-1706 : 110 MW : 12.2 TPH : LOWER STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	991	AIR WT LVG =	923	895	MOIST =	5.1
GAS TEMP ENT =	676	643	GAS TEMP LVG =	315	303	EXCL. LKG	
AH LKG, %		5.65	GAS TEMP LVG =		294	INCL. LKG	
			AVE COLD END =	220	214		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	527		

SEC AH
TEST 20B : 05/01/92 : 1005-1217 : 110 MW : 13 TPH : HIGH STOIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	994	AIR WT LVG =	923	898	MOIST =	5.1
GAS TEMP ENT =	676	655	GAS TEMP LVG =	315	307	EXCL. LKG	
AH LKG, %		3.06	GAS TEMP LVG =		302	INCL. LKG	
			AVE COLD END =	220	216		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	536		

SEC AH
TEST 20B : 05/01/92 : 1005-1217 : 110 MW : 13 TPH : HIGH STOIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	999	AIR WT LVG =	923	902	MOIST =	5.1
GAS TEMP ENT =	676	655	GAS TEMP LVG =	315	307	EXCL. LKG	
AH LKG, %		3.06	GAS TEMP LVG =		302	INCL. LKG	
			AVE COLD END =	220	216		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	536		

SEC AH
TEST 2 : 04/01/92 : 0741-0752 : 109 MW : PRE-REBURN BASE
JDR060192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1011	AIR WT LVG =	923	913	MOIST =	5.1
GAS TEMP ENT =	676	722	GAS TEMP LVG =	315	331	EXCL. LKG	
AH LKG, %		5.96	GAS TEMP LVG =		320	INCL. LKG	
			AVE COLD END =	220	228		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	589		

SEC AH
TEST 2 : 04/01/92 : 0741-0752 : 109 MW : PRE-REBURN BASE
JDR060192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1015	AIR WT LVG =	923	917	MOIST =	5.1
GAS TEMP ENT =	676	722	GAS TEMP LVG =	315	331	EXCL. LKG	
AH LKG, %		5.96	GAS TEMP LVG =		320	INCL. LKG	
			AVE COLD END =	220	228		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	589		

SEC AH
TEST 2A : 04/01/92 : 1912-2117 : 110 MW : 13 TPH:140 RPM: HIGH STOICH
JDR060192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	997	AIR WT LVG =	923	900	MOIST =	5.1
GAS TEMP ENT =	676	758	GAS TEMP LVG =	315	343	EXCL. LKG	
AH LKG, %		6.14	GAS TEMP LVG =		331	INCL. LKG	
			AVE COLD END =	220	234		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	619		

SEC AH
TEST 2A : 04/01/92 : 1912-2117 : 110 MW : 13 TPH:140 RPM: HIGH STOICH
JDR060192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1009	AIR WT LVG =	923	912	MOIST =	5.1
GAS TEMP ENT =	676	758	GAS TEMP LVG =	315	343	EXCL. LKG	
AH LKG, %		6.14	GAS TEMP LVG =		331	INCL. LKG	
			AVE COLD END =	220	234		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	618		

SEC AH
TEST 2AA : 04/29/92 : 1040-1123 : 110 MW : REPEAT OF TEST 2A
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	990	AIR WT LVG =	923	894	MOIST =	5.1
GAS TEMP ENT =	676	663	GAS TEMP LVG =	315	309	EXCL. LKG	
AH LKG, %		3.97	GAS TEMP LVG =		303	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	542		

SEC AH
TEST 2AA : 04/29/92 : 1040-1123 : 110 MW : REPEAT OF TEST 2A
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	996	AIR WT LVG =	923	899	MOIST =	5.1
GAS TEMP ENT =	676	663	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		3.97	GAS TEMP LVG =		303	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	542		

SEC AH
TEST 3 : 04/02/92 : 0735-0837 : 110 MW : PRE-REBURN BASE
JDR071092

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1033	AIR WT LVG =	923	933	MOIST =	5.1
GAS TEMP ENT =	676	679	GAS TEMP LVG =	315	316	EXCL. LKG	
AH LKG, %		5.83	GAS TEMP LVG =		306	INCL. LKG	
			AVE COLD END =	220	221		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	553		

SEC AH
TEST 3A : 04/02/92 : 1158-1400 : 110 MW :13 TPH: 140RPM: MED STOIC
JDR060192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	991	AIR WT LVG =	923	895	MOIST =	5.1
GAS TEMP ENT =	676	717	GAS TEMP LVG =	315	328	EXCL. LKG	
AH LKG, %		6.11	GAS TEMP LVG =		317	INCL. LKG	
			AVE COLD END =	220	227		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	586		

SEC AH
TEST 3A : 04/02/92 : 1158-1400 : 110 MW :13 TPH: 140RPM: MED STOIC
JDR060192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	998	AIR WT LVG =	923	901	MOIST =	5.1
GAS TEMP ENT =	676	717	GAS TEMP LVG =	315	329	EXCL. LKG	
AH LKG, %		6.11	GAS TEMP LVG =		317	INCL. LKG	
			AVE COLD END =	220	227		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	586		

SEC AH
TEST 3AA : 04/29/92 : 1133-1204 : 110 MW : REPEAT OF TEST 3A
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	998	AIR WT LVG =	923	901	MOIST =	5.1
GAS TEMP ENT =	676	657	GAS TEMP LVG =	315	308	EXCL. LKG	
AH LKG, %		4.21	GAS TEMP LVG =		300	INCL. LKG	
			AVE COLD END =	220	217		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	537		

SEC AH
TEST 3AA : 04/29/92 : 1133-1204 : 110 MW : REPEAT OF TEST 3A
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1003	AIR WT LVG =	923	906	MOIST =	5.1
GAS TEMP ENT =	676	657	GAS TEMP LVG =	315	308	EXCL. LKG	
AH LKG, %		4.21	GAS TEMP LVG =		301	INCL. LKG	
			AVE COLD END =	220	217		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	537		

SEC AH
TEST 3B : 04/02/92 : 1503-1659 : 110 MW : 13 TPH : MED STOIC:HIGH OFA
JDR060192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	996	AIR WT LVG =	923	900	MOIST =	5.1
GAS TEMP ENT =	676	738	GAS TEMP LVG =	315	336	EXCL. LKG	
AH LKG, %		6.56	GAS TEMP LVG =		323	INCL. LKG	
			AVE COLD END =	220	231		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	602		

SEC AH
TEST 3B : 04/02/92 : 1503-1659 : 110 MW : 13 TPH : MED STOIC:HIGH OFA
JDR060192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1002	AIR WT LVG =	923	905	MOIST =	5.1
GAS TEMP ENT =	676	738	GAS TEMP LVG =	315	336	EXCL. LKG	
AH LKG, %		6.56	GAS TEMP LVG =		323	INCL. LKG	
			AVE COLD END =	220	231		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	602		

SEC AH
TEST 6 : 04/07/92 : 0825-0835 : 110 MW : PRE-REBURN BASE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1029	AIR WT LVG =	923	929	MOIST =	5.0
GAS TEMP ENT =	676	705	GAS TEMP LVG =	315	325	EXCL. LKG	
AH LKG, %		7.40	GAS TEMP LVG =		312	INCL. LKG	
			AVE COLD END =	220	226		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	574		

SEC AH
TEST 6 : 04/07/92 : 0825-0835 : 110 MW : PRE-REBURN BASE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1031	AIR WT LVG =	923	931	MOIST =	5.0
GAS TEMP ENT =	676	705	GAS TEMP LVG =	315	325	EXCL. LKG	
AH LKG, %		7.40	GAS TEMP LVG =		312	INCL. LKG	
			AVE COLD END =	220	226		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	574		

SEC AH
TEST 6A : 04/07/92 : 1057-1302 : 110 MW : 13 TPH: 140 RPM: LOW STOIC
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	997	AIR WT LVG =	923	900	MOIST =	5.1
GAS TEMP ENT =	676	710	GAS TEMP LVG =	315	326	EXCL. LKG	
AH LKG, %		6.95	GAS TEMP LVG =		314	INCL. LKG	
			AVE COLD END =	220	226		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	580		

SEC AH
TEST 6A : 04/07/92 : 1057-1302 : 110 MW : 13 TPH: 140 RPM: LOW STOIC
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1007	AIR WT LVG =	923	909	MOIST =	5.1
GAS TEMP ENT =	676	710	GAS TEMP LVG =	315	327	EXCL. LKG	
AH LKG, %		6.95	GAS TEMP LVG =		314	INCL. LKG	
			AVE COLD END =	220	226		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	580		

SEC AH
TEST 8 : 04/09/92 : 0804-0814 : 110 MW : PRE-REBURN BASE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1017	AIR WT LVG =	923	919	MOIST =	5.0
GAS TEMP ENT =	676	671	GAS TEMP LVG =	315	313	EXCL. LKG	
AH LKG, %		8.05	GAS TEMP LVG =		300	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	547		

SEC AH
TEST 8 : 04/09/92 : 0804-0814 : 110 MW : PRE-REBURN BASE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1016	AIR WT LVG =	923	918	MOIST =	5.0
GAS TEMP ENT =	676	671	GAS TEMP LVG =	315	313	EXCL. LKG	
AH LKG, %		8.05	GAS TEMP LVG =		300	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	547		

SEC AH
TEST 8A : 04/09/92 : 1100-1247 : 110 MW : 13 TPH: 160 RPM: MED STOIC
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1005	AIR WT LVG =	923	908	MOIST =	5.1
GAS TEMP ENT =	676	664	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		5.92	GAS TEMP LVG =		300	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	542		

SEC AH
TEST 8A : 04/09/92 : 1100-1247 : 110 MW : 13 TPH: 160 RPM: MED STOIC
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1009	AIR WT LVG =	923	911	MOIST =	5.1
GAS TEMP ENT =	676	664	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		5.92	GAS TEMP LVG =		300	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	542		

SEC AH
TEST 7 : 04/08/92 : 0820-0830 : 109 MW : PRE-REBURN BASE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1024	AIR WT LVG =	923	925	MOIST =	5.0
GAS TEMP ENT =	676	679	GAS TEMP LVG =	315	316	EXCL. LKG	
AH LKG, %		7.22	GAS TEMP LVG =		304	INCL. LKG	
			AVE COLD END =	220	221		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	554		

SEC AH
TEST 7A : 04/08/92 : 1128-1330 : 110 MW : 13 TPH: 160 RPM: LOW STOIC
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1007	AIR WT LVG =	923	909	MOIST =	5.1
GAS TEMP ENT =	676	665	GAS TEMP LVG =	315	311	EXCL. LKG	
AH LKG, %		7.36	GAS TEMP LVG =		299	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	543		

SEC AH
TEST 7A : 04/08/92 : 1128-1330 : 110 MW : 13 TPH: 160 RPM: LOW STOIC
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1008	AIR WT LVG =	923	910	MOIST =	5.1
GAS TEMP ENT =	676	665	GAS TEMP LVG =	315	311	EXCL. LKG	
AH LKG, %		7.36	GAS TEMP LVG =		299	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	543		

SEC AH
TEST 9 : 04/10/92 : 0759-0810 : 110 MW : PRE-REBURN BASE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1040	AIR WT LVG =	923	940	MOIST =	5.0
GAS TEMP ENT =	676	654	GAS TEMP LVG =	315	308	EXCL. LKG	
AH LKG, %		1.89	GAS TEMP LVG =		305	INCL. LKG	
			AVE COLD END =	220	217		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	533		

SEC AH
TEST 9 : 04/10/92 : 0759-0810 : 110 MW : PRE-REBURN BASE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1038	AIR WT LVG =	923	937	MOIST =	5.0
GAS TEMP ENT =	676	654	GAS TEMP LVG =	315	308	EXCL. LKG	
AH LKG, %		1.89	GAS TEMP LVG =		305	INCL. LKG	
			AVE COLD END =	220	217		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	533		

SEC AH
TEST 9A : 04/10/92 : 1029-1331 : 110 MW : 13 TPH: 100 RPM: MED STOIC
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1005	AIR WT LVG =	923	907	MOIST =	5.1
GAS TEMP ENT =	676	675	GAS TEMP LVG =	315	314	EXCL. LKG	
AH LKG, %		6.16	GAS TEMP LVG =		304	INCL. LKG	
			AVE COLD END =	220	220		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	552		

SEC AH
TEST 9A : 04/10/92 : 1029-1331 : 110 MW : 13 TPH: 100 RPM: MED STOIC
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1011	AIR WT LVG =	923	913	MOIST =	5.1
GAS TEMP ENT =	676	675	GAS TEMP LVG =	315	314	EXCL. LKG	
AH LKG, %		6.16	GAS TEMP LVG =		304	INCL. LKG	
			AVE COLD END =	220	220		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	552		

SEC AH
TEST 10 : 04/13/92 : 0827-0838 : 110 MW : PRE-REBURN BASE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT -	1022	1031	AIR WT LVG -	923	931	MOIST -	5.0
GAS TEMP ENT -	676	660	GAS TEMP LVG -	315	310	EXCL. LKG	
AH LKG, %		7.42	GAS TEMP LVG -		297	INCL. LKG	
			AVE COLD END -	220	218		
AIR TEMP ENT -	126	126	AIR TEMP LVG -	552	538		

SEC AH
TEST 10 : 04/13/92 : 0827-0838 : 110 MW : PRE-REBURN BASE
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT -	1022	1029	AIR WT LVG -	923	929	MOIST -	5.0
GAS TEMP ENT -	676	660	GAS TEMP LVG -	315	309	EXCL. LKG	
AH LKG, %		7.42	GAS TEMP LVG -		297	INCL. LKG	
			AVE COLD END -	220	218		
AIR TEMP ENT -	126	126	AIR TEMP LVG -	552	538		

SEC AH
TEST 10A : 04/13/92 : 1031-1256 : 110 MW : 13 TPH: 100 RPM: LOW STOIC
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	997	AIR WT LVG =	923	900	MOIST =	5.1
GAS TEMP ENT =	676	672	GAS TEMP LVG =	315	313	EXCL. LKG	
AH LKG, %		6.54	GAS TEMP LVG =		302	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	549		

SEC AH
TEST 10A : 04/13/92 : 1031-1256 : 110 MW : 13 TPH: 100 RPM: LOW STOIC
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1003	AIR WT LVG =	923	906	MOIST =	5.1
GAS TEMP ENT =	676	672	GAS TEMP LVG =	315	313	EXCL. LKG	
AH LKG, %		6.54	GAS TEMP LVG =		302	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	549		

SEC AH
TEST 16A : 04/24/92 : 1110-1311 : 111 MW: CONTROLS IN AUTOMATIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1005	AIR WT LVG =	923	908	MOIST =	5.1
GAS TEMP ENT =	676	670	GAS TEMP LVG =	315	312	EXCL. LKG	
AH LKG, %		4.69	GAS TEMP LVG =		304	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	547		

SEC AH
TEST 16A : 04/24/92 : 1110-1311 : 111 MW: CONTROLS IN AUTOMATIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1014	AIR WT LVG =	923	916	MOIST =	5.1
GAS TEMP ENT =	676	670	GAS TEMP LVG =	315	313	EXCL. LKG	
AH LKG, %		4.69	GAS TEMP LVG =		305	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	547		

SEC AH
TEST 21B : 05/05/92 : 1039-1200 : 110 MW : 13 TPH : LOW STOIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1004	AIR WT LVG =	923	907	MOIST =	5.1
GAS TEMP ENT =	676	662	GAS TEMP LVG =	315	309	EXCL. LKG	
AH LKG, %		5.35	GAS TEMP LVG =		301	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	541		

SEC AH
TEST 21B : 05/05/92 : 1039-1200 : 110 MW : 13 TPH : LOW STOIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1009	AIR WT LVG =	923	911	MOIST =	5.1
GAS TEMP ENT =	676	662	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		5.35	GAS TEMP LVG =		301	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	541		

SEC AH
TEST 3T : 02/13/91 : 1710-1741 : 110 MW : 13.7 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	990	AIR WT LVG =	923	894	MOIST =	5.1
GAS TEMP ENT =	676	669	GAS TEMP LVG =	315	312	EXCL. LKG	
AH LKG, %		5.95	GAS TEMP LVG =		302	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	547		

SEC AH
TEST 3T : 02/13/91 : 1710-1741 : 110 MW : 13.7 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	993	AIR WT LVG =	923	897	MOIST =	5.1
GAS TEMP ENT =	676	669	GAS TEMP LVG =	315	312	EXCL. LKG	
AH LKG, %		5.95	GAS TEMP LVG =		302	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	547		

SEC AH
TEST 4T : 02/13/91 : 1915-2008 : 110 MW : 13.7 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	988	AIR WT LVG =	923	892	MOIST =	5.1
GAS TEMP ENT =	676	666	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		5.90	GAS TEMP LVG =		301	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	545		

SEC AH
TEST 4T : 02/13/91 : 1915-2008 : 110 MW : 13.7 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	995	AIR WT LVG =	923	898	MOIST =	5.1
GAS TEMP ENT =	676	666	GAS TEMP LVG =	315	311	EXCL. LKG	
AH LKG, %		5.90	GAS TEMP LVG =		301	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	545		

SEC AH
TEST 10B : 04/13/92 : 1524-1647 : 110 MW : 14 TPH: 140 RPM
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1017	AIR WT LVG =	923	918	MOIST =	5.1
GAS TEMP ENT =	676	684	GAS TEMP LVG =	315	318	EXCL. LKG	
AH LKG, %		6.35	GAS TEMP LVG =		307	INCL. LKG	
			AVE COLD END =	220	222		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	558		

SEC AH
TEST 10B : 04/13/92 : 1524-1647 : 110 MW : 14 TPH: 140 RPM
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1020	AIR WT LVG =	923	921	MOIST =	5.1
GAS TEMP ENT =	676	684	GAS TEMP LVG =	315	318	EXCL. LKG	
AH LKG, %		6.35	GAS TEMP LVG =		307	INCL. LKG	
			AVE COLD END =	220	222		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	558		

SEC AH
TEST 10C : 04/13/92 : 1822-1914 : 111 MW : 14 TPH : 160 RPM
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1021	AIR WT LVG =	923	922	MOIST =	5.1
GAS TEMP ENT =	676	678	GAS TEMP LVG =	315	316	EXCL. LKG	
AH LKG, %		6.14	GAS TEMP LVG =		305	INCL. LKG	
			AVE COLD END =	220	221		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	553		

SEC AH
TEST 10C : 04/13/92 : 1822-1914 : 111 MW : 14 TPH : 160 RPM
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1023	AIR WT LVG =	923	924	MOIST =	5.1
GAS TEMP ENT =	676	678	GAS TEMP LVG =	315	316	EXCL. LKG	
AH LKG, %		6.14	GAS TEMP LVG =		305	INCL. LKG	
			AVE COLD END =	220	221		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	553		

SEC AH
TEST 5T : 02/14/91 : 1408-1604 : 111 MW : 14 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	991	AIR WT LVG =	923	895	MOIST =	5.1
GAS TEMP ENT =	676	663	GAS TEMP LVG =	315	309	EXCL. LKG	
AH LKG, %		6.77	GAS TEMP LVG =		298	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	542		

SEC AH
TEST 5T : 02/14/91 : 1408-1604 : 111 MW : 14 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	997	AIR WT LVG =	923	900	MOIST =	5.1
GAS TEMP ENT =	676	663	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		6.77	GAS TEMP LVG =		298	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	542		

SEC AH
TEST 7T : 02/15/91 : 1009-1024 : 111 MW : 14 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	995	AIR WT LVG =	923	898	MOIST =	5.1
GAS TEMP ENT =	676	644	GAS TEMP LVG =	315	303	EXCL. LKG	
AH LKG, %		6.57	GAS TEMP LVG =		293	INCL. LKG	
			AVE COLD END =	220	214		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	527		

SEC AH
TEST 7T : 02/15/91 : 1009-1024 : 111 MW : 14 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	998	AIR WT LVG =	923	901	MOIST =	5.1
GAS TEMP ENT =	676	644	GAS TEMP LVG =	315	303	EXCL. LKG	
AH LKG, %		6.57	GAS TEMP LVG =		293	INCL. LKG	
			AVE COLD END =	220	214		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	527		

SEC AH
TEST 18T : 02/18/91 : 0919-0929 : 109 MW : 14 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	968	AIR WT LVG =	923	874	MOIST =	5.1
GAS TEMP ENT =	676	637	GAS TEMP LVG =	315	299	EXCL. LKG	
AH LKG, %		5.82	GAS TEMP LVG =		290	INCL. LKG	
			AVE COLD END =	220	213		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	522		

SEC AH
TEST 18T : 02/18/91 : 0919-0929 : 109 MW : 14 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	971	AIR WT LVG =	923	877	MOIST =	5.1
GAS TEMP ENT =	676	637	GAS TEMP LVG =	315	300	EXCL. LKG	
AH LKG, %		5.82	GAS TEMP LVG =		290	INCL. LKG	
			AVE COLD END =	220	213		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	522		

SEC AH
TEST 22T : 02/19/91 : 1132-1513 : 110 MW : 14 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	995	AIR WT LVG =	923	898	MOIST =	5.1
GAS TEMP ENT =	676	615	GAS TEMP LVG =	315	293	EXCL. LKG	
AH LKG, %		6.54	GAS TEMP LVG =		283	INCL. LKG	
			AVE COLD END =	220	209		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	504		

SEC AH
TEST 22T : 02/19/91 : 1132-1513 : 110 MW : 14 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1000	AIR WT LVG =	923	903	MOIST =	5.1
GAS TEMP ENT =	676	615	GAS TEMP LVG =	315	293	EXCL. LKG	
AH LKG, %		6.54	GAS TEMP LVG =		283	INCL. LKG	
			AVE COLD END =	220	209		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	504		

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SEC AH
TEST 24T : 02/20/91 : 0951-1012 : 110 MW : 140 RPM : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	992	AIR WT LVG =	923	896	MOIST = 5.1
GAS TEMP ENT =	676	607	GAS TEMP LVG =	315	290	EXCL. LKG
AH LKG, %		5.86	GAS TEMP LVG =		281	INCL. LKG
			AVE COLD END =	220	208	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	497	

SEC AH
TEST 6T : 02/14/91 : 1604-1903 : 111 MW : 140 RPM : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	991	AIR WT LVG =	923	895	MOIST =	5.1
GAS TEMP ENT =	676	671	GAS TEMP LVG =	315	312	EXCL. LKG	
AH LKG, %		5.37	GAS TEMP LVG =		303	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	549		

SEC AH
TEST 6T : 02/14/91 : 1604-1903 : 111 MW : 140 RPM : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	997	AIR WT LVG =	923	901	MOIST =	5.1
GAS TEMP ENT =	676	671	GAS TEMP LVG =	315	313	EXCL. LKG	
AH LKG, %		5.37	GAS TEMP LVG =		303	INCL. LKG	
			AVE COLD END =	220	219		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	549		

SEC AH
TEST 15T : 02/17/91 : 1044-1103 : 110 MW : 14.5 TPH : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	987	AIR WT LVG =	923	892	MOIST =	5.1
GAS TEMP ENT =	676	629	GAS TEMP LVG =	315	297	EXCL. LKG	
AH LKG, %		6.46	GAS TEMP LVG =		287	INCL. LKG	
			AVE COLD END =	220	212		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	515		

SEC AH
TEST 15T : 02/17/91 : 1044-1103 : 110 MW : 14.5 TPH : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	990	AIR WT LVG =	923	894	MOIST =	5.1
GAS TEMP ENT =	676	629	GAS TEMP LVG =	315	297	EXCL. LKG	
AH LKG, %		6.46	GAS TEMP LVG =		287	INCL. LKG	
			AVE COLD END =	220	212		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	515		

SEC AH
TEST 10T : 02/15/91 : 1614-1809 : 110 MW : 140 RPM : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	984	AIR WT LVG =	923	889	MOIST =	5.1
GAS TEMP ENT =	676	666	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		6.71	GAS TEMP LVG =		299	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	545		

SEC AH
TEST 10T : 02/15/91 : 1614-1809 : 110 MW : 140 RPM : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	990	AIR WT LVG =	923	894	MOIST =	5.1
GAS TEMP ENT =	676	666	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		6.71	GAS TEMP LVG =		299	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	545		

SEC AH
TEST 8T : 02/15/91 : 1143-1204 : 110 MW : 140 RPM : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	985	AIR WT LVG =	923	890	MOIST =	5.1
GAS TEMP ENT =	676	655	GAS TEMP LVG =	315	306	EXCL. LKG	
AH LKG, %		5.86	GAS TEMP LVG =		297	INCL. LKG	
			AVE COLD END =	220	216		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	536		

SEC AH
TEST 8T : 02/15/91 : 1143-1204 : 110 MW : 140 RPM : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	990	AIR WT LVG =	923	894	MOIST =	5.1
GAS TEMP ENT =	676	655	GAS TEMP LVG =	315	307	EXCL. LKG	
AH LKG, %		5.86	GAS TEMP LVG =		297	INCL. LKG	
			AVE COLD END =	220	216		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	536		

SEC AH
TEST 19T : 02/18/91 : 1045-1644 : 110 MW : 140 RPM : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	983	AIR WT LVG =	923	888	MOIST =	5.1
GAS TEMP ENT =	676	641	GAS TEMP LVG =	315	302	EXCL. LKG	
AH LKG, %		6.61	GAS TEMP LVG =		291	INCL. LKG	
			AVE COLD END =	220	214		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	525		

SEC AH
TEST 19T : 02/18/91 : 1045-1644 : 110 MW : 140 RPM : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	987	AIR WT LVG =	923	891	MOIST =	5.1
GAS TEMP ENT =	676	641	GAS TEMP LVG =	315	302	EXCL. LKG	
AH LKG, %		6.61	GAS TEMP LVG =		291	INCL. LKG	
			AVE COLD END =	220	214		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	525		

SEC AH
TEST 23T : 02/19/91 : 1658-1854 : 110 MW : 140 RPM : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	992	AIR WT LVG =	923	896	MOIST =	5.1
GAS TEMP ENT =	676	649	GAS TEMP LVG =	315	304	EXCL. LKG	
AH LKG, %		6.15	GAS TEMP LVG =		295	INCL. LKG	
			AVE COLD END =	220	215		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	531		

SEC AH
TEST 23T : 02/19/91 : 1658-1854 : 110 MW : 140 RPM : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	996	AIR WT LVG =	923	900	MOIST =	5.1
GAS TEMP ENT =	676	649	GAS TEMP LVG =	315	305	EXCL. LKG	
AH LKG, %		6.15	GAS TEMP LVG =		295	INCL. LKG	
			AVE COLD END =	220	215		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	531		

SEC AH
TEST 16T : 02/17/91 : 1142-1245 : 110 MW : 14.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	985	AIR WT LVG =	923	889	MOIST =	5.1
GAS TEMP ENT =	676	640	GAS TEMP LVG =	315	301	EXCL. LKG	
AH LKG, %		6.21	GAS TEMP LVG =		291	INCL. LKG	
			AVE COLD END =	220	213		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	524		

SEC AH
TEST 16T : 02/17/91 : 1142-1245 : 110 MW : 14.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	988	AIR WT LVG =	923	892	MOIST =	5.1
GAS TEMP ENT =	676	640	GAS TEMP LVG =	315	301	EXCL. LKG	
AH LKG, %		6.21	GAS TEMP LVG =		292	INCL. LKG	
			AVE COLD END =	220	214		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	524		

SEC AH
TEST 9T : 02/15/91 : 1513-1542 : 109 MW : 14 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	988	AIR WT LVG =	923	892	MOIST =	5.1
GAS TEMP ENT =	676	662	GAS TEMP LVG =	315	309	EXCL. LKG	
AH LKG, %		6.00	GAS TEMP LVG =		299	INCL. LKG	
			AVE COLD END =	220	217		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	542		

SEC AH
TEST 9T : 02/15/91 : 1513-1542 : 109 MW : 14 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	994	AIR WT LVG =	923	897	MOIST =	5.1
GAS TEMP ENT =	676	662	GAS TEMP LVG =	315	309	EXCL. LKG	
AH LKG, %		6.00	GAS TEMP LVG =		299	INCL. LKG	
			AVE COLD END =	220	217		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	541		

SEC AH
TEST 17T : 02/17/91 : 1658-1812 : 110 MW : 14.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	985	AIR WT LVG =	923	889	MOIST =	5.1
GAS TEMP ENT =	676	641	GAS TEMP LVG =	315	302	EXCL. LKG	
AH LKG, %		6.64	GAS TEMP LVG =		291	INCL. LKG	
			AVE COLD END =	220	214		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	525		

SEC AH
TEST 17T : 02/17/91 : 1658-1812 : 110 MW : 14.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	988	AIR WT LVG =	923	892	MOIST =	5.1
GAS TEMP ENT =	676	641	GAS TEMP LVG =	315	302	EXCL. LKG	
AH LKG, %		6.64	GAS TEMP LVG =		291	INCL. LKG	
			AVE COLD END =	220	214		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	525		

SEC AH
TEST 23B : 05/07/92 : 1444-1517 : 110 MW : 14 TPH

JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1016	AIR WT LVG =	923	917	MOIST =	5.1
GAS TEMP ENT =	676	655	GAS TEMP LVG =	315	307	EXCL. LKG	
AH LKG, %		6.45	GAS TEMP LVG =		297	INCL. LKG	
			AVE COLD END =	220	217		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	535		

SEC AH
TEST 23B : 05/07/92 : 1444-1517 : 110 MW : 14 TPH

JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1019	AIR WT LVG =	923	921	MOIST =	5.1
GAS TEMP ENT =	676	655	GAS TEMP LVG =	315	307	EXCL. LKG	
AH LKG, %		6.45	GAS TEMP LVG =		297	INCL. LKG	
			AVE COLD END =	220	217		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	534		

SEC AH
TEST 50T : 03/05/91 : 1030-1112 : 110 MW : 14 TPH : LOW STOICH 150 RP
MJDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	990	AIR WT LVG =	923	894	MOIST =	5.1
GAS TEMP ENT =	676	664	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		6.31	GAS TEMP LVG =		299	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	543		

SEC AH
TEST 50T : 03/05/91 : 1030-1112 : 110 MW : 14 TPH : LOW STOICH 150 RP
MJDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	991	AIR WT LVG =	923	895	MOIST =	5.1
GAS TEMP ENT =	676	664	GAS TEMP LVG =	315	310	EXCL. LKG	
AH LKG, %		6.31	GAS TEMP LVG =		299	INCL. LKG	
			AVE COLD END =	220	218		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	543		

SEC AH
TEST 25T : 02/20/91 : 1248-1447 : 111 MW : 16 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	994	AIR WT LVG =	923	898	MOIST =	5.1
GAS TEMP ENT =	676	613	GAS TEMP LVG =	315	292	EXCL. LKG	
AH LKG, %		6.35	GAS TEMP LVG =		283	INCL. LKG	
			AVE COLD END =	220	209		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	502		

SEC AH
TEST 25T : 02/20/91 : 1248-1447 : 111 MW : 16 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	995	AIR WT LVG =	923	899	MOIST =	5.1
GAS TEMP ENT =	676	613	GAS TEMP LVG =	315	292	EXCL. LKG	
AH LKG, %		6.35	GAS TEMP LVG =		283	INCL. LKG	
			AVE COLD END =	220	209		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	502		

SEC AH
TEST 31T : 02/24/91 : 1057-1226 : 111 MW : 16 TPH : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1001	AIR WT LVG =	923	904	MOIST =	5.1
GAS TEMP ENT =	676	622	GAS TEMP LVG =	315	295	EXCL. LKG	
AH LKG, %		6.12	GAS TEMP LVG =		286	INCL. LKG	
			AVE COLD END =	220	211		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	509		

SEC AH
TEST 31T : 02/24/91 : 1057-1226 : 111 MW : 16 TPH : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1003	AIR WT LVG =	923	905	MOIST =	5.1
GAS TEMP ENT =	676	622	GAS TEMP LVG =	315	296	EXCL. LKG	
AH LKG, %		6.12	GAS TEMP LVG =		286	INCL. LKG	
			AVE COLD END =	220	211		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	509		

SEC AH
TEST 32T : 02/24/91 : 1504-1702 : 111 MW : 16 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	992	AIR WT LVG =	923	896	MOIST =	5.1
GAS TEMP ENT =	676	638	GAS TEMP LVG =	315	301	EXCL. LKG	
AH LKG, %		5.98	GAS TEMP LVG =		291	INCL. LKG	
			AVE COLD END =	220	213		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	522		

SEC AH
TEST 32T : 02/24/91 : 1504-1702 : 111 MW : 16 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	995	AIR WT LVG =	923	899	MOIST =	5.1
GAS TEMP ENT =	676	638	GAS TEMP LVG =	315	301	EXCL. LKG	
AH LKG, %		5.98	GAS TEMP LVG =		291	INCL. LKG	
			AVE COLD END =	220	213		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	522		

SEC AH
TEST 17A : 04/27/92 : 1130-1400 : 110 MW : 15 TPH : 160 RPM
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1001	AIR WT LVG =	923	904	MOIST =	5.1
GAS TEMP ENT =	676	698	GAS TEMP LVG =	315	322	EXCL. LKG	
AH LKG, %		5.33	GAS TEMP LVG =		312	INCL. LKG	
			AVE COLD END =	220	224		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	570		

SEC AH
TEST 17A : 04/27/92 : 1130-1400 : 110 MW : 15 TPH : 160 RPM
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	1007	AIR WT LVG =	923	909	MOIST =	5.1
GAS TEMP ENT =	676	698	GAS TEMP LVG =	315	322	EXCL. LKG	
AH LKG, %		5.33	GAS TEMP LVG =		313	INCL. LKG	
			AVE COLD END =	220	224		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	570		

SEC AH
TEST 18A : 04/28/92 : 1636-1820 : 90 MW : 11 TPH : 3 CYCLONES
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	813	AIR WT LVG =	923	734	MOIST =	5.1
GAS TEMP ENT =	676	641	GAS TEMP LVG =	315	295	EXCL. LKG	
AH LKG, %		8.34	GAS TEMP LVG =		283	INCL. LKG	
			AVE COLD END =	220	210		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	531		

SEC AH
TEST 18A : 04/28/92 : 1636-1820 : 90 MW : 11 TPH : 3 CYCLONES
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	816	AIR WT LVG =	923	737	MOIST =	5.1
GAS TEMP ENT =	676	641	GAS TEMP LVG =	315	295	EXCL. LKG	
AH LKG, %		8.34	GAS TEMP LVG =		283	INCL. LKG	
			AVE COLD END =	220	211		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	531		

SEC AH
TEST 45T : 03/02/91 : 1605-1658 : 86 MW : 12 TPH : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	756	AIR WT LVG =	923	683	MOIST =	5.1
GAS TEMP ENT =	676	629	GAS TEMP LVG =	315	289	EXCL. LKG	
AH LKG, %		6.48	GAS TEMP LVG =		279	INCL. LKG	
			AVE COLD END =	220	207		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	524		

SEC AH
TEST 45T : 03/02/91 : 1605-1658 : 86 MW : 12 TPH : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	763	AIR WT LVG =	923	689	MOIST =	5.1
GAS TEMP ENT =	676	629	GAS TEMP LVG =	315	289	EXCL. LKG	
AH LKG, %		6.48	GAS TEMP LVG =		279	INCL. LKG	
			AVE COLD END =	220	207		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	524		

SEC AH
TEST 5A : 04/06/92 : 1300-1506 : 82 MW : NO REBURN : ACCUREX TRAV
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	734	AIR WT LVG =	923	663	MOIST =	5.1
GAS TEMP ENT =	676	688	GAS TEMP LVG =	315	307	EXCL. LKG	
AH LKG, %		6.77	GAS TEMP LVG =		296	INCL. LKG	
			AVE COLD END =	220	217		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	574		

SEC AH
TEST 5A : 04/06/92 : 1300-1506 : 82 MW : NO REBURN : ACCUREX TRAV
JDR-060392

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	737	AIR WT LVG =	923	666	MOIST =	5.1
GAS TEMP ENT =	676	688	GAS TEMP LVG =	315	307	EXCL. LKG	
AH LKG, %		6.77	GAS TEMP LVG =		296	INCL. LKG	
			AVE COLD END =	220	217		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	573		

SEC AH
TEST 11A : 04/15/92 : 2130-2339 : 82 MW : 11.5 TPH: 160 RPM: LOW STOI
CJDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	738	AIR WT LVG =	923	666	MOIST =	5.1
GAS TEMP ENT =	676	623	GAS TEMP LVG =	315	286	EXCL. LKG	
AH LKG, %		8.12	GAS TEMP LVG =		274	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	520		

SEC AH
TEST 11A : 04/15/92 : 2130-2339 : 82 MW : 11.5 TPH: 160 RPM: LOW STOI
CJDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	740	AIR WT LVG =	923	668	MOIST =	5.1
GAS TEMP ENT =	676	623	GAS TEMP LVG =	315	286	EXCL. LKG	
AH LKG, %		8.12	GAS TEMP LVG =		275	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	520		

SEC AH
TEST 11B : 04/16/92 : 0042-0215 : 82 MW : 11.5 TPH : 160 RPM
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	738	AIR WT LVG =	923	667	MOIST =	5.1
GAS TEMP ENT =	676	621	GAS TEMP LVG =	315	286	EXCL. LKG	
AH LKG, %		8.45	GAS TEMP LVG =		274	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	518		

SEC AH
TEST 11B : 04/16/92 : 0042-0215 : 82 MW : 11.5 TPH : 160 RPM
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	743	AIR WT LVG =	923	671	MOIST =	5.1
GAS TEMP ENT =	676	621	GAS TEMP LVG =	315	286	EXCL. LKG	
AH LKG, %		8.45	GAS TEMP LVG =		274	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	518		

SEC AH
TEST 11C : 04/16/92 : 0236-0327 : 82 MW : 11.5 TPH: 160 RPM: HIGH OFA
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	735	AIR WT LVG =	923	664	MOIST =	5.1
GAS TEMP ENT =	676	616	GAS TEMP LVG =	315	284	EXCL. LKG	
AH LKG, %		8.45	GAS TEMP LVG =		272	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	514		

SEC AH
TEST 11C : 04/16/92 : 0236-0327 : 82 MW : 11.5 TPH: 160 RPM: HIGH OFA
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	739	AIR WT LVG =	923	667	MOIST =	5.1
GAS TEMP ENT =	676	616	GAS TEMP LVG =	315	284	EXCL. LKG	
AH LKG, %		8.45	GAS TEMP LVG =		272	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	514		

SEC AH
TEST 12A : 04/16/92 : 2047-2229 : 83 MW : 11.5 TPH: 160 RPM: MED STOI
CJDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	742	AIR WT LVG =	923	670	MOIST =	5.1
GAS TEMP ENT =	676	622	GAS TEMP LVG =	315	286	EXCL. LKG	
AH LKG, %		7.99	GAS TEMP LVG =		275	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	519		

SEC AH
TEST 12A : 04/16/92 : 2047-2229 : 83 MW : 11.5 TPH: 160 RPM: MED STOI
CJDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	747	AIR WT LVG =	923	675	MOIST =	5.1
GAS TEMP ENT =	676	622	GAS TEMP LVG =	315	286	EXCL. LKG	
AH LKG, %		7.99	GAS TEMP LVG =		275	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	519		

SEC AH
TEST 13A : 04/21/92 : 2202-2304 : 82 MW :11.5 TPH: 160 RPM: HIGH STOI
CJDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	735	AIR WT LVG =	923	664	MOIST =	5.1
GAS TEMP ENT =	676	663	GAS TEMP LVG =	315	299	EXCL. LKG	
AH LKG, %		7.80	GAS TEMP LVG =		287	INCL. LKG	
			AVE COLD END =	220	212		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	553		

SEC AH
TEST 13A : 04/21/92 : 2202-2304 : 82 MW :11.5 TPH: 160 RPM: HIGH STOI
CJDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	743	AIR WT LVG =	923	671	MOIST =	5.1
GAS TEMP ENT =	676	663	GAS TEMP LVG =	315	299	EXCL. LKG	
AH LKG, %		7.80	GAS TEMP LVG =		287	INCL. LKG	
			AVE COLD END =	220	213		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	552		

SEC AH
TEST 24B : 05/07/92 : 1723-1803 : 82 MW : 11.5 TPH

JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	741	AIR WT LVG =	923	669	MOIST =	5.1
GAS TEMP ENT =	676	628	GAS TEMP LVG =	315	288	EXCL. LKG	
AH LKG, %		9.62	GAS TEMP LVG =		274	INCL. LKG	
			AVE COLD END =	220	207		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	524		

SEC AH
TEST 24B : 05/07/92 : 1723-1803 : 82 MW : 11.5 TPH

JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	744	AIR WT LVG =	923	672	MOIST =	5.1
GAS TEMP ENT =	676	628	GAS TEMP LVG =	315	288	EXCL. LKG	
AH LKG, %		9.62	GAS TEMP LVG =		274	INCL. LKG	
			AVE COLD END =	220	207		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	524		

SEC AH
TEST 11T : 02/16/91 : 0814-0814 : 81 MW : SINGLE SCAN NO REBURN BASE
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	718	AIR WT LVG =	923	649	MOIST =	5.1
GAS TEMP ENT =	676	598	GAS TEMP LVG =	315	277	EXCL. LKG	
AH LKG, %		7.50	GAS TEMP LVG =		267	INCL. LKG	
			AVE COLD END =	220	201		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	500		

SEC AH
TEST 11T : 02/16/91 : 0814-0814 : 81 MW : SINGLE SCAN NO REBURN BASE
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	722	AIR WT LVG =	923	652	MOIST =	5.1
GAS TEMP ENT =	676	598	GAS TEMP LVG =	315	277	EXCL. LKG	
AH LKG, %		7.50	GAS TEMP LVG =		267	INCL. LKG	
			AVE COLD END =	220	202		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	500		

SEC AH
TEST 12T : 02/16/91 : 1229-1457 : 82 MW : 11.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	725	AIR WT LVG =	923	655	MOIST =	5.1
GAS TEMP ENT =	676	611	GAS TEMP LVG =	315	282	EXCL. LKG	
AH LKG, %		6.37	GAS TEMP LVG =		273	INCL. LKG	
			AVE COLD END =	220	204		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	510		

SEC AH
TEST 12T : 02/16/91 : 1229-1457 : 82 MW : 11.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	730	AIR WT LVG =	923	659	MOIST =	5.1
GAS TEMP ENT =	676	611	GAS TEMP LVG =	315	282	EXCL. LKG	
AH LKG, %		6.37	GAS TEMP LVG =		273	INCL. LKG	
			AVE COLD END =	220	204		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	510		

SEC AH
TEST 13T : 02/16/91 : 1508-1759 : 82 MW : 11.5 TPH : LOW STOIC 147 RP
MJDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	725	AIR WT LVG =	923	655	MOIST =	5.1
GAS TEMP ENT =	676	619	GAS TEMP LVG =	315	284	EXCL. LKG	
AH LKG, %		6.44	GAS TEMP LVG =		275	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	517		

SEC AH
TEST 13T : 02/16/91 : 1508-1759 : 82 MW : 11.5 TPH : LOW STOIC 147 RP
MJDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	731	AIR WT LVG =	923	660	MOIST =	5.1
GAS TEMP ENT =	676	619	GAS TEMP LVG =	315	284	EXCL. LKG	
AH LKG, %		6.44	GAS TEMP LVG =		275	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	517		

SEC AH
TEST 14T : 02/16/91 : 1814-2004 : 82 MW : 11.5 TPH : LOW STOIC 160 RP
MJDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	721	AIR WT LVG =	923	651	MOIST =	5.1
GAS TEMP ENT =	676	624	GAS TEMP LVG =	315	286	EXCL. LKG	
AH LKG, %		6.66	GAS TEMP LVG =		276	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	521		

SEC AH
TEST 14T : 02/16/91 : 1814-2004 : 82 MW : 11.5 TPH : LOW STOIC 160 RP
MJDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	727	AIR WT LVG =	923	656	MOIST =	5.1
GAS TEMP ENT =	676	624	GAS TEMP LVG =	315	286	EXCL. LKG	
AH LKG, %		6.66	GAS TEMP LVG =		276	INCL. LKG	
			AVE COLD END =	220	206		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	521		

SEC AH
TEST 33T : 02/24/91 : 2158-2209 : 83 MW : SINGLE SCAN NO REBURN BASE
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	737	AIR WT LVG =	923	666	MOIST =	5.1
GAS TEMP ENT =	676	598	GAS TEMP LVG =	315	278	EXCL. LKG	
AH LKG, %		7.58	GAS TEMP LVG =		267	INCL. LKG	
			AVE COLD END =	220	202		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	499		

SEC AH
TEST 33T : 02/24/91 : 2158-2209 : 83 MW : SINGLE SCAN NO REBURN BASE
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	735	AIR WT LVG =	923	663	MOIST =	5.1
GAS TEMP ENT =	676	598	GAS TEMP LVG =	315	278	EXCL. LKG	
AH LKG, %		7.58	GAS TEMP LVG =		267	INCL. LKG	
			AVE COLD END =	220	202		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	499		

SEC AH
TEST 34T : 02/24/91 : 2250-2306 : 83 MW : 11.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	727	AIR WT LVG =	923	657	MOIST =	5.1
GAS TEMP ENT =	676	608	GAS TEMP LVG =	315	281	EXCL. LKG	
AH LKG, %		6.44	GAS TEMP LVG =		272	INCL. LKG	
			AVE COLD END =	220	203		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	508		

SEC AH
TEST 34T : 02/24/91 : 2250-2306 : 83 MW : 11.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	732	AIR WT LVG =	923	661	MOIST =	5.1
GAS TEMP ENT =	676	608	GAS TEMP LVG =	315	281	EXCL. LKG	
AH LKG, %		6.44	GAS TEMP LVG =		272	INCL. LKG	
			AVE COLD END =	220	203		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	508		

SEC AH
TEST 28T : 02/22/91 : 1101-1257 : 83 MW : 11.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	731	AIR WT LVG =	923	660	MOIST =	5.1
GAS TEMP ENT =	676	612	GAS TEMP LVG =	315	282	EXCL. LKG	
AH LKG, %		6.24	GAS TEMP LVG =		273	INCL. LKG	
			AVE COLD END =	220	204		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	511		

SEC AH
TEST 28T : 02/22/91 : 1101-1257 : 83 MW : 11.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	736	AIR WT LVG =	923	664	MOIST =	5.1
GAS TEMP ENT =	676	612	GAS TEMP LVG =	315	282	EXCL. LKG	
AH LKG, %		6.24	GAS TEMP LVG =		274	INCL. LKG	
			AVE COLD END =	220	204		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	511		

SEC AH
TEST 29T : 02/22/91 : 1504-1610 : 83 MW : 11.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	740	AIR WT LVG =	923	668	MOIST =	5.1
GAS TEMP ENT =	676	618	GAS TEMP LVG =	315	284	EXCL. LKG	
AH LKG, %		6.29	GAS TEMP LVG =		275	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	516		

SEC AH
TEST 29T : 02/22/91 : 1504-1610 : 83 MW : 11.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	745	AIR WT LVG =	923	673	MOIST =	5.1
GAS TEMP ENT =	676	618	GAS TEMP LVG =	315	285	EXCL. LKG	
AH LKG, %		6.29	GAS TEMP LVG =		276	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	515		

SEC AH
TEST 46T : 03/03/91 : 1038-1202 : 83 MW : 11.5 TPH : NO GR TO BNRS
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	730	AIR WT LVG =	923	659	MOIST =	5.1
GAS TEMP ENT =	676	616	GAS TEMP LVG =	315	284	EXCL. LKG	
AH LKG, %		6.11	GAS TEMP LVG =		275	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	515		

SEC AH
TEST 46T : 03/03/91 : 1038-1202 : 83 MW : 11.5 TPH : NO GR TO BNRS
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	738	AIR WT LVG =	923	666	MOIST =	5.1
GAS TEMP ENT =	676	616	GAS TEMP LVG =	315	284	EXCL. LKG	
AH LKG, %		6.11	GAS TEMP LVG =		275	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	514		

SEC AH
TEST 47T : 03/03/91 : 1333-1426 : 82 MW : 11.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	723	AIR WT LVG =	923	653	MOIST =	5.1
GAS TEMP ENT =	676	621	GAS TEMP LVG =	315	285	EXCL. LKG	
AH LKG, %		6.15	GAS TEMP LVG =		276	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	519		

SEC AH
TEST 47T : 03/03/91 : 1333-1426 : 82 MW : 11.5 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	729	AIR WT LVG =	923	659	MOIST =	5.1
GAS TEMP ENT =	676	621	GAS TEMP LVG =	315	285	EXCL. LKG	
AH LKG, %		6.15	GAS TEMP LVG =		276	INCL. LKG	
			AVE COLD END =	220	205		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	519		

SEC AH
TEST 49T : 03/04/91 : 1101-1154 : 82 MW : 12.8 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	724	AIR WT LVG =	923	654	MOIST =	5.1
GAS TEMP ENT =	676	609	GAS TEMP LVG =	315	281	EXCL. LKG	
AH LKG, %		6.79	GAS TEMP LVG =		272	INCL. LKG	
			AVE COLD END =	220	203		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	509		

SEC AH
TEST 49T : 03/04/91 : 1101-1154 : 82 MW : 12.8 TPH : LOW STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	727	AIR WT LVG =	923	657	MOIST =	5.1
GAS TEMP ENT =	676	609	GAS TEMP LVG =	315	281	EXCL. LKG	
AH LKG, %		6.79	GAS TEMP LVG =		272	INCL. LKG	
			AVE COLD END =	220	203		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	509		

SEC AH
TEST 12B : 04/16/92 : 2321-0103 : 83 MW :10.5 TPH: 160 RPM: HIGH STOI
CJDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	744	AIR WT LVG =	923	672	MOIST =	5.1
GAS TEMP ENT =	676	636	GAS TEMP LVG =	315	291	EXCL. LKG	
AH LKG, %		8.20	GAS TEMP LVG =		279	INCL. LKG	
			AVE COLD END =	220	208		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	530		

SEC AH
TEST 12B : 04/16/92 : 2321-0103 : 83 MW :10.5 TPH: 160 RPM: HIGH STOI
CJDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	746	AIR WT LVG =	923	674	MOIST =	5.1
GAS TEMP ENT =	676	636	GAS TEMP LVG =	315	291	EXCL. LKG	
AH LKG, %		8.20	GAS TEMP LVG =		279	INCL. LKG	
			AVE COLD END =	220	208		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	530		

SEC AH
TEST 37T : 02/25/91 : 2058-2127 : 70 MW : SINGLE SCAN NO REBURN BASE
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	622	AIR WT LVG =	923	562	MOIST =	5.1
GAS TEMP ENT =	676	595	GAS TEMP LVG =	315	272	EXCL. LKG	
AH LKG, %		6.16	GAS TEMP LVG =		264	INCL. LKG	
			AVE COLD END =	220	199		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	502		

SEC AH
TEST 42T : 02/27/91 : 0044-0301 : 71 MW : 11 TPH : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	617	AIR WT LVG =	923	557	MOIST =	5.1
GAS TEMP ENT =	676	602	GAS TEMP LVG =	315	274	EXCL. LKG	
AH LKG, %		6.61	GAS TEMP LVG =		265	INCL. LKG	
			AVE COLD END =	220	200		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	508		

SEC AH
TEST 42T : 02/27/91 : 0044-0301 : 71 MW : 11 TPH : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	624	AIR WT LVG =	923	563	MOIST =	5.1
GAS TEMP ENT =	676	602	GAS TEMP LVG =	315	274	EXCL. LKG	
AH LKG, %		6.61	GAS TEMP LVG =		265	INCL. LKG	
			AVE COLD END =	220	200		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	508		

SEC AH
TEST 38T : 02/25/91 : 2230-2302 : 70 MW : 11.5 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	617	AIR WT LVG =	923	557	MOIST =	5.1
GAS TEMP ENT =	676	596	GAS TEMP LVG =	315	272	EXCL. LKG	
AH LKG, %		6.16	GAS TEMP LVG =		264	INCL. LKG	
			AVE COLD END =	220	199		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	503		

SEC AH
TEST 38T : 02/25/91 : 2230-2302 : 70 MW : 11.5 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	623	AIR WT LVG =	923	563	MOIST =	5.1
GAS TEMP ENT =	676	596	GAS TEMP LVG =	315	272	EXCL. LKG	
AH LKG, %		6.16	GAS TEMP LVG =		264	INCL. LKG	
			AVE COLD END =	220	199		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	503		

SEC AH
TEST 35T : 02/25/92 : 0029-0132 : 70 MW : 11.5 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	614	AIR WT LVG =	923	554	MOIST =	5.1
GAS TEMP ENT =	676	590	GAS TEMP LVG =	315	270	EXCL. LKG	
AH LKG, %		5.70	GAS TEMP LVG =		263	INCL. LKG	
			AVE COLD END =	220	198		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	499		

SEC AH
TEST 35T : 02/25/92 : 0029-0132 : 70 MW : 11.5 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	620	AIR WT LVG =	923	560	MOIST =	5.1
GAS TEMP ENT =	676	590	GAS TEMP LVG =	315	270	EXCL. LKG	
AH LKG, %		5.70	GAS TEMP LVG =		263	INCL. LKG	
			AVE COLD END =	220	198		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	498		

SEC AH
TEST 39T : 02/26/91 : 0005-0201 : 70 MW : 11.5 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	617	AIR WT LVG =	923	557	MOIST =	5.1
GAS TEMP ENT =	676	596	GAS TEMP LVG =	315	272	EXCL. LKG	
AH LKG, %		5.88	GAS TEMP LVG =		264	INCL. LKG	
			AVE COLD END =	220	199		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	503		

SEC AH
TEST 39T : 02/26/91 : 0005-0201 : 70 MW : 11.5 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	623	AIR WT LVG =	923	563	MOIST =	5.1
GAS TEMP ENT =	676	596	GAS TEMP LVG =	315	272	EXCL. LKG	
AH LKG, %		5.88	GAS TEMP LVG =		265	INCL. LKG	
			AVE COLD END =	220	199		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	503		

SEC AH
TEST 1A : 03/31/91 : 1435-1642 : 68 MW : NO REBURN

JDR060192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	601	AIR WT LVG =	923	542	MOIST =	5.1
GAS TEMP ENT =	676	656	GAS TEMP LVG =	315	290	EXCL. LKG	
AH LKG, %		6.93	GAS TEMP LVG =		280	INCL. LKG	
			AVE COLD END =	220	208		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	554		

SEC AH
TEST 1A : 03/31/91 : 1435-1642 : 68 MW : NO REBURN

JDR060192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	604	AIR WT LVG =	923	545	MOIST =	5.1
GAS TEMP ENT =	676	656	GAS TEMP LVG =	315	290	EXCL. LKG	
AH LKG, %		6.93	GAS TEMP LVG =		280	INCL. LKG	
			AVE COLD END =	220	208		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	554		

SEC AH
TEST 19B : 05/01/92 : 0115-0157 : 60 MW : 8 TPH : .944 RBN STOIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	542	AIR WT LVG =	923	489	MOIST =	5.2
GAS TEMP ENT =	676	607	GAS TEMP LVG =	315	272	EXCL. LKG	
AH LKG, %		14.20	GAS TEMP LVG =		254	INCL. LKG	
			AVE COLD END =	220	199		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	516		

SEC AH
TEST 19B : 05/01/92 : 0115-0157 : 60 MW : 8 TPH : .944 RBN STOIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	552	AIR WT LVG =	923	498	MOIST =	5.2
GAS TEMP ENT =	676	607	GAS TEMP LVG =	315	272	EXCL. LKG	
AH LKG, %		14.20	GAS TEMP LVG =		255	INCL. LKG	
			AVE COLD END =	220	199		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	516		

SEC AH
TEST 22B : 05/06/92 : 1636-1809 : 60 MW : AFTER RAMP DOWN IN AUTO
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	559	AIR WT LVG =	923	505	MOIST =	5.2
GAS TEMP ENT =	676	592	GAS TEMP LVG =	315	268	EXCL. LKG	
AH LKG, %		9.66	GAS TEMP LVG =		256	INCL. LKG	
			AVE COLD END =	220	197		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	503		

SEC AH
TEST 22B : 05/06/92 : 1636-1809 : 60 MW : AFTER RAMP DOWN IN AUTO
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	549	AIR WT LVG =	923	496	MOIST =	5.2
GAS TEMP ENT =	676	592	GAS TEMP LVG =	315	268	EXCL. LKG	
AH LKG, %		9.66	GAS TEMP LVG =		256	INCL. LKG	
			AVE COLD END =	220	197		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	504		

SEC AH
TEST 22B : 05/06/92 : 1636-1809 : 60 MW : AFTER RAMP DOWN IN AUTO
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	559	AIR WT LVG =	923	505	MOIST =	5.2
GAS TEMP ENT =	676	592	GAS TEMP LVG =	315	268	EXCL. LKG	
AH LKG, %		9.66	GAS TEMP LVG =		256	INCL. LKG	
			AVE COLD END =	220	197		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	503		

SEC AH
TEST 15A : 04/23/92 : 2241-0045 : 59 MW : 8 TPH: 160 RPM: LOW STOIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	531	AIR WT LVG =	923	479	MOIST =	5.1
GAS TEMP ENT =	676	584	GAS TEMP LVG =	315	264	EXCL. LKG	
AH LKG, %		10.01	GAS TEMP LVG =		252	INCL. LKG	
			AVE COLD END =	220	195		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	498		

SEC AH
TEST 15A : 04/23/92 : 2241-0045 : 59 MW : 8 TPH: 160 RPM: LOW STOIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	538	AIR WT LVG =	923	486	MOIST =	5.1
GAS TEMP ENT =	676	584	GAS TEMP LVG =	315	265	EXCL. LKG	
AH LKG, %		10.01	GAS TEMP LVG =		252	INCL. LKG	
			AVE COLD END =	220	195		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	498		

SEC AH
TEST 44T : 02/27/91 : 2103-2124 : 66 MW :10 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	582	AIR WT LVG =	923	525	MOIST =	5.1
GAS TEMP ENT =	676	587	GAS TEMP LVG =	315	267	EXCL. LKG	
AH LKG, %		6.22	GAS TEMP LVG =		260	INCL. LKG	
			AVE COLD END =	220	197		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	497		

SEC AH
TEST 44T : 02/27/91 : 2103-2124 : 66 MW :10 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	589	AIR WT LVG =	923	532	MOIST =	5.1
GAS TEMP ENT =	676	587	GAS TEMP LVG =	315	268	EXCL. LKG	
AH LKG, %		6.22	GAS TEMP LVG =		260	INCL. LKG	
			AVE COLD END =	220	197		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	497		

SEC AH
TEST 48T : 03/03/91 : 2206-2349 : 57 MW : 7.9 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	503	AIR WT LVG =	923	454	MOIST =	5.2
GAS TEMP ENT =	676	565	GAS TEMP LVG =	315	257	EXCL. LKG	
AH LKG, %		6.22	GAS TEMP LVG =		250	INCL. LKG	
			AVE COLD END =	220	191		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	484		

SEC AH
TEST 48T : 03/03/91 : 2206-2349 : 57 MW : 7.9 TPH : HIGH STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	511	AIR WT LVG =	923	461	MOIST =	5.2
GAS TEMP ENT =	676	565	GAS TEMP LVG =	315	257	EXCL. LKG	
AH LKG, %		6.22	GAS TEMP LVG =		250	INCL. LKG	
			AVE COLD END =	220	192		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	483		

SEC AH
TEST 30T : 02/23/91 : 0859-0930 : 56 MW : NO REBURN

JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	503	AIR WT LVG =	923	454	MOIST =	5.1
GAS TEMP ENT =	676	575	GAS TEMP LVG =	315	260	EXCL. LKG	
AH LKG, %		1.13	GAS TEMP LVG =		259	INCL. LKG	
			AVE COLD END =	220	193		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	492		

SEC AH
TEST 30T : 02/23/91 : 0859-0930 : 56 MW : NO REBURN

JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	504	AIR WT LVG =	923	455	MOIST =	5.1
GAS TEMP ENT =	676	575	GAS TEMP LVG =	315	260	EXCL. LKG	
AH LKG, %		1.13	GAS TEMP LVG =		259	INCL. LKG	
			AVE COLD END =	220	193		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	492		

SEC AH
TEST 43T : 02/27/91 : 0420-0532 : 55 MW : 8 TPH : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	488	AIR WT LVG =	923	440	MOIST = 5.2
GAS TEMP ENT =	676	566	GAS TEMP LVG =	315	257	EXCL. LKG
AH LKG, %		6.70	GAS TEMP LVG =		249	INCL. LKG
			AVE COLD END =	220	191	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	485	

SEC AH
TEST 43T : 02/27/91 : 0420-0532 : 55 MW : 8 TPH : MED STOICH
JDR-050192

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	497	AIR WT LVG =	923	449	MOIST = 5.2
GAS TEMP ENT =	676	566	GAS TEMP LVG =	315	257	EXCL. LKG
AH LKG, %		6.70	GAS TEMP LVG =		249	INCL. LKG
			AVE COLD END =	220	191	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	485	

SEC AH
TEST 40T : 02/26/91 : 0535-0552 : 55 MW : 8.4 TPH : HIGH CYC STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	485	AIR WT LVG =	923	438	MOIST =	5.2
GAS TEMP ENT =	676	588	GAS TEMP LVG =	315	263	EXCL. LKG	
AH LKG, %		6.31	GAS TEMP LVG =		255	INCL. LKG	
			AVE COLD END =	220	194		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	503		

SEC AH
TEST 40T : 02/26/91 : 0535-0552 : 55 MW : 8.4 TPH : HIGH CYC STOICH
JDR-050192

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	494	AIR WT LVG =	923	446	MOIST =	5.2
GAS TEMP ENT =	676	588	GAS TEMP LVG =	315	263	EXCL. LKG	
AH LKG, %		6.31	GAS TEMP LVG =		255	INCL. LKG	
			AVE COLD END =	220	195		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	503		

SEC AH
TEST 41T : 02/26/91 : 0559-0610 : 55 MW : 8.4 TPH : LOW CYC STOICH
JDR-050192

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	480	AIR WT LVG =	923	434	MOIST = 5.2
GAS TEMP ENT =	676	589	GAS TEMP LVG =	315	263	EXCL. LKG
AH LKG, %		6.29	GAS TEMP LVG =		255	INCL. LKG
			AVE COLD END =	220	194	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	505	

SEC AH
TEST 41T : 02/26/91 : 0559-0610 : 55 MW : 8.4 TPH : LOW CYC STOICH
JDR-050192

	BASE	NEW		BASE	NEW	
GAS WT ENT =	1022	489	AIR WT LVG =	923	442	MOIST = 5.2
GAS TEMP ENT =	676	589	GAS TEMP LVG =	315	264	EXCL. LKG
AH LKG, %		6.29	GAS TEMP LVG =		256	INCL. LKG
			AVE COLD END =	220	195	
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	505	

SEC AH
TEST 14A : 04/22/92 : 2232-0036 : 55 MW : 8 TPH : 160 RPM: HIGH STOIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	507	AIR WT LVG =	923	458	MOIST =	5.1
GAS TEMP ENT =	676	566	GAS TEMP LVG =	315	257	EXCL. LKG	
AH LKG, %		13.18	GAS TEMP LVG =		243	INCL. LKG	
			AVE COLD END =	220	192		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	484		

SEC AH
TEST 14A : 04/22/92 : 2232-0036 : 55 MW : 8 TPH : 160 RPM: HIGH STOIC
JDR-060492

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	515	AIR WT LVG =	923	465	MOIST =	5.1
GAS TEMP ENT =	676	566	GAS TEMP LVG =	315	258	EXCL. LKG	
AH LKG, %		13.18	GAS TEMP LVG =		243	INCL. LKG	
			AVE COLD END =	220	192		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	483		

SEC AH
TEST 19A : 04/29/92 : 1745-1859 : 82 MW : CONTROLS AUTO WITH CASCADE
JDR-070292

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	734	AIR WT LVG =	923	663	MOIST =	5.1
GAS TEMP ENT =	676	646	GAS TEMP LVG =	315	293	EXCL. LKG	
AH LKG, %		9.04	GAS TEMP LVG =		280	INCL. LKG	
			AVE COLD END =	220	210		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	539		

SEC AH
TEST 19A : 04/29/92 : 1745-1859 : 82 MW : CONTROLS AUTO WITH CASCADE
JDR-070292

	BASE	NEW		BASE	NEW		
GAS WT ENT =	1022	744	AIR WT LVG =	923	672	MOIST =	5.1
GAS TEMP ENT =	676	646	GAS TEMP LVG =	315	294	EXCL. LKG	
AH LKG, %		9.04	GAS TEMP LVG =		281	INCL. LKG	
			AVE COLD END =	220	210		
AIR TEMP ENT =	126	126	AIR TEMP LVG =	552	538		

APPENDIX NO. 13

1990 Baseline Test Data Summary
Re-evaluation with Revised Gas Recirculation Flows

1990 BASELINE TEST DATA SUMMARY

	TEST MW	DATE MO DAY YEAR	LOAD MW	STEAM FLOW KLB/HR	SH OUT TEMP	RH OUT TEMP	SH SPRAY FLOW KLB/HR	RH SPRAY FLOW KLB/HR	CYCLON COAL FLOW KLB/HR	% OF MAX CYCLON INPUT	CYC IN SERV	REBURN INPUT %	REBURN INPUT KLB/HR	ROTARY CLASS. RPM	EXCESS AIR %	REBURN STOICH	CYCLONE STOICH	ACTUAL FLYASH SPLIT %	ADJUSTED FLYASH SPLIT %
41	26	5 30 90	112	807.00	995	997	64.83	26.71	96.20	100.21	3	0.00	0.00	0	12.80	0.0000	0.0000	0.00	0.00
42	27	5 31 90	110	783.70	999	999	54.08	19.76	94.10	98.02	3	0.00	0.00	0	17.00	0.0000	0.0000	0.00	0.00
43	28	5 31 90	101	696.90	1000	1002	37.89	11.72	85.00	88.54	3	0.00	0.00	0	16.20	0.0000	0.0000	0.00	0.00
44	29	5 31 90	69	449.40	995	1002	3.14	0.00	57.10	59.48	3	0.00	0.00	0	17.40	0.0000	0.0000	0.00	0.00
45	30	6 1 90	101	702.90	999	997	34.45	8.82	84.60	88.13	3	0.00	0.00	0	16.80	0.0000	0.0000	0.00	0.00
46	31	6 1 90	100	685.30	998	997	21.45	0.00	82.80	86.25	3	0.00	0.00	0	9.90	0.0000	0.0000	0.00	0.00
47	32	6 1 90	100	696.70	997	996	15.74	0.00	83.00	86.46	3	0.00	0.00	0	7.30	0.0000	0.0000	0.00	0.00
48	33A	6 5 90	111	786.80	997	1000	54.32	26.54	120.50	105.70	3	0.00	0.00	0	16.20	0.0000	0.0000	0.00	0.00
49	34A	6 6 90	111	784.40	997	1001	56.89	26.78	120.30	105.53	3	0.00	0.00	0	15.70	0.0000	0.0000	0.00	0.00
50	34	6 6 90	111	785.30	997	1001	51.78	26.72	120.20	105.44	3	0.00	0.00	0	16.10	0.0000	0.0000	0.00	0.00
51	35	6 7 90	110	786.30	997	999	56.48	27.00	121.00	106.14	3	0.00	0.00	0	15.10	0.0000	0.0000	0.00	0.00

1990 BASELINE TEST DATA SUMMARY

	TEST MW	ACTUAL UBC LB/ 100LB	ADJUSTED UBC LB/ 100LB	UBC EFF LOSS %	GAS WT. WITHOUT RECIRC. MLB/HR	TOTAL GR MLB/HR	GR TO REBURN KLB/HR	AS TESTED EFF %	CORR. EFF %	ACT. FEGT	TOTAL SEC KF	SEC IN KF	SEC OUT KF	PTI KF	RH KF	ECON KF	DRY GAS LOSS %	EXIT GAS TEMP CORR
1	1	0.00	0.00	0.11	1113.0	0.00	0.0	87.58	88.36	2212	0.99	1.07	0.91	0.92	1.22	0.86	4.27	320.30
2	2A	0.03	0.03	0.11	1119.0	0.00	0.0	87.35	88.03	2249	0.88	0.93	0.83	0.89	1.00	0.78	4.57	333.90
3	2	0.00	0.00	0.11	1076.0	0.00	0.0	87.42	87.98	2248	0.93	1.06	0.81	0.85	0.95	0.75	4.62	336.30
4	3A	0.04	0.04	0.12	1102.0	0.00	0.0	87.55	88.27	2239	0.94	1.02	0.87	0.93	1.01	0.84	4.34	323.50
5	3	0.00	0.00	0.12	1098.00	0.00	0.0	87.37	88.11	2253	1.03	1.15	0.94	0.94	0.89	0.81	4.49	330.40
6	4-1	0.00	0.00	0.15	990.0	0.00	0.0	87.58	88.26	2265	0.98	1.08	0.88	0.86	0.99	0.79	4.32	322.70
7	4A	0.04	0.04	0.15	1003.0	0.00	0.0	87.32	87.99	2302	0.89	0.97	0.83	0.81	0.92	0.74	4.57	333.80
8	4-2	0.00	0.00	0.15	996.0	0.00	0.0	87.27	87.98	2232	0.84	0.88	0.79	0.78	0.91	0.75	4.58	334.20
9	5A	0.07	0.07	0.27	967.0	0.00	0.0	87.92	88.32	2221	0.94	1.01	0.86	0.93	1.16	0.85	4.15	315.10
10	5	0.00	0.00	0.27	973.0	0.00	0.0	87.97	88.29	2210	0.96	1.04	0.87	0.90	1.10	0.82	4.19	316.80
11	6A	0.12	0.12	0.26	969.0	0.00	0.0	88.02	88.45	2217	1.00	1.10	0.90	0.96	1.10	0.85	4.04	309.90
12	6	0.00	0.00	0.26	976.0	0.00	0.0	88.22	88.43	2239	0.97	1.09	0.86	0.97	1.04	0.86	4.07	311.40
13	7A	0.06	0.06	0.18	1026.0	0.00	0.0	87.98	88.39	2208	0.99	1.07	0.92	0.94	1.07	0.83	4.17	315.80
14	7	0.00	0.00	0.18	1027.0	0.00	0.0	87.75	88.28	2221	0.93	1.01	0.86	0.95	1.00	0.80	4.27	320.30
15	8A	0.06	0.06	0.21	1029.0	0.00	0.0	87.89	88.35	2239	1.01	1.12	0.92	0.95	1.07	0.85	4.19	316.80
16	8A1	0.00	0.00	0.21	1032.0	0.00	0.0	87.74	88.24	2240	0.97	1.08	0.89	0.92	1.04	0.85	4.28	320.80
17	8	0.00	0.00	0.21	1026.0	0.00	0.0	87.61	88.06	2237	0.96	1.07	0.86	0.86	0.96	0.79	4.44	328.00
18	9A	0.08	0.08	0.20	1033.0	0.00	0.0	87.87	88.40	2239	0.92	0.98	0.87	0.97	1.09	0.87	4.15	315.10
19	9	0.00	0.00	0.20	1039.0	0.00	0.0	87.87	88.47	2250	0.88	0.93	0.84	1.05	1.09	0.91	4.09	312.30
20	10A	0.07	0.07	0.18	727.0	72.00	0.0	88.04	88.81	1978	1.10	1.20	1.00	1.19	0.98	0.80	3.50	285.10
21	10	0.00	0.00	0.18	721.0	90.00	0.0	88.11	88.67	1936	1.02	1.09	0.95	1.12	0.93	0.75	3.62	290.80
22	11A	0.09	0.09	0.21	717.0	75.00	0.0	87.94	88.73	1950	0.96	1.02	0.90	0.99	1.14	0.79	3.54	287.10
23	11	0.00	0.00	0.21	723.0	78.00	0.0	87.82	88.55	1966	0.91	0.97	0.85	0.91	1.06	0.72	3.72	295.50
24	12A	0.13	0.13	0.27	718.0	143.00	0.0	87.98	88.62	1912	1.10	1.24	0.98	0.96	1.23	0.75	3.60	289.80
25	12	0.00	0.00	0.27	732.0	162.00	0.0	87.68	88.42	1925	1.16	1.32	1.03	0.90	1.12	0.72	3.78	298.00
26	13A	0.25	0.25	0.40	477.0	369.00	0.0	87.45	88.45	1463	1.25	1.35	1.17	1.20	1.23	0.82	3.09	267.10
27	13	0.00	0.00	0.40	479.0	357.00	0.0	87.51	88.51	1480	1.26	1.35	1.19	1.12	1.37	0.85	3.04	264.50
28	14A	0.19	0.19	0.32	477.0	374.00	0.0	87.21	88.73	1421	1.46	1.59	1.34	1.39	1.41	0.91	2.91	258.60
29	14	0.00	0.00	0.32	478.0	364.00	0.0	87.41	88.71	1429	1.34	1.53	1.19	1.29	1.40	0.91	2.93	259.60
30	15A	0.24	0.24	0.46	477.0	320.00	0.0	87.17	88.58	1463	1.38	1.56	1.22	1.15	1.48	0.86	2.92	259.20
31	16	0.00	0.00	0.20	1029.0	0.00	0.0	87.98	88.42	2187	0.97	1.04	0.90	1.00	1.00	0.87	4.13	314.00
32	17	0.00	0.00	0.23	994.0	0.00	0.0	87.97	88.36	2193	0.94	1.02	0.87	0.99	1.00	0.87	4.15	315.20
33	18	0.00	0.00	0.23	951.0	0.00	0.0	88.09	88.30	2178	0.91	0.99	0.84	0.91	1.00	0.83	4.20	317.40
34	19	0.00	0.00	0.23	959.0	92.00	0.0	88.28	88.17	2131	1.00	1.10	0.90	0.92	1.01	0.78	4.33	232.20
35	20	0.00	0.00	0.23	655.0	91.00	0.0	87.83	88.07	2146	0.98	1.08	0.89	0.90	1.00	0.77	4.08	312.00
36	21	0.00	0.00	0.23	970.0	104.00	0.0	88.25	88.00	2161	0.96	1.07	0.87	0.87	1.00	0.76	4.49	330.70
37	22	0.00	0.00	0.23	974.0	153.00	0.0	88.17	87.87	2148	0.99	1.09	0.90	0.85	1.01	0.73	4.61	335.80
38	23	0.00	0.00	0.23	980.0	216.00	0.0	88.07	87.79	2107	1.03	1.15	0.93	0.88	1.04	0.69	4.68	339.30
39	24	0.00	0.00	0.23	983.0	232.00	0.0	88.00	87.74	2114	1.01	1.14	0.90	0.83	0.99	0.73	4.73	341.30
40	25	0.00	0.00	0.23	987.0	246.00	0.0	87.94	87.65	2135	0.99	1.12	0.89	0.81	0.96	0.72	4.81	345.20

1990 BASELINE TEST DATA SUMMARY

	TEST MW	ACTUAL UBC LB/ 100LB	ADJUSTED UBC LB/ 100LB	UBC EFF LOSS %	GAS WT. WITHOUT RECIRC. MLB/HR	TOTAL GR MLB/HR	GR TO REBURN KLB/HR	AS TESTED EFF %	CORR. EFF %	ACT. FEGT	TOTAL SEC KF	SEC IN KF	SEC OUT KF	PTI KF	RH KF	ECON KF	DRY GAS LOSS %	EXIT GAS TEMP CORR
41	26	0.00	0.00	0.23	1019.0	220.00	0.0	87.69	87.55	2157	0.97	1.11	0.85	0.81	0.93	0.73	4.90	349.20
42	27	0.00	0.00	0.20	1033.0	0.00	0.0	87.80	88.31	2254	0.91	0.98	0.85	0.99	1.01	0.84	4.24	319.20
43	28	0.00	0.00	0.20	927.0	0.00	0.0	87.46	88.07	2251	0.80	0.84	0.77	0.84	0.86	0.74	4.37	324.70
44	29	0.00	0.00	0.22	628.0	120.00	0.0	87.32	88.57	1836	0.89	0.94	0.84	1.01	0.98	0.69	3.51	286.00
45	30	0.00	0.00	0.20	931.0	0.00	0.0	87.90	88.48	2172	0.95	1.01	0.87	0.97	0.99	0.84	3.99	307.50
46	31	0.00	0.00	0.20	862.0	0.00	0.0	87.97	88.48	2182	0.89	0.96	0.83	0.94	0.97	0.81	3.97	306.60
47	32	0.00	0.00	0.20	845.0	0.00	0.0	88.08	88.51	2189	0.87	0.93	0.82	0.92	0.99	0.79	3.98	306.30
48	33A	0.00	0.00	0.37	1076.0	0.00	0.0	85.59	87.94	2231	0.86	0.94	0.79	0.95	1.01	0.79	4.41	327.30
49	34A	0.00	0.00	0.50	1070.0	0.00	0.0	85.44	87.77	2236	0.88	0.98	0.80	0.95	0.98	0.72	4.45	329.20
50	34	0.00	0.00	0.50	1072.0	0.00	0.0	85.66	87.78	2227	0.85	0.95	0.77	0.96	1.00	0.75	4.44	328.80
51	35	0.00	0.00	0.43	1071.0	0.00	0.0	85.55	87.73	2257	0.81	0.87	0.77	0.87	1.08	0.74	4.55	333.80

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 2A

TOTAL COAL FLOW	KLB/HR	96.80
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	96.80
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	8.65
CARBON IN BOTTOM ASH	%	.20
~~ACUREX FLYASH CATCH~~	~~GR/DSCF~~	~~.14~~
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1119.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 259.57
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 22.45

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4801.28

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4564.16
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 9.13

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4832.86

FLYASH % = 5.37
BOTTOM ASH % = 94.63

MASS ASH FROM CYCLONES = 4801.28
% CYCLONE ASH AS BOTTOM ASH = 95.25
% CYCLONE ASH AS FLYASH = 4.75

WEIGHT AVG C IN ASH = .65
UNBURNED CARBON % = .03

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 3A

TOTAL COAL FLOW	KLB/HR	96.30
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	96.30
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	9.77
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.15
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1102.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 273.91
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 26.76

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4776.48

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4529.33
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 9.06

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4812.30

FLYASH % = 5.69
BOTTOM ASH % = 94.31

MASS ASH FROM CYCLONES = 4776.48
% CYCLONE ASH AS BOTTOM ASH = 95.02
% CYCLONE ASH AS FLYASH = 4.98

WEIGHT AVG C IN ASH = .74
UNBURNED CARBON % = .04

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 4A

TOTAL COAL FLOW	KLB/HR	95.00
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	95.00
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	12.15
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.17
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1003.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 275.39
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 33.46

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4712.00

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4470.07
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.94

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4754.40

FLYASH % = 5.79
BOTTOM ASH % = 94.21

MASS ASH FROM CYCLONES = 4712.00
% CYCLONE ASH AS BOTTOM ASH = 95.06
% CYCLONE ASH AS FLYASH = 4.94

WEIGHT AVG C IN ASH = .89
UNBURNED CARBON % = .04

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 5A

TOTAL COAL FLOW	KLB/HR	93.40
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	93.40
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	21.57
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.15
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	967.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 245.00
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 52.85

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4632.64

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4440.49
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.88

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4694.37

FLYASH % = 5.22
BOTTOM ASH % = 94.78

MASS ASH FROM CYCLONES = 4632.64
% CYCLONE ASH AS BOTTOM ASH = 96.04
% CYCLONE ASH AS FLYASH = 3.96

WEIGHT AVG C IN ASH = 1.32
UNBURNED CARBON % = .07

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 6A

TOTAL COAL FLOW	KLB/HR	93.10
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	93.10
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	20.16
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.31
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	969.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 500.91
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 100.98

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4617.76

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4217.83
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.44

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4727.18

FLYASH % = 10.60
BOTTOM ASH % = 89.40

MASS ASH FROM CYCLONES = 4617.76
% CYCLONE ASH AS BOTTOM ASH = 91.52
% CYCLONE ASH AS FLYASH = 8.48

WEIGHT AVG C IN ASH = 2.32
UNBURNED CARBON % = .12

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 7A

TOTAL COAL FLOW	KLB/HR	93.10
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	93.10
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	13.99
CARBON IN BOTTOM ASH	%	.20
~~ACUREX FLYASH CATCH~~	~~GR/DSCF~~	~~.19~~
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1026.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 318.76
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 44.59

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4617.76

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4343.60
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.69

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4671.04

FLYASH % = 6.82
BOTTOM ASH % = 93.18

MASS ASH FROM CYCLONES = 4617.76
% CYCLONE ASH AS BOTTOM ASH = 94.25
% CYCLONE ASH AS FLYASH = 5.75

WEIGHT AVG C IN ASH = 1.14
UNBURNED CARBON % = .06

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 8A

TOTAL COAL FLOW	KLB/HR	93.70
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	93.70
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	16.81
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.18
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1029.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 297.97
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 50.09

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4647.52

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4399.64
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.80

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4706.41

FLYASH % = 6.33
BOTTOM ASH % = 93.67

MASS ASH FROM CYCLONES = 4647.52
% CYCLONE ASH AS BOTTOM ASH = 94.86
% CYCLONE ASH AS FLYASH = 5.14

WEIGHT AVG C IN ASH = 1.25
UNBURNED CARBON % = .06

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 9A

TOTAL COAL FLOW	KLB/HR	94.30
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	94.30
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	15.80
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.24
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1033.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 417.58
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 65.98

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4677.28

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4325.68
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.65

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4751.91

FLYASH % = 8.79
BOTTOM ASH % = 91.21

MASS ASH FROM CYCLONES = 4677.28
% CYCLONE ASH AS BOTTOM ASH = 92.67
% CYCLONE ASH AS FLYASH = 7.33

WEIGHT AVG C IN ASH = 1.57
UNBURNED CARBON % = .08

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 10A

TOTAL COAL FLOW	KLB/HR	66.10
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	66.10
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	14.13
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.25
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	727.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 296.58
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 41.91

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3278.56

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3023.88
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 6.05

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3326.52

FLYASH % = 8.92
BOTTOM ASH % = 91.08

MASS ASH FROM CYCLONES = 3278.56
% CYCLONE ASH AS BOTTOM ASH = 92.42
% CYCLONE ASH AS FLYASH = 7.58

WEIGHT AVG C IN ASH = 1.44
UNBURNED CARBON % = .07

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 11A

TOTAL COAL FLOW	KLB/HR	66.40
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	66.40
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	16.19
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.27
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	717.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 317.74
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 51.44

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3293.44

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3027.14
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 6.05

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3350.94

FLYASH % = 9.48
BOTTOM ASH % = 90.52

MASS ASH FROM CYCLONES = 3293.44
% CYCLONE ASH AS BOTTOM ASH = 92.10
% CYCLONE ASH AS FLYASH = 7.90

WEIGHT AVG C IN ASH = 1.72
UNBURNED CARBON % = .09

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 12A

TOTAL COAL FLOW	KLB/HR	66.70
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	66.70
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	21.23
CARBON IN BOTTOM ASH	%	.20
~~ACUREX FLYASH CATCH~~	~~GR/DSCF~~	~~.33~~
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	718.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 391.76
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 83.17

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3308.32

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2999.73
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 6.00

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3397.49

FLYASH % = 11.53
BOTTOM ASH % = 88.47

MASS ASH FROM CYCLONES = 3308.32
% CYCLONE ASH AS BOTTOM ASH = 90.85
% CYCLONE ASH AS FLYASH = 9.15

WEIGHT AVG C IN ASH = 2.62
UNBURNED CARBON % = .13

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 13A

TOTAL COAL FLOW	KLB/HR	43.90
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	43.90
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	16.38
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.82
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	477.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 646.38
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 105.88

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2177.44

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1636.94
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 3.27

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 2286.59

FLYASH % = 28.27
BOTTOM ASH % = 71.73

MASS ASH FROM CYCLONES = 2177.44
% CYCLONE ASH AS BOTTOM ASH = 75.33
% CYCLONE ASH AS FLYASH = 24.67

WEIGHT AVG C IN ASH = 4.77
UNBURNED CARBON % = .25

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 14A

TOTAL COAL FLOW	KLB/HR	43.80
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	43.80
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	13.11
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.76
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	477.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 593.09
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 77.75

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2172.48

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1657.15
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 3.31

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 2253.55

FLYASH % = 26.32
BOTTOM ASH % = 73.68

MASS ASH FROM CYCLONES = 2172.48
% CYCLONE ASH AS BOTTOM ASH = 76.43
% CYCLONE ASH AS FLYASH = 23.57

WEIGHT AVG C IN ASH = 3.60
UNBURNED CARBON % = .19

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 15A

TOTAL COAL FLOW	KLB/HR	43.90
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	43.90
ASH IN FUEL	%	4.96
CARBON IN FLYASH	%	18.69
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.68
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	477.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 537.11
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 100.39

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2177.44

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1740.72
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 3.48

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 2281.31

FLYASH % = 23.54
BOTTOM ASH % = 76.46

MASS ASH FROM CYCLONES = 2177.44
% CYCLONE ASH AS BOTTOM ASH = 80.10
% CYCLONE ASH AS FLYASH = 19.90

WEIGHT AVG C IN ASH = 4.55
UNBURNED CARBON % = .24

APPENDIX NO. 14

Ash Split and Carbon Loss Calculations

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 5P

TOTAL COAL FLOW	KLB/HR	95.00
REBURN COAL FLOW	KLB/HR	28.27
CYCLONE COAL FLOW	KLB/HR	66.73
ASH IN FUEL	%	6.31
CARBON IN FLYASH	%	13.91
CARBON IN BOTTOM ASH	%	.01
ACUREX FLYASH CATCH	GR/DSCF	2.0700
MOLE RATIO DRY/WET GAS		.8981
BASE DENSITY OF GAS	LB/CFT	.0781
GAS WEIGHT	KLB/HR	1008.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 3427.73
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 476.80

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5994.50

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3043.57
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .30

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6471.60

FLYASH % = 52.97
BOTTOM ASH % = 47.03

MASS ASH FROM CYCLONES = 4210.66
% CYCLONE ASH AS BOTTOM ASH = 72.29
% CYCLONE ASH AS FLYASH = 27.71

WEIGHT AVG C IN ASH = 7.37
UNBURNED CARBON % = .50

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 6P

TOTAL COAL FLOW	KLB/HR	94.10
REBURN COAL FLOW	KLB/HR	28.39
CYCLONE COAL FLOW	KLB/HR	65.71
ASH IN FUEL	%	6.13
CARBON IN FLYASH	%	14.93
CARBON IN BOTTOM ASH	%	.26
ACUREX FLYASH CATCH	GR/DSCF	1.3400
MOLE RATIO DRY/WET GAS		.9076
BASE DENSITY OF GAS	LB/CFT	.0786
GAS WEIGHT	KLB/HR	1003.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2217.07
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 331.01

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5768.33

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3882.27
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 10.09

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6109.43

FLYASH % = 36.29
BOTTOM ASH % = 63.71

MASS ASH FROM CYCLONES = 4028.02
% CYCLONE ASH AS BOTTOM ASH = 96.63
% CYCLONE ASH AS FLYASH = 3.37

WEIGHT AVG C IN ASH = 5.58
UNBURNED CARBON % = .36

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 8P

TOTAL COAL FLOW	KLB/HR	92.60
REBURN COAL FLOW	KLB/HR	28.14
CYCLONE COAL FLOW	KLB/HR	64.46
ASH IN FUEL	%	6.13
CARBON IN FLYASH	%	14.29
CARBON IN BOTTOM ASH	%	.51
ACUREX FLYASH CATCH	GR/DSCF	2.3800
MOLE RATIO DRY/WET GAS		.9073
BASE DENSITY OF GAS	LB/CFT	.0786
GAS WEIGHT	KLB/HR	981.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 3850.14
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 550.18

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5676.38

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2376.43
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 12.12

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6238.68

FLYASH % = 61.71
BOTTOM ASH % = 38.29

MASS ASH FROM CYCLONES = 3951.40
% CYCLONE ASH AS BOTTOM ASH = 60.45
% CYCLONE ASH AS FLYASH = 39.55

WEIGHT AVG C IN ASH = 9.01
UNBURNED CARBON % = .61

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F1

TOTAL COAL FLOW	KLB/HR	66.90
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	66.90
ASH IN FUEL	%	6.65
CARBON IN FLYASH	%	13.20
CARBON IN BOTTOM ASH	%	.77
ACUREX FLYASH CATCH	GR/DSCF	.9872
MOLE RATIO DRY/WET GAS		.9101
BASE DENSITY OF GAS	LB/CFT	.0784
GAS WEIGHT	KLB/HR	710.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1162.35
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 153.43

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4448.85

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3439.93
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 26.49

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4628.77

FLYASH % = 25.11
BOTTOM ASH % = 74.89

MASS ASH FROM CYCLONES = 4448.85
% CYCLONE ASH AS BOTTOM ASH = 77.92
% CYCLONE ASH AS FLYASH = 22.08

WEIGHT AVG C IN ASH = 3.89
UNBURNED CARBON % = .27

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F4

TOTAL COAL FLOW	KLB/HR	66.70
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	66.70
ASH IN FUEL	%	6.48
CARBON IN FLYASH	%	3.73
CARBON IN BOTTOM ASH	%	.04
ACUREX FLYASH CATCH	GR/DSCF	1.0675
MOLE RATIO DRY/WET GAS		.9198
BASE DENSITY OF GAS	LB/CFT	.0787
GAS WEIGHT	KLB/HR	711.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1267.24
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 47.27

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4322.16

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3102.19
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 1.24

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4370.67

FLYASH % = 28.99
BOTTOM ASH % = 71.01

MASS ASH FROM CYCLONES = 4322.16
% CYCLONE ASH AS BOTTOM ASH = 71.80
% CYCLONE ASH AS FLYASH = 28.20

WEIGHT AVG C IN ASH = 1.11
UNBURNED CARBON % = .07

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F2

TOTAL COAL FLOW	KLB/HR	95.50
REBURN COAL FLOW	KLB/HR	29.04
CYCLONE COAL FLOW	KLB/HR	66.46
ASH IN FUEL	%	6.65
CARBON IN FLYASH	%	10.83
CARBON IN BOTTOM ASH	%	1.09
ACUREX FLYASH CATCH	GR/DSCF	1.6251
MOLE RATIO DRY/WET GAS		.9183
BASE DENSITY OF GAS	LB/CFT	.0788
GAS WEIGHT	KLB/HR	983.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2659.46
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 288.02

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 6350.75

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3979.31
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 43.37

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6682.14

FLYASH % = 39.80
BOTTOM ASH % = 60.20

MASS ASH FROM CYCLONES = 4419.59
% CYCLONE ASH AS BOTTOM ASH = 91.02
% CYCLONE ASH AS FLYASH = 8.98

WEIGHT AVG C IN ASH = 4.97
UNBURNED CARBON % = .35

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F3

TOTAL COAL FLOW	KLB/HR	96.10
REBURN COAL FLOW	KLB/HR	29.02
CYCLONE COAL FLOW	KLB/HR	67.08
ASH IN FUEL	%	6.65
CARBON IN FLYASH	%	8.67
CARBON IN BOTTOM ASH	%	.07
ACUREX FLYASH CATCH	GR/DSCF	1.4645
MOLE RATIO DRY/WET GAS		.9166
BASE DENSITY OF GAS	LB/CFT	.0787
GAS WEIGHT	KLB/HR	996.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2426.92
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 210.41

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 6390.65

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4174.14
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 2.92

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6603.99

FLYASH % = 36.75
BOTTOM ASH % = 63.25

MASS ASH FROM CYCLONES = 4460.82
% CYCLONE ASH AS BOTTOM ASH = 93.64
% CYCLONE ASH AS FLYASH = 6.36

WEIGHT AVG C IN ASH = 3.23
UNBURNED CARBON % = .22

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F5

TOTAL COAL FLOW	KLB/HR	95.20
REBURN COAL FLOW	KLB/HR	28.95
CYCLONE COAL FLOW	KLB/HR	66.25
ASH IN FUEL	%	6.48
CARBON IN FLYASH	%	8.80
CARBON IN BOTTOM ASH	%	.02
ACUREX FLYASH CATCH	GR/DSCF	1.3950
~~MOLE RATIO DRY/WET GAS~~		~~.9164~~
BASE DENSITY OF GAS	LB/CFT	.0788
GAS WEIGHT	KLB/HR	985.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2282.82
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 200.89

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 6168.96

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4087.03
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .82

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6370.67

FLYASH % = 35.83
BOTTOM ASH % = 64.17

MASS ASH FROM CYCLONES = 4293.00
% CYCLONE ASH AS BOTTOM ASH = 95.22
% CYCLONE ASH AS FLYASH = 4.78

WEIGHT AVG C IN ASH = 3.17
UNBURNED CARBON % = .21

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 1P

TOTAL COAL FLOW	KLB/HR	67.80
REBURN COAL FLOW	KLB/HR	22.34
CYCLONE COAL FLOW	KLB/HR	45.46
ASH IN FUEL	%	6.24
CARBON IN FLYASH	%	22.63
CARBON IN BOTTOM ASH	%	.02
~~ACUREX FLYASH CATCH~~	~~GR/DSCF~~	~~2.8100~~
MOLE RATIO DRY/WET GAS		.9084
BASE DENSITY OF GAS	LB/CFT	.0786
GAS WEIGHT	KLB/HR	717.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 3326.46
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 752.78

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4230.72

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1657.04
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .33

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4983.83

FLYASH % = 66.75
BOTTOM ASH % = 33.25

MASS ASH FROM CYCLONES = 2836.70
% CYCLONE ASH AS BOTTOM ASH = 58.43
% CYCLONE ASH AS FLYASH = 41.57

WEIGHT AVG C IN ASH = 15.11
UNBURNED CARBON % = 1.11

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 7P

TOTAL COAL FLOW	KLB/HR	68.60
REBURN COAL FLOW	KLB/HR	22.93
CYCLONE COAL FLOW	KLB/HR	45.67
ASH IN FUEL	%	6.13
CARBON IN FLYASH	%	13.60
CARBON IN BOTTOM ASH	%	.02
ACUREX FLYASH CATCH	GR/DSCF	1.2900
MOLE RATIO DRY/WET GAS		.9075
BASE DENSITY OF GAS	LB/CFT	.0786
GAS WEIGHT	KLB/HR	731.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1555.37
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 211.53

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4205.18

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2861.34
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .57

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4417.28

FLYASH % = 35.21
BOTTOM ASH % = 64.79

MASS ASH FROM CYCLONES = 2799.57
% CYCLONE ASH AS BOTTOM ASH = 102.23
% CYCLONE ASH AS FLYASH = -2.23

WEIGHT AVG C IN ASH = 4.80
UNBURNED CARBON % = .31

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 9P

TOTAL COAL FLOW	KLB/HR	69.80
REBURN COAL FLOW	KLB/HR	23.52
CYCLONE COAL FLOW	KLB/HR	46.28
ASH IN FUEL	%	6.13
CARBON IN FLYASH	%	23.80
CARBON IN BOTTOM ASH	%	.02
ACUREX FLYASH CATCH	GR/DSCF	2.8200
MOLE RATIO DRY/WET GAS		.9072
BASE DENSITY OF GAS	LB/CFT	.0786
GAS WEIGHT	KLB/HR	733.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 3408.28
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 811.17

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4278.74

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1681.63
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .34

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5090.25

FLYASH % = 66.96
BOTTOM ASH % = 33.04

MASS ASH FROM CYCLONES = 2836.96
% CYCLONE ASH AS BOTTOM ASH = 59.29
% CYCLONE ASH AS FLYASH = 40.71

WEIGHT AVG C IN ASH = 15.94
UNBURNED CARBON % = 1.16

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F7

TOTAL COAL FLOW	KLB/HR	71.00
REBURN COAL FLOW	KLB/HR	24.24
CYCLONE COAL FLOW	KLB/HR	46.76
ASH IN FUEL	%	6.40
CARBON IN FLYASH	%	16.78
CARBON IN BOTTOM ASH	%	.02
ACUREX FLYASH CATCH	GR/DSCF	1.5838
MOLE RATIO DRY/WET GAS		.9052
BASE DENSITY OF GAS	LB/CFT	.0783
GAS WEIGHT	KLB/HR	736.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1925.14
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 323.04

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4544.00

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2941.90
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .59

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4867.63

FLYASH % = 39.55
BOTTOM ASH % = 60.45

MASS ASH FROM CYCLONES = 2992.64
% CYCLONE ASH AS BOTTOM ASH = 98.32
% CYCLONE ASH AS FLYASH = 1.68

WEIGHT AVG C IN ASH = 6.65
UNBURNED CARBON % = .46

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F8

TOTAL COAL FLOW	KLB/HR	71.00
REBURN COAL FLOW	KLB/HR	24.17
CYCLONE COAL FLOW	KLB/HR	46.83
ASH IN FUEL	%	6.40
CARBON IN FLYASH	%	16.55
CARBON IN BOTTOM ASH	%	.02
ACUREX FLYASH CATCH	GR/DSCF	1.5017
MOLE RATIO DRY/WET GAS		.9141
BASE DENSITY OF GAS	LB/CFT	.0787
GAS WEIGHT	KLB/HR	735.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1831.43
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 303.10

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4544.00

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3015.67
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .60

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4847.71

FLYASH % = 37.78
BOTTOM ASH % = 62.22

MASS ASH FROM CYCLONES = 2997.12
% CYCLONE ASH AS BOTTOM ASH = 100.64
% CYCLONE ASH AS FLYASH = -.64

WEIGHT AVG C IN ASH = 6.26
UNBURNED CARBON % = .43

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F10

TOTAL COAL FLOW	KLB/HR	71.20
REBURN COAL FLOW	KLB/HR	24.10
CYCLONE COAL FLOW	KLB/HR	47.10
ASH IN FUEL	%	5.93
CARBON IN FLYASH	%	12.89
CARBON IN BOTTOM ASH	%	.01
ACUREX FLYASH CATCH	GR/DSCF	1.1988
MOLE RATIO DRY/WET GAS		.9043
BASE DENSITY OF GAS	LB/CFT	.0783
GAS WEIGHT	KLB/HR	738.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1459.67
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 188.15

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4222.16

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2950.64
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .30

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4410.61

FLYASH % = 33.09
BOTTOM ASH % = 66.91

MASS ASH FROM CYCLONES = 2793.03
% CYCLONE ASH AS BOTTOM ASH = 105.65
% CYCLONE ASH AS FLYASH = -5.65

WEIGHT AVG C IN ASH = 4.27
UNBURNED CARBON % = .26

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F6

TOTAL COAL FLOW	KLB/HR	47.80
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	47.80
ASH IN FUEL	%	6.40
CARBON IN FLYASH	%	11.67
CARBON IN BOTTOM ASH	%	.12
ACUREX FLYASH CATCH	GR/DSCF	1.7998
MOLE RATIO DRY/WET GAS		.9102
BASE DENSITY OF GAS	LB/CFT	.0783
GAS WEIGHT	KLB/HR	516.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1542.24
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 179.98

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3059.20

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1696.94
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 2.04

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3241.22

FLYASH % = 47.58
BOTTOM ASH % = 52.42

MASS ASH FROM CYCLONES = 3059.20
% CYCLONE ASH AS BOTTOM ASH = 55.54
% CYCLONE ASH AS FLYASH = 44.46

WEIGHT AVG C IN ASH = 5.62
UNBURNED CARBON % = .38

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F9

TOTAL COAL FLOW	KLB/HR	49.10
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	49.10
ASH IN FUEL	%	5.93
CARBON IN FLYASH	%	13.42
CARBON IN BOTTOM ASH	%	.02
ACUREX FLYASH CATCH	GR/DSCF	2.0458
MOLE RATIO DRY/WET GAS		.9068
BASE DENSITY OF GAS	LB/CFT	.0782
GAS WEIGHT	KLB/HR	526.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1782.61
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 239.23

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2911.63

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1368.25
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .27

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3151.13

FLYASH % = 56.57
BOTTOM ASH % = 43.43

MASS ASH FROM CYCLONES = 2911.63
% CYCLONE ASH AS BOTTOM ASH = 47.00
% CYCLONE ASH AS FLYASH = 53.00

WEIGHT AVG C IN ASH = 7.60
UNBURNED CARBON % = .49

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 2P

TOTAL COAL FLOW	KLB/HR	50.90
REBURN COAL FLOW	KLB/HR	16.36
CYCLONE COAL FLOW	KLB/HR	34.54
ASH IN FUEL	%	6.24
CARBON IN FLYASH	%	31.53
CARBON IN BOTTOM ASH	%	.03
ACUREX FLYASH CATCH	GR/DSCF	2.9200
MOLE RATIO DRY/WET GAS		.9082
BASE DENSITY OF GAS	LB/CFT	.0786
GAS WEIGHT	KLB/HR	533.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2569.04
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 810.02

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3176.16

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1417.14
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .43

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3986.60

FLYASH % = 64.44
BOTTOM ASH % = 35.56

MASS ASH FROM CYCLONES = 2155.30
% CYCLONE ASH AS BOTTOM ASH = 65.77
% CYCLONE ASH AS FLYASH = 34.23

WEIGHT AVG C IN ASH = 20.33
UNBURNED CARBON % = 1.59

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 3P

TOTAL COAL FLOW	KLB/HR	51.50
REBURN COAL FLOW	KLB/HR	16.03
CYCLONE COAL FLOW	KLB/HR	35.47
ASH IN FUEL	%	6.59
CARBON IN FLYASH	%	34.46
CARBON IN BOTTOM ASH	%	.01
ACUREX FLYASH CATCH	GR/DSCF	2.6300
MOLE RATIO DRY/WET GAS		.8979
BASE DENSITY OF GAS	LB/CFT	.0780
GAS WEIGHT	KLB/HR	542.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2344.18
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 807.80

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3393.85

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1857.48
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .19

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4201.84

FLYASH % = 55.79
BOTTOM ASH % = 44.21

MASS ASH FROM CYCLONES = 2337.47
% CYCLONE ASH AS BOTTOM ASH = 79.47
% CYCLONE ASH AS FLYASH = 20.53

WEIGHT AVG C IN ASH = 19.23
UNBURNED CARBON % = 1.57

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 4P

TOTAL COAL FLOW	KLB/HR	52.00
REBURN COAL FLOW	KLB/HR	16.59
CYCLONE COAL FLOW	KLB/HR	35.41
ASH IN FUEL	%	6.59
CARBON IN FLYASH	%	28.27
CARBON IN BOTTOM ASH	%	.01
ACUREX FLYASH CATCH	GR/DSCF	3.6900
MOLE RATIO DRY/WET GAS		.8985
BASE DENSITY OF GAS	LB/CFT	.0780
GAS WEIGHT	KLB/HR	548.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 3327.61
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 940.72

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3426.80

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1039.91
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .10

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4367.62

FLYASH % = 76.19
BOTTOM ASH % = 23.81

MASS ASH FROM CYCLONES = 2333.52
% CYCLONE ASH AS BOTTOM ASH = 44.57
% CYCLONE ASH AS FLYASH = 55.43

WEIGHT AVG C IN ASH = 21.54
UNBURNED CARBON % = 1.81

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F12

TOTAL COAL FLOW	KLB/HR	52.60
REBURN COAL FLOW	KLB/HR	17.51
CYCLONE COAL FLOW	KLB/HR	35.09
ASH IN FUEL	%	6.36
CARBON IN FLYASH	%	35.06
CARBON IN BOTTOM ASH	%	.02
ACUREX FLYASH CATCH	GR/DSCF	2.5595
MOLE RATIO DRY/WET GAS		.9038
BASE DENSITY OF GAS	LB/CFT	.0783
GAS WEIGHT	KLB/HR	545.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2300.19
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 806.45

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3345.36

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1851.62
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .37

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4152.18

FLYASH % = 55.40
BOTTOM ASH % = 44.60

MASS ASH FROM CYCLONES = 2231.72
% CYCLONE ASH AS BOTTOM ASH = 82.98
% CYCLONE ASH AS FLYASH = 17.02

WEIGHT AVG C IN ASH = 19.43
UNBURNED CARBON % = 1.53

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F13

TOTAL COAL FLOW	KLB/HR	51.30
REBURN COAL FLOW	KLB/HR	17.67
CYCLONE COAL FLOW	KLB/HR	33.63
ASH IN FUEL	%	6.36
CARBON IN FLYASH	%	11.66
CARBON IN BOTTOM ASH	%	.02
ACUREX FLYASH CATCH	GR/DSCF	.8162
MOLE RATIO DRY/WET GAS		.9036
BASE DENSITY OF GAS	LB/CFT	.0783
GAS WEIGHT	KLB/HR	537.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 722.58
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 84.25

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3262.68

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2624.35
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .52

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3347.46

FLYASH % = 21.59
BOTTOM ASH % = 78.41

MASS ASH FROM CYCLONES = 2138.87
% CYCLONE ASH AS BOTTOM ASH = 122.72
% CYCLONE ASH AS FLYASH = -22.72

WEIGHT AVG C IN ASH = 2.53
UNBURNED CARBON % = .17

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F15

TOTAL COAL FLOW	KLB/HR	53.70
REBURN COAL FLOW	KLB/HR	17.51
CYCLONE COAL FLOW	KLB/HR	36.19
ASH IN FUEL	%	6.54
CARBON IN FLYASH	%	36.00
CARBON IN BOTTOM ASH	%	.02
~~ACUREX FLYASH CATCH~~	~~GR/DSCF~~	~~2.5058~~
MOLE RATIO DRY/WET GAS		.9066
BASE DENSITY OF GAS	LB/CFT	.0784
GAS WEIGHT	KLB/HR	549.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2272.59
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 818.13

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3511.98

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2057.52
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .41

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4330.52

FLYASH % = 52.48
BOTTOM ASH % = 47.52

MASS ASH FROM CYCLONES = 2366.83
% CYCLONE ASH AS BOTTOM ASH = 86.95
% CYCLONE ASH AS FLYASH = 13.05

WEIGHT AVG C IN ASH = 18.90
UNBURNED CARBON % = 1.52

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F14

TOTAL COAL FLOW	KLB/HR	37.10
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	37.10
ASH IN FUEL	%	6.36
CARBON IN FLYASH	%	12.35
CARBON IN BOTTOM ASH	%	.02
ACUREX FLYASH CATCH	GR/DSCF	.7568
MOLE RATIO DRY/WET GAS		.9151
BASE DENSITY OF GAS	LB/CFT	.0782
GAS WEIGHT	KLB/HR	434.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 549.08
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 67.81

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2359.56

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1878.29
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .38

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 2427.75

FLYASH % = 22.62
BOTTOM ASH % = 77.38

MASS ASH FROM CYCLONES = 2359.56
% CYCLONE ASH AS BOTTOM ASH = 79.62
% CYCLONE ASH AS FLYASH = 20.38

WEIGHT AVG C IN ASH = 2.81
UNBURNED CARBON % = .18

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F11

TOTAL COAL FLOW	KLB/HR	37.60
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	37.60
ASH IN FUEL	%	6.36
CARBON IN FLYASH	%	26.14
CARBON IN BOTTOM ASH	%	.01
ACUREX FLYASH CATCH	GR/DSCF	2.8318
MOLE RATIO DRY/WET GAS		.9140
BASE DENSITY OF GAS	LB/CFT	.0781
GAS WEIGHT	KLB/HR	434.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2054.70
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 537.10

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2391.36

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 873.76
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .09

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 2928.55

FLYASH % = 70.16
BOTTOM ASH % = 29.84

MASS ASH FROM CYCLONES = 2391.36
% CYCLONE ASH AS BOTTOM ASH = 36.54
% CYCLONE ASH AS FLYASH = 63.46

WEIGHT AVG C IN ASH = 18.34
UNBURNED CARBON % = 1.43

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F16

TOTAL COAL FLOW	KLB/HR	37.30
REBURN COAL FLOW	KLB/HR	15.50
CYCLONE COAL FLOW	KLB/HR	21.80
ASH IN FUEL	%	6.54
CARBON IN FLYASH	%	21.07
CARBON IN BOTTOM ASH	%	.02
ACUREX FLYASH CATCH	GR/DSCF	1.4288
MOLE RATIO DRY/WET GAS		.9117
BASE DENSITY OF GAS	LB/CFT	.0782
GAS WEIGHT	KLB/HR	411.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 978.05
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 206.07

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2439.42

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1667.45
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .33

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 2645.83

FLYASH % = 36.97
BOTTOM ASH % = 63.03

MASS ASH FROM CYCLONES = 1425.72
% CYCLONE ASH AS BOTTOM ASH = 116.98
% CYCLONE ASH AS FLYASH = -16.98

WEIGHT AVG C IN ASH = 7.80
UNBURNED CARBON % = .55

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F17

TOTAL COAL FLOW	: KLB/HR :	52.70
REBURN COAL FLOW	: KLB/HR :	17.10
CYCLONE COAL FLOW	: KLB/HR :	35.60
ASH IN FUEL	: % :	6.54
CARBON IN FLYASH	: % :	26.61
CARBON IN BOTTOM ASH	: % :	.01
ACUREX FLYASH CATCH	: GR/DSCF:	1.7475
MOLE RATIO DRY/WET GAS	: :	.9056
BASE DENSITY OF GAS	: LB/CFT :	.0784
GAS WEIGHT	: KLB/HR :	537.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1548.51
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 412.06

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3446.58

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2310.13
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .23

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3858.87

FLYASH % = 40.13
BOTTOM ASH % = 59.87

MASS ASH FROM CYCLONES = 2328.24
% CYCLONE ASH AS BOTTOM ASH = 99.23
% CYCLONE ASH AS FLYASH = .77

WEIGHT AVG C IN ASH = 10.68
UNBURNED CARBON % = .78

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F18

TOTAL COAL FLOW	KLB/HR	52.50
REBURN COAL FLOW	KLB/HR	17.21
CYCLONE COAL FLOW	KLB/HR	35.29
ASH IN FUEL	%	6.54
CARBON IN FLYASH	%	3.58
CARBON IN BOTTOM ASH	%	.01
ACUREX FLYASH CATCH	GR/DSCF	1.7950
MOLE RATIO DRY/WET GAS		.9104
BASE DENSITY OF GAS	LB/CFT	.0783
GAS WEIGHT	KLB/HR	571.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1702.44
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 60.95

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3433.50

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1792.00
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .18

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3494.63

FLYASH % = 48.72
BOTTOM ASH % = 51.28

MASS ASH FROM CYCLONES = 2307.97
% CYCLONE ASH AS BOTTOM ASH = 77.65
% CYCLONE ASH AS FLYASH = 22.35

WEIGHT AVG C IN ASH = 1.75
UNBURNED CARBON % = .12

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # F19

TOTAL COAL FLOW	KLB/HR	96.00
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	96.00
ASH IN FUEL	%	6.54
CARBON IN FLYASH	%	16.61
CARBON IN BOTTOM ASH	%	.01
ACUREX FLYASH CATCH	GR/DSCF	.9036
MOLE RATIO DRY/WET GAS		.9077
BASE DENSITY OF GAS	LB/CFT	.0784
GAS WEIGHT	KLB/HR	1010.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1509.47
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 250.72

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 6278.40

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 5019.65
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .50

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6529.63

FLYASH % = 23.12
BOTTOM ASH % = 76.88

MASS ASH FROM CYCLONES = 6278.40
% CYCLONE ASH AS BOTTOM ASH = 79.96
% CYCLONE ASH AS FLYASH = 20.04

WEIGHT AVG C IN ASH = 3.85
UNBURNED CARBON % = .26

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W1

TOTAL COAL FLOW	: KLB/HR :	112.10
REBURN COAL FLOW	: KLB/HR :	0.00
CYCLONE COAL FLOW	: KLB/HR :	112.10
ASH IN FUEL	: % :	4.63
CARBON IN FLYASH	: % :	3.30
CARBON IN BOTTOM ASH	: % :	.80
B&W FLYASH CATCH	: LB/KLB :	.7399
GAS WEIGHT	: KLB/HR :	1043.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 771.72
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 25.47

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5190.23

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4443.98
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 35.55

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5251.25

FLYASH % = 14.70
BOTTOM ASH % = 85.30

MASS ASH FROM CYCLONES = 5190.23
% CYCLONE ASH AS BOTTOM ASH = 86.31
% CYCLONE ASH AS FLYASH = 13.69

WEIGHT AVG C IN ASH = 1.17
UNBURNED CARBON % = .05

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W2

TOTAL COAL FLOW	KLB/HR	78.80
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	78.80
ASH IN FUEL	%	4.52
CARBON IN FLYASH	%	2.65
CARBON IN BOTTOM ASH	%	.32
B&W FLYASH CATCH	LB/KLB	1.4983
GAS WEIGHT	KLB/HR	728.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1090.76
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 28.91

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3561.76

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2499.90
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.00

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3598.66

FLYASH % = 30.31
BOTTOM ASH % = 69.69

MASS ASH FROM CYCLONES = 3561.76
% CYCLONE ASH AS BOTTOM ASH = 70.41
% CYCLONE ASH AS FLYASH = 29.59

WEIGHT AVG C IN ASH = 1.03
UNBURNED CARBON % = .05

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W3

TOTAL COAL FLOW	: KLB/HR :	117.60
REBURN COAL FLOW	: KLB/HR :	35.23
CYCLONE COAL FLOW	: KLB/HR :	82.37
ASH IN FUEL	: % :	4.43
CARBON IN FLYASH	: % :	4.15
CARBON IN BOTTOM ASH	: % :	.01
B&W FLYASH CATCH	: LB/KLB :	1.5669
GAS WEIGHT	: KLB/HR :	1063.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1665.61
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 69.12

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5209.68

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3613.19
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .36

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5279.16

FLYASH % = 31.55
BOTTOM ASH % = 68.45

MASS ASH FROM CYCLONES = 3648.99
% CYCLONE ASH AS BOTTOM ASH = 99.03
% CYCLONE ASH AS FLYASH = .97

WEIGHT AVG C IN ASH = 1.32
UNBURNED CARBON % = .06

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W4

TOTAL COAL FLOW	: KLB/HR :	117.10
REBURN COAL FLOW	: KLB/HR :	0.00
CYCLONE COAL FLOW	: KLB/HR :	117.10
ASH IN FUEL	: % :	4.25
CARBON IN FLYASH	: % :	16.88
CARBON IN BOTTOM ASH	: % :	.18
B&W FLYASH CATCH	: LB/KLB :	2.2040
GAS WEIGHT	: KLB/HR :	1038.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2287.75
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 386.17

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4976.75

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3075.17
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 5.54

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5368.46

FLYASH % = 42.61
BOTTOM ASH % = 57.39

MASS ASH FROM CYCLONES = 4976.75
% CYCLONE ASH AS BOTTOM ASH = 61.90
% CYCLONE ASH AS FLYASH = 38.10

WEIGHT AVG C IN ASH = 7.30
UNBURNED CARBON % = .33

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W5

TOTAL COAL FLOW	KLB/HR	120.70
REBURN COAL FLOW	KLB/HR	35.27
CYCLONE COAL FLOW	KLB/HR	85.43
ASH IN FUEL	%	4.08
CARBON IN FLYASH	%	4.41
CARBON IN BOTTOM ASH	%	.02
B&W FLYASH CATCH	LB/KLB	1.64
GAS WEIGHT	KLB/HR	1063.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1743.32
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 76.88

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4924.56

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3258.12
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .65

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5002.09

FLYASH % = 34.85
BOTTOM ASH % = 65.15

MASS ASH FROM CYCLONES = 3485.54
% CYCLONE ASH AS BOTTOM ASH = 93.49
% CYCLONE ASH AS FLYASH = 6.51

WEIGHT AVG C IN ASH = 1.55
UNBURNED CARBON % = .06

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W6

TOTAL COAL FLOW	: KLB/HR :	87.70
REBURN COAL FLOW	: KLB/HR :	28.18
CYCLONE COAL FLOW	: KLB/HR :	59.52
ASH IN FUEL	: % :	4.43
CARBON IN FLYASH	: % :	14.91
CARBON IN BOTTOM ASH	: % :	.02
B&W FLYASH CATCH	: LB/KLB :	1.86
GAS WEIGHT	: KLB/HR :	765.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1425.12
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 212.49

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3885.11

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2672.48
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .53

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4098.13

FLYASH % = 34.77
BOTTOM ASH % = 65.23

MASS ASH FROM CYCLONES = 2636.74
% CYCLONE ASH AS BOTTOM ASH = 101.38
% CYCLONE ASH AS FLYASH = -1.38

WEIGHT AVG C IN ASH = 5.20
UNBURNED CARBON % = .24

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W7

TOTAL COAL FLOW	: KLB/HR :	65.00
REBURN COAL FLOW	: KLB/HR :	21.20
CYCLONE COAL FLOW	: KLB/HR :	43.80
ASH IN FUEL	: % :	4.03
CARBON IN FLYASH	: % :	17.37
CARBON IN BOTTOM ASH	: % :	.02
B&W FLYASH CATCH	: LB/KLB :	2.01
GAS WEIGHT	: KLB/HR :	563.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1130.22
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 196.32

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2619.50

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1685.60
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .34

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 2816.16

FLYASH % = 40.13
BOTTOM ASH % = 59.87

MASS ASH FROM CYCLONES = 1765.14
% CYCLONE ASH AS BOTTOM ASH = 95.51
% CYCLONE ASH AS FLYASH = 4.49

WEIGHT AVG C IN ASH = 6.98
UNBURNED CARBON % = .30

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W8

TOTAL COAL FLOW	KLB/HR	86.10
REBURN COAL FLOW	KLB/HR	28.24
CYCLONE COAL FLOW	KLB/HR	57.86
ASH IN FUEL	%	3.84
CARBON IN FLYASH	%	12.75
CARBON IN BOTTOM ASH	%	.01
B&W FLYASH CATCH	LB/KLB	1.72
GAS WEIGHT	KLB/HR	732.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1261.97
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 160.90

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3306.24

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2205.17
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .22

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3467.36

FLYASH % = 36.40
BOTTOM ASH % = 63.60

MASS ASH FROM CYCLONES = 2221.82
% CYCLONE ASH AS BOTTOM ASH = 99.26
% CYCLONE ASH AS FLYASH = .74

WEIGHT AVG C IN ASH = 4.65
UNBURNED CARBON % = .19

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W9

TOTAL COAL FLOW	: KLB/HR :	46.90
REBURN COAL FLOW	: KLB/HR :	18.47
CYCLONE COAL FLOW	: KLB/HR :	28.43
ASH IN FUEL	: % :	4.27
CARBON IN FLYASH	: % :	5.23
CARBON IN BOTTOM ASH	: % :	.01
B&W FLYASH CATCH	: LB/KLB :	.84
GAS WEIGHT	: KLB/HR :	430.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 361.46
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 18.90

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2002.63

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1660.08
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .17

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 2021.70

FLYASH % = 17.88
BOTTOM ASH % = 82.12

MASS ASH FROM CYCLONES = 1213.96
% CYCLONE ASH AS BOTTOM ASH = 136.76
% CYCLONE ASH AS FLYASH = -36.76

WEIGHT AVG C IN ASH = .94
UNBURNED CARBON % = .04

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W10

TOTAL COAL FLOW	: KLB/HR :	85.40
REBURN COAL FLOW	: KLB/HR :	22.19
CYCLONE COAL FLOW	: KLB/HR :	63.21
ASH IN FUEL	: % :	4.10
CARBON IN FLYASH	: % :	7.24
CARBON IN BOTTOM ASH	: % :	5.88
B&W FLYASH CATCH	: LB/KLB :	2.4681
GAS WEIGHT	: KLB/HR :	734.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1811.59
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 131.16

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3501.40

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1820.97
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 107.07

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3739.63

FLYASH % = 48.44
BOTTOM ASH % = 51.56

MASS ASH FROM CYCLONES = 2591.61
% CYCLONE ASH AS BOTTOM ASH = 74.40
% CYCLONE ASH AS FLYASH = 25.60

WEIGHT AVG C IN ASH = 6.54
UNBURNED CARBON % = .29

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W11

TOTAL COAL FLOW	: KLB/HR :	86.10
REBURN COAL FLOW	: KLB/HR :	0.00
CYCLONE COAL FLOW	: KLB/HR :	86.10
ASH IN FUEL	: % :	4.07
CARBON IN FLYASH	: % :	4.18
CARBON IN BOTTOM ASH	: % :	.40
B&W FLYASH CATCH	: LB/KLB :	3.3973
GAS WEIGHT	: KLB/HR :	756.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2568.36
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 107.36

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3504.27

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1043.27
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 4.17

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3615.80

FLYASH % = 71.03
BOTTOM ASH % = 28.97

MASS ASH FROM CYCLONES = 3504.27
% CYCLONE ASH AS BOTTOM ASH = 29.89
% CYCLONE ASH AS FLYASH = 70.11

WEIGHT AVG C IN ASH = 3.08
UNBURNED CARBON % = .13

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W12

TOTAL COAL FLOW	KLB/HR	118.70
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	118.70
ASH IN FUEL	%	4.02
CARBON IN FLYASH	%	6.08
CARBON IN BOTTOM ASH	%	.02
~~B&W FLYASH CATCH~~	~~LB/KLB~~	~~2.7787~~
GAS WEIGHT	KLB/HR	1057.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2937.09
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 178.57

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4771.74

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2013.23
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .40

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4950.72

FLYASH % = 59.33
BOTTOM ASH % = 40.67

MASS ASH FROM CYCLONES = 4771.74
% CYCLONE ASH AS BOTTOM ASH = 42.20
% CYCLONE ASH AS FLYASH = 57.80

WEIGHT AVG C IN ASH = 3.62
UNBURNED CARBON % = .15

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W13

TOTAL COAL FLOW	: KLB/HR :	119.60
REBURN COAL FLOW	: KLB/HR :	35.28
CYCLONE COAL FLOW	: KLB/HR :	84.32
ASH IN FUEL	: % :	4.02
CARBON IN FLYASH	: % :	2.68
CARBON IN BOTTOM ASH	: % :	.01
B&W FLYASH CATCH	: LB/KLB :	2.0786
GAS WEIGHT	: KLB/HR :	1055.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2192.92
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 58.77

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4807.92

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2673.77
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .27

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4866.96

FLYASH % = 45.06
BOTTOM ASH % = 54.94

MASS ASH FROM CYCLONES = 3389.66
% CYCLONE ASH AS BOTTOM ASH = 78.89
% CYCLONE ASH AS FLYASH = 21.11

WEIGHT AVG C IN ASH = 1.21
UNBURNED CARBON % = .05

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W14

TOTAL COAL FLOW	: KLB/HR :	60.30
REBURN COAL FLOW	: KLB/HR :	0.00
CYCLONE COAL FLOW	: KLB/HR :	60.30
ASH IN FUEL	: % :	4.10
CARBON IN FLYASH	: % :	4.14
CARBON IN BOTTOM ASH	: % :	.01
B&W FLYASH CATCH	: LB/KLB :	3.5354
GAS WEIGHT	: KLB/HR :	536.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1894.97
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 78.45

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2472.30

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 655.78
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .07

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 2550.82

FLYASH % = 74.29
BOTTOM ASH % = 25.71

MASS ASH FROM CYCLONES = 2472.30
% CYCLONE ASH AS BOTTOM ASH = 26.53
% CYCLONE ASH AS FLYASH = 73.47

WEIGHT AVG C IN ASH = 3.08
UNBURNED CARBON % = .13

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W16

TOTAL COAL FLOW	KLB/HR	119.70
REBURN COAL FLOW	KLB/HR	37.28
CYCLONE COAL FLOW	KLB/HR	82.42
ASH IN FUEL	%	4.27
CARBON IN FLYASH	%	11.24
CARBON IN BOTTOM ASH	%	.01
B&W FLYASH CATCH	LB/KLB	2.6671
GAS WEIGHT	KLB/HR	1038.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2768.45
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 311.17

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5111.19

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2653.91
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .27

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5422.63

FLYASH % = 51.05
BOTTOM ASH % = 48.95

MASS ASH FROM CYCLONES = 3519.33
% CYCLONE ASH AS BOTTOM ASH = 75.42
% CYCLONE ASH AS FLYASH = 24.58

WEIGHT AVG C IN ASH = 5.74
UNBURNED CARBON % = .26

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W17

TOTAL COAL FLOW	KLB/HR	119.40
REBURN COAL FLOW	KLB/HR	30.09
CYCLONE COAL FLOW	KLB/HR	89.31
ASH IN FUEL	%	4.33
CARBON IN FLYASH	%	11.64
CARBON IN BOTTOM ASH	%	.14
~~B&W FLYASH CATCH~~	~~LB/KLB~~	~~2.7218~~
GAS WEIGHT	KLB/HR	1043.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2838.84
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 330.44

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5170.02

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2661.62
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 3.73

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5504.19

FLYASH % = 51.58
BOTTOM ASH % = 48.42

MASS ASH FROM CYCLONES = 3867.12
% CYCLONE ASH AS BOTTOM ASH = 68.92
% CYCLONE ASH AS FLYASH = 31.08

WEIGHT AVG C IN ASH = 6.07
UNBURNED CARBON % = .28

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W23

TOTAL COAL FLOW	: KLB/HR :	127.30
REBURN COAL FLOW	: KLB/HR :	36.43
CYCLONE COAL FLOW	: KLB/HR :	90.87
ASH IN FUEL	: % :	4.60
CARBON IN FLYASH	: % :	11.15
CARBON IN BOTTOM ASH	: % :	.01
B&W FLYASH CATCH	: LB/KLB :	4.1725
GAS WEIGHT	: KLB/HR :	1105.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 4610.61
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 514.08

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5855.80

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1759.27
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .18

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6370.06

FLYASH % = 72.38
BOTTOM ASH % = 27.62

MASS ASH FROM CYCLONES = 4180.02
% CYCLONE ASH AS BOTTOM ASH = 42.09
% CYCLONE ASH AS FLYASH = 57.91

WEIGHT AVG C IN ASH = 8.07
UNBURNED CARBON % = .40

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W24

TOTAL COAL FLOW	KLB/HR	62.10
REBURN COAL FLOW	KLB/HR	25.14
CYCLONE COAL FLOW	KLB/HR	36.96
ASH IN FUEL	%	4.60
CARBON IN FLYASH	%	20.74
CARBON IN BOTTOM ASH	%	.01
B&W FLYASH CATCH	LB/KLB	3.1380
GAS WEIGHT	KLB/HR	531.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1666.28
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 345.59

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2856.60

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1535.91
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .15

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3202.34

FLYASH % = 52.03
BOTTOM ASH % = 47.97

MASS ASH FROM CYCLONES = 1700.16
% CYCLONE ASH AS BOTTOM ASH = 90.35
% CYCLONE ASH AS FLYASH = 9.65

WEIGHT AVG C IN ASH = 10.80
UNBURNED CARBON % = .56

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W25

TOTAL COAL FLOW	KLB/HR	64.10
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	64.10
ASH IN FUEL	%	4.60
CARBON IN FLYASH	%	7.82
CARBON IN BOTTOM ASH	%	.01
B&W FLYASH CATCH	LB/KLB	1.9740
GAS WEIGHT	KLB/HR	571.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1127.15
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 88.14

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2948.60

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1909.59
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .19

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3036.93

FLYASH % = 37.11
BOTTOM ASH % = 62.89

MASS ASH FROM CYCLONES = 2948.60
% CYCLONE ASH AS BOTTOM ASH = 64.77
% CYCLONE ASH AS FLYASH = 35.23

WEIGHT AVG C IN ASH = 2.91
UNBURNED CARBON % = .14

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W29

TOTAL COAL FLOW	KLB/HR	62.80
REBURN COAL FLOW	KLB/HR	25.24
CYCLONE COAL FLOW	KLB/HR	37.56
ASH IN FUEL	%	4.74
CARBON IN FLYASH	%	10.40
CARBON IN BOTTOM ASH	%	.01
~~B&W FLYASH CATCH~~	~~LB/KLB~~	~~4.0700~~
GAS WEIGHT	KLB/HR	551.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2242.57
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 233.23

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2976.72

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 967.38
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .10

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3210.04

FLYASH % = 69.86
BOTTOM ASH % = 30.14

MASS ASH FROM CYCLONES = 1780.34
% CYCLONE ASH AS BOTTOM ASH = 54.34
% CYCLONE ASH AS FLYASH = 45.66

WEIGHT AVG C IN ASH = 7.27
UNBURNED CARBON % = .37

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # W30

TOTAL COAL FLOW	: KLB/HR :	62.20
REBURN COAL FLOW	: KLB/HR :	21.15
CYCLONE COAL FLOW	: KLB/HR :	41.05
ASH IN FUEL	: % :	4.71
CARBON IN FLYASH	: % :	3.17
CARBON IN BOTTOM ASH	: % :	.01
B&W FLYASH CATCH	: LB/KLB :	2.1980
GAS WEIGHT	: KLB/HR :	568.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1248.46
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 39.58

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2929.62

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1720.73
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = .17

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 2969.37

FLYASH % = 42.04
BOTTOM ASH % = 57.96

MASS ASH FROM CYCLONES = 1933.46
% CYCLONE ASH AS BOTTOM ASH = 89.01
% CYCLONE ASH AS FLYASH = 10.99

WEIGHT AVG C IN ASH = 1.34
UNBURNED CARBON % = .06

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 4A

TOTAL COAL FLOW	KLB/HR	95.90
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	95.90
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	3.34
CARBON IN BOTTOM ASH	%	.10
ACUREX FLYASH CATCH	GR/DSCF	.55
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1092.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1000.88
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 33.43

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5897.85

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4930.40
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 4.93

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5936.21

FLYASH % = 16.86
BOTTOM ASH % = 83.14

MASS ASH FROM CYCLONES = 5897.85
% CYCLONE ASH AS BOTTOM ASH = 83.68
% CYCLONE ASH AS FLYASH = 16.32

WEIGHT AVG C IN ASH = .65
UNBURNED CARBON % = .04

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 26T

TOTAL COAL FLOW	: KLB/HR :	97.40
REBURN COAL FLOW	: KLB/HR :	24.57
CYCLONE COAL FLOW	: KLB/HR :	72.83
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	25.43
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	3.21
GAS WEIGHT	: KLB/HR :	998.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 3203.58
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 814.67

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5990.10

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3601.19
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 18.01

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6822.78

FLYASH % = 46.95
BOTTOM ASH % = 53.05

MASS ASH FROM CYCLONES = 4479.05
% CYCLONE ASH AS BOTTOM ASH = 80.80
% CYCLONE ASH AS FLYASH = 19.20

WEIGHT AVG C IN ASH = 12.21
UNBURNED CARBON % = .86

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 27T

TOTAL COAL FLOW	: KLB/HR :	96.70
REBURN COAL FLOW	: KLB/HR :	24.58
CYCLONE COAL FLOW	: KLB/HR :	72.12
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	27.54
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	4.04
GAS WEIGHT	: KLB/HR :	994.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 4012.78
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 1105.12

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5947.05

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3039.39
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 15.20

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 7067.37

FLYASH % = 56.78
BOTTOM ASH % = 43.22

MASS ASH FROM CYCLONES = 4435.38
% CYCLONE ASH AS BOTTOM ASH = 68.87
% CYCLONE ASH AS FLYASH = 31.13

WEIGHT AVG C IN ASH = 15.85
UNBURNED CARBON % = 1.16

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 21A

TOTAL COAL FLOW	KLB/HR	93.80
REBURN COAL FLOW	KLB/HR	26.11
CYCLONE COAL FLOW	KLB/HR	67.69
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	11.32
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	1.36
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.79
GAS WEIGHT	KLB/HR	1042.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 233.74
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 26.46

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5768.70

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 5561.42
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 11.12

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5806.28

FLYASH % = 4.03
BOTTOM ASH % = 95.97

MASS ASH FROM CYCLONES = 4162.93
% CYCLONE ASH AS BOTTOM ASH = 133.86
% CYCLONE ASH AS FLYASH = -33.86

WEIGHT AVG C IN ASH = .65
UNBURNED CARBON % = .04

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 2A

TOTAL COAL FLOW	KLB/HR	97.40
REBURN COAL FLOW	KLB/HR	26.25
CYCLONE COAL FLOW	KLB/HR	71.15
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	12.37
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	1.90
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1014.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 3201.52
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 396.03

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5990.10

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3184.61
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 6.37

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6392.50

FLYASH % = 50.08
BOTTOM ASH % = 49.92

MASS ASH FROM CYCLONES = 4375.73
% CYCLONE ASH AS BOTTOM ASH = 72.92
% CYCLONE ASH AS FLYASH = 27.08

WEIGHT AVG C IN ASH = 6.30
UNBURNED CARBON % = .41

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 3A

TOTAL COAL FLOW	KLB/HR	96.20
REBURN COAL FLOW	KLB/HR	26.33
CYCLONE COAL FLOW	KLB/HR	69.87
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	10.80
CARBON IN BOTTOM ASH	%	.20
~~ACUREX FLYASH CATCH~~	~~GR/DSCF~~	~~2.48~~
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	990.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 4050.95
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 437.50

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5916.30

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2302.86
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 4.61

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6358.41

FLYASH % = 63.71
BOTTOM ASH % = 36.29

MASS ASH FROM CYCLONES = 4297.01
% CYCLONE ASH AS BOTTOM ASH = 53.70
% CYCLONE ASH AS FLYASH = 46.30

WEIGHT AVG C IN ASH = 6.95
UNBURNED CARBON % = .46

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 6A

TOTAL COAL FLOW	KLB/HR	93.90
REBURN COAL FLOW	KLB/HR	26.22
CYCLONE COAL FLOW	KLB/HR	67.68
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	6.24
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.62
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1003.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1029.33
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 64.23

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5774.85

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4809.75
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 9.62

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5848.70

FLYASH % = 17.60
BOTTOM ASH % = 82.40

MASS ASH FROM CYCLONES = 4162.32
% CYCLONE ASH AS BOTTOM ASH = 115.79
% CYCLONE ASH AS FLYASH = -15.79

WEIGHT AVG C IN ASH = 1.26
UNBURNED CARBON % = .08

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 8A

TOTAL COAL FLOW	KLB/HR	94.50
REBURN COAL FLOW	KLB/HR	26.48
CYCLONE COAL FLOW	KLB/HR	68.02
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	13.96
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	1.72
MOLE RATIO DRY/WET GAS		.92
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1019.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2923.03
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 408.05

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5811.75

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3296.78
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 6.59

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6226.40

FLYASH % = 46.95
BOTTOM ASH % = 53.05

MASS ASH FROM CYCLONES = 4183.23
% CYCLONE ASH AS BOTTOM ASH = 78.97
% CYCLONE ASH AS FLYASH = 21.03

WEIGHT AVG C IN ASH = 6.66
UNBURNED CARBON % = .44

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 7A

TOTAL COAL FLOW	KLB/HR	94.30
REBURN COAL FLOW	KLB/HR	26.31
CYCLONE COAL FLOW	KLB/HR	67.99
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	8.09
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	.97
MOLE RATIO DRY/WET GAS		.92
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1011.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1635.51
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 132.31

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5799.45

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4296.25
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.59

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5940.36

FLYASH % = 27.53
BOTTOM ASH % = 72.47

MASS ASH FROM CYCLONES = 4181.38
% CYCLONE ASH AS BOTTOM ASH = 102.95
% CYCLONE ASH AS FLYASH = -2.95

WEIGHT AVG C IN ASH = 2.37
UNBURNED CARBON % = .15

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 9A

TOTAL COAL FLOW	KLB/HR	94.90
REBURN COAL FLOW	KLB/HR	26.28
CYCLONE COAL FLOW	KLB/HR	68.62
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	20.97
CARBON IN BOTTOM ASH	%	.50
ACUREX FLYASH CATCH	GR/DSCF	1.33
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1017.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2238.56
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 469.43

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5836.35

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4067.21
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 20.34

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6326.11

FLYASH % = 35.39
BOTTOM ASH % = 64.61

MASS ASH FROM CYCLONES = 4220.13
% CYCLONE ASH AS BOTTOM ASH = 96.86
% CYCLONE ASH AS FLYASH = 3.14

WEIGHT AVG C IN ASH = 7.74
UNBURNED CARBON % = .52

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 10A

TOTAL COAL FLOW	KLB/HR	94.20
REBURN COAL FLOW	KLB/HR	26.26
CYCLONE COAL FLOW	KLB/HR	67.94
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	19.90
CARBON IN BOTTOM ASH	%	.50
ACUREX FLYASH CATCH	GR/DSCF	2.82
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1009.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 4718.46
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 938.97

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5793.30

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2013.81
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 10.07

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6742.34

FLYASH % = 69.98
BOTTOM ASH % = 30.02

MASS ASH FROM CYCLONES = 4178.31
% CYCLONE ASH AS BOTTOM ASH = 48.44
% CYCLONE ASH AS FLYASH = 51.56

WEIGHT AVG C IN ASH = 14.08
UNBURNED CARBON % = 1.01

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 16A

TOTAL COAL FLOW	KLB/HR	95.30
REBURN COAL FLOW	KLB/HR	26.06
CYCLONE COAL FLOW	KLB/HR	69.24
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	30.70
CARBON IN BOTTOM ASH	%	.50
ACUREX FLYASH CATCH	GR/DSCF	1.34
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	1018.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2273.86
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 698.08

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5860.95

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4285.16
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 21.43

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6580.45

FLYASH % = 34.55
BOTTOM ASH % = 65.45

MASS ASH FROM CYCLONES = 4258.26
% CYCLONE ASH AS BOTTOM ASH = 101.13
% CYCLONE ASH AS FLYASH = -1.13

WEIGHT AVG C IN ASH = 10.94
UNBURNED CARBON % = .76

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 1BM

TOTAL COAL FLOW	KLB/HR	94.30
REBURN COAL FLOW	KLB/HR	25.99
CYCLONE COAL FLOW	KLB/HR	68.31
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	16.01
CARBON IN BOTTOM ASH	%	.20
B&W FLYASH CATCH	LB/KLB	1.28
GAS WEIGHT	KLB/HR	1003.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1284.84
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 205.70

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5799.45

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4720.31
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 9.44

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6014.59

FLYASH % = 21.36
BOTTOM ASH % = 78.64

MASS ASH FROM CYCLONES = 4201.07
% CYCLONE ASH AS BOTTOM ASH = 112.58
% CYCLONE ASH AS FLYASH = -12.58

WEIGHT AVG C IN ASH = 3.58
UNBURNED CARBON % = .23

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 3T

TOTAL COAL FLOW	KLB/HR	96.30
REBURN COAL FLOW	KLB/HR	27.79
CYCLONE COAL FLOW	KLB/HR	68.51
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	10.74
CARBON IN BOTTOM ASH	%	.20
B&W FLYASH CATCH	LB/KLB	4.38
GAS WEIGHT	KLB/HR	1014.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 4441.32
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 477.00

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5922.45

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1958.13
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 3.92

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6403.36

FLYASH % = 69.36
BOTTOM ASH % = 30.64

MASS ASH FROM CYCLONES = 4213.37
% CYCLONE ASH AS BOTTOM ASH = 46.57
% CYCLONE ASH AS FLYASH = 53.43

WEIGHT AVG C IN ASH = 7.51
UNBURNED CARBON % = .50

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 4T

TOTAL COAL FLOW	KLB/HR	97.00
REBURN COAL FLOW	KLB/HR	27.71
CYCLONE COAL FLOW	KLB/HR	69.29
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	22.85
CARBON IN BOTTOM ASH	%	.50
B&W FLYASH CATCH	LB/KLB	2.62
GAS WEIGHT	KLB/HR	1026.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2688.12
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 614.24

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5965.50

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3891.62
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 19.46

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6599.19

FLYASH % = 40.73
BOTTOM ASH % = 59.27

MASS ASH FROM CYCLONES = 4261.33
% CYCLONE ASH AS BOTTOM ASH = 91.78
% CYCLONE ASH AS FLYASH = 8.22

WEIGHT AVG C IN ASH = 9.60
UNBURNED CARBON % = .65

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 10B

TOTAL COAL FLOW	: KLB/HR :	95.80
REBURN COAL FLOW	: KLB/HR :	28.40
CYCLONE COAL FLOW	: KLB/HR :	67.40
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	7.60
CARBON IN BOTTOM ASH	: % :	.20
B&W FLYASH CATCH	: LB/KLB :	1.64
GAS WEIGHT	: KLB/HR :	1024.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1677.31
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 127.48

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5891.70

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4341.86
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.68

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6027.86

FLYASH % = 27.83
BOTTOM ASH % = 72.17

MASS ASH FROM CYCLONES = 4145.10
% CYCLONE ASH AS BOTTOM ASH = 104.96
% CYCLONE ASH AS FLYASH = -4.96

WEIGHT AVG C IN ASH = 2.26
UNBURNED CARBON % = .14

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 10C

TOTAL COAL FLOW	KLB/HR	96.20
REBURN COAL FLOW	KLB/HR	28.37
CYCLONE COAL FLOW	KLB/HR	67.83
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	7.60
CARBON IN BOTTOM ASH	%	.20
B&W FLYASH CATCH	LB/KLB	1.48
GAS WEIGHT	KLB/HR	1026.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1520.53
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 115.56

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5916.30

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4511.33
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 9.02

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6040.88

FLYASH % = 25.17
BOTTOM ASH % = 74.83

MASS ASH FROM CYCLONES = 4171.55
% CYCLONE ASH AS BOTTOM ASH = 108.36
% CYCLONE ASH AS FLYASH = -8.36

WEIGHT AVG C IN ASH = 2.06
UNBURNED CARBON % = .13

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 22T

TOTAL COAL FLOW	: KLB/HR :	98.10
REBURN COAL FLOW	: KLB/HR :	28.25
CYCLONE COAL FLOW	: KLB/HR :	69.85
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	27.54
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	4.04
GAS WEIGHT	: KLB/HR :	1004.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 4053.15
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 1116.24

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 6033.15

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3096.24
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 15.48

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 7164.87

FLYASH % = 56.57
BOTTOM ASH % = 43.43

MASS ASH FROM CYCLONES = 4295.78
% CYCLONE ASH AS BOTTOM ASH = 72.44
% CYCLONE ASH AS FLYASH = 27.56

WEIGHT AVG C IN ASH = 15.80
UNBURNED CARBON % = 1.15

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 23T

TOTAL COAL FLOW	: KLB/HR :	97.60
REBURN COAL FLOW	: KLB/HR :	28.29
CYCLONE COAL FLOW	: KLB/HR :	69.31
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	31.92
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	3.16
GAS WEIGHT	: KLB/HR :	1001.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 3160.16
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 1008.72

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 6002.40

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3850.97
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 19.25

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 7030.38

FLYASH % = 44.95
BOTTOM ASH % = 55.05

MASS ASH FROM CYCLONES = 4262.57
% CYCLONE ASH AS BOTTOM ASH = 90.80
% CYCLONE ASH AS FLYASH = 9.20

WEIGHT AVG C IN ASH = 14.62
UNBURNED CARBON % = 1.05

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 17T

TOTAL COAL FLOW	KLB/HR	96.50
REBURN COAL FLOW	KLB/HR	29.24
CYCLONE COAL FLOW	KLB/HR	67.26
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	24.43
CARBON IN BOTTOM ASH	%	.50
B&W FLYASH CATCH	LB/KLB	3.49
GAS WEIGHT	KLB/HR	1001.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 3497.49
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 854.44

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5934.75

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3291.69
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 16.46

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6805.65

FLYASH % = 51.39
BOTTOM ASH % = 48.61

MASS ASH FROM CYCLONES = 4136.49
% CYCLONE ASH AS BOTTOM ASH = 79.97
% CYCLONE ASH AS FLYASH = 20.03

WEIGHT AVG C IN ASH = 12.80
UNBURNED CARBON % = .90

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 3BM

TOTAL COAL FLOW	KLB/HR	95.30
REBURN COAL FLOW	KLB/HR	27.98
CYCLONE COAL FLOW	KLB/HR	67.32
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	16.29
CARBON IN BOTTOM ASH	%	.20
~~B&W FLYASH CATCH~~	~~LB/KLB~~	~~1.59~~
GAS WEIGHT	KLB/HR	1008.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1603.02
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 261.13

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5860.95

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4519.06
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 9.04

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6131.12

FLYASH % = 26.15
BOTTOM ASH % = 73.85

MASS ASH FROM CYCLONES = 4140.18
% CYCLONE ASH AS BOTTOM ASH = 109.37
% CYCLONE ASH AS FLYASH = -9.37

WEIGHT AVG C IN ASH = 4.41
UNBURNED CARBON % = .28

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 50T

TOTAL COAL FLOW	: KLB/HR :	95.70
REBURN COAL FLOW	: KLB/HR :	28.21
CYCLONE COAL FLOW	: KLB/HR :	67.49
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	11.13
CARBON IN BOTTOM ASH	: % :	.20
B&W FLYASH CATCH	: LB/KLB :	2.11
GAS WEIGHT	: KLB/HR :	999.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2103.89
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 234.16

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5885.55

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 4015.82
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.03

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6127.75

FLYASH % = 34.33
BOTTOM ASH % = 65.67

MASS ASH FROM CYCLONES = 4150.64
% CYCLONE ASH AS BOTTOM ASH = 96.95
% CYCLONE ASH AS FLYASH = 3.05

WEIGHT AVG C IN ASH = 3.95
UNBURNED CARBON % = .25

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 25T

TOTAL COAL FLOW	: KLB/HR :	97.60
REBURN COAL FLOW	: KLB/HR :	32.08
CYCLONE COAL FLOW	: KLB/HR :	65.52
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	26.71
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	2.95
GAS WEIGHT	: KLB/HR :	1006.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2966.69
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 792.40

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 6002.40

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3828.11
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 19.14

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6813.94

FLYASH % = 43.54
BOTTOM ASH % = 56.46

MASS ASH FROM CYCLONES = 4029.48
% CYCLONE ASH AS BOTTOM ASH = 95.48
% CYCLONE ASH AS FLYASH = 4.52

WEIGHT AVG C IN ASH = 11.91
UNBURNED CARBON % = .83

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 32T

TOTAL COAL FLOW	KLB/HR	97.20
REBURN COAL FLOW	KLB/HR	32.07
CYCLONE COAL FLOW	KLB/HR	65.13
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	25.18
CARBON IN BOTTOM ASH	%	.50
B&W FLYASH CATCH	LB/KLB	3.50
GAS WEIGHT	KLB/HR	995.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 3477.53
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 875.64

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5977.80

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3375.92
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 16.88

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6870.32

FLYASH % = 50.62
BOTTOM ASH % = 49.38

MASS ASH FROM CYCLONES = 4005.50
% CYCLONE ASH AS BOTTOM ASH = 84.70
% CYCLONE ASH AS FLYASH = 15.30

WEIGHT AVG C IN ASH = 12.99
UNBURNED CARBON % = .92

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 17A

TOTAL COAL FLOW	KLB/HR	93.80
REBURN COAL FLOW	KLB/HR	31.17
CYCLONE COAL FLOW	KLB/HR	62.63
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	12.40
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	1.49
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	989.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2415.24
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 299.49

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 5768.70

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3652.95
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 7.31

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 6075.50

FLYASH % = 39.75
BOTTOM ASH % = 60.25

MASS ASH FROM CYCLONES = 3851.75
% CYCLONE ASH AS BOTTOM ASH = 95.03
% CYCLONE ASH AS FLYASH = 4.97

WEIGHT AVG C IN ASH = 5.05
UNBURNED CARBON % = .33

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 18A

TOTAL COAL FLOW	KLB/HR	76.40
REBURN COAL FLOW	KLB/HR	22.78
CYCLONE COAL FLOW	KLB/HR	53.62
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	18.95
CARBON IN BOTTOM ASH	%	.50
ACUREX FLYASH CATCH	GR/DSCF	1.40
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	812.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1864.88
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 353.39

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4698.60

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3187.12
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 15.94

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5067.93

FLYASH % = 36.80
BOTTOM ASH % = 63.20

MASS ASH FROM CYCLONES = 3297.63
% CYCLONE ASH AS BOTTOM ASH = 97.13
% CYCLONE ASH AS FLYASH = 2.87

WEIGHT AVG C IN ASH = 7.29
UNBURNED CARBON % = .48

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 45T

TOTAL COAL FLOW	: KLB/HR :	74.20
REBURN COAL FLOW	: KLB/HR :	24.29
CYCLONE COAL FLOW	: KLB/HR :	49.91
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	25.73
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	3.33
GAS WEIGHT	: KLB/HR :	771.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2567.43
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 660.60

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4563.30

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2656.47
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 13.28

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5237.18

FLYASH % = 49.02
BOTTOM ASH % = 50.98

MASS ASH FROM CYCLONES = 3069.47
% CYCLONE ASH AS BOTTOM ASH = 86.98
% CYCLONE ASH AS FLYASH = 13.02

WEIGHT AVG C IN ASH = 12.87
UNBURNED CARBON % = .91

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 5A

TOTAL COAL FLOW	KLB/HR	68.80
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	68.80
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	7.94
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	1.11
MOLE RATIO DRY/WET GAS		.92
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	784.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1451.34
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 115.24

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4231.20

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2895.10
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 5.79

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4352.23

FLYASH % = 33.35
BOTTOM ASH % = 66.65

MASS ASH FROM CYCLONES = 4231.20
% CYCLONE ASH AS BOTTOM ASH = 68.56
% CYCLONE ASH AS FLYASH = 31.44

WEIGHT AVG C IN ASH = 2.78
UNBURNED CARBON % = .18

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 11A

TOTAL COAL FLOW	KLB/HR	69.50
REBURN COAL FLOW	KLB/HR	23.32
CYCLONE COAL FLOW	KLB/HR	46.18
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	16.44
CARBON IN BOTTOM ASH	%	.20
~~ACUREX FLYASH CATCH~~	~~GR/DSCF~~	~~1.23~~
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	744.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1524.96
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 250.70

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4274.25

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3000.00
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 6.00

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4530.95

FLYASH % = 33.66
BOTTOM ASH % = 66.34

MASS ASH FROM CYCLONES = 2840.07
% CYCLONE ASH AS BOTTOM ASH = 105.84
% CYCLONE ASH AS FLYASH = -5.84

WEIGHT AVG C IN ASH = 5.67
UNBURNED CARBON % = .37

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 11B

TOTAL COAL FLOW	KLB/HR	69.80
REBURN COAL FLOW	KLB/HR	23.31
CYCLONE COAL FLOW	KLB/HR	46.49
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	15.74
CARBON IN BOTTOM ASH	%	.20
B&W FLYASH CATCH	LB/KLB	1.91
GAS WEIGHT	KLB/HR	756.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1441.69
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 226.92

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4292.70

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3077.93
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 6.16

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4525.78

FLYASH % = 31.86
BOTTOM ASH % = 68.14

MASS ASH FROM CYCLONES = 2859.14
% CYCLONE ASH AS BOTTOM ASH = 107.87
% CYCLONE ASH AS FLYASH = -7.87

WEIGHT AVG C IN ASH = 5.15
UNBURNED CARBON % = .33

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 11C

TOTAL COAL FLOW	KLB/HR	69.60
REBURN COAL FLOW	KLB/HR	23.30
CYCLONE COAL FLOW	KLB/HR	46.30
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	10.61
CARBON IN BOTTOM ASH	%	.20
B&W FLYASH CATCH	LB/KLB	1.64
GAS WEIGHT	KLB/HR	786.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 1287.47
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 136.60

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4280.40

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3129.53
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 6.26

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4423.26

FLYASH % = 29.11
BOTTOM ASH % = 70.89

MASS ASH FROM CYCLONES = 2847.45
% CYCLONE ASH AS BOTTOM ASH = 110.13
% CYCLONE ASH AS FLYASH = -10.13

WEIGHT AVG C IN ASH = 3.23
UNBURNED CARBON % = .21

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 12A

TOTAL COAL FLOW	KLB/HR	70.20
REBURN COAL FLOW	KLB/HR	23.19
CYCLONE COAL FLOW	KLB/HR	47.01
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	14.69
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	1.64
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	756.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2062.93
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 303.04

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4317.30

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2557.42
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 5.11

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4625.46

FLYASH % = 44.60
BOTTOM ASH % = 55.40

MASS ASH FROM CYCLONES = 2891.12
% CYCLONE ASH AS BOTTOM ASH = 88.63
% CYCLONE ASH AS FLYASH = 11.37

WEIGHT AVG C IN ASH = 6.66
UNBURNED CARBON % = .44

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 13A

TOTAL COAL FLOW	KLB/HR	69.70
REBURN COAL FLOW	KLB/HR	23.24
CYCLONE COAL FLOW	KLB/HR	46.46
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	15.15
CARBON IN BOTTOM ASH	%	.20
ACUREX FLYASH CATCH	GR/DSCF	1.82
MOLE RATIO DRY/WET GAS		.92
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	760.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2307.28
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 349.55

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4286.55

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2328.82
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 4.66

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4640.76

FLYASH % = 49.72
BOTTOM ASH % = 50.28

MASS ASH FROM CYCLONES = 2857.29
% CYCLONE ASH AS BOTTOM ASH = 81.67
% CYCLONE ASH AS FLYASH = 18.33

WEIGHT AVG C IN ASH = 7.63
UNBURNED CARBON % = .51

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 4BM

TOTAL COAL FLOW	: KLB/HR :	69.80
REBURN COAL FLOW	: KLB/HR :	22.98
CYCLONE COAL FLOW	: KLB/HR :	46.82
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	18.58
CARBON IN BOTTOM ASH	: % :	.20
B&W FLYASH CATCH	: LB/KLB :	1.14
GAS WEIGHT	: KLB/HR :	743.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 845.16
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 157.03

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4292.70

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 3604.57
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 7.21

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4456.94

FLYASH % = 18.96
BOTTOM ASH % = 81.04

MASS ASH FROM CYCLONES = 2879.43
% CYCLONE ASH AS BOTTOM ASH = 125.43
% CYCLONE ASH AS FLYASH = -25.43

WEIGHT AVG C IN ASH = 3.69
UNBURNED CARBON % = .24

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 13T

TOTAL COAL FLOW	: KLB/HR :	71.80
REBURN COAL FLOW	: KLB/HR :	23.35
CYCLONE COAL FLOW	: KLB/HR :	48.45
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	37.54
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	4.33
GAS WEIGHT	: KLB/HR :	747.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 3234.51
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 1214.24

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4415.70

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2395.43
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 11.98

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5641.91

FLYASH % = 57.33
BOTTOM ASH % = 42.67

MASS ASH FROM CYCLONES = 2979.67
% CYCLONE ASH AS BOTTOM ASH = 80.79
% CYCLONE ASH AS FLYASH = 19.21

WEIGHT AVG C IN ASH = 21.74
UNBURNED CARBON % = 1.71

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 14T

TOTAL COAL FLOW	: KLB/HR :	71.20
REBURN COAL FLOW	: KLB/HR :	23.38
CYCLONE COAL FLOW	: KLB/HR :	47.82
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	33.10
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	3.76
GAS WEIGHT	: KLB/HR :	739.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2777.90
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 919.49

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4378.80

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2520.38
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 12.60

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5310.89

FLYASH % = 52.31
BOTTOM ASH % = 47.69

MASS ASH FROM CYCLONES = 2940.93
% CYCLONE ASH AS BOTTOM ASH = 86.13
% CYCLONE ASH AS FLYASH = 13.87

WEIGHT AVG C IN ASH = 17.55
UNBURNED CARBON % = 1.31

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 28T

TOTAL COAL FLOW	: KLB/HR :	72.20
REBURN COAL FLOW	: KLB/HR :	23.14
CYCLONE COAL FLOW	: KLB/HR :	49.06
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	35.52
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	4.05
GAS WEIGHT	: KLB/HR :	747.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 3026.84
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 1075.13

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4440.30

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2488.59
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 12.44

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5527.88

FLYASH % = 54.76
BOTTOM ASH % = 45.24

MASS ASH FROM CYCLONES = 3017.19
% CYCLONE ASH AS BOTTOM ASH = 82.89
% CYCLONE ASH AS FLYASH = 17.11

WEIGHT AVG C IN ASH = 19.68
UNBURNED CARBON % = 1.51

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 46T

TOTAL COAL FLOW	KLB/HR	72.30
REBURN COAL FLOW	KLB/HR	23.21
CYCLONE COAL FLOW	KLB/HR	49.09
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	33.83
CARBON IN BOTTOM ASH	%	.50
~~B&W FLYASH CATCH~~	~~LB/KLB~~	~~3.31~~
GAS WEIGHT	KLB/HR	734.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2427.34
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 821.17

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4446.45

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2840.28
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 14.20

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5281.82

FLYASH % = 45.96
BOTTOM ASH % = 54.04

MASS ASH FROM CYCLONES = 3019.03
% CYCLONE ASH AS BOTTOM ASH = 94.55
% CYCLONE ASH AS FLYASH = 5.45

WEIGHT AVG C IN ASH = 15.82
UNBURNED CARBON % = 1.16

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 47T

TOTAL COAL FLOW	: KLB/HR :	71.40
REBURN COAL FLOW	: KLB/HR :	23.21
CYCLONE COAL FLOW	: KLB/HR :	48.19
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	30.03
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	3.08
GAS WEIGHT	: KLB/HR :	732.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2251.63
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 676.17

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4391.10

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2815.63
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 14.08

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5081.34

FLYASH % = 44.31
BOTTOM ASH % = 55.69

MASS ASH FROM CYCLONES = 2963.69
% CYCLONE ASH AS BOTTOM ASH = 95.48
% CYCLONE ASH AS FLYASH = 4.52

WEIGHT AVG C IN ASH = 13.59
UNBURNED CARBON % = .97

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 49T

TOTAL COAL FLOW	: KLB/HR :	71.50
REBURN COAL FLOW	: KLB/HR :	25.86
CYCLONE COAL FLOW	: KLB/HR :	45.64
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	22.51
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	3.04
GAS WEIGHT	: KLB/HR :	759.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2311.15
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 520.24

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4397.25

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2606.34
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 13.03

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4930.52

FLYASH % = 46.87
BOTTOM ASH % = 53.13

MASS ASH FROM CYCLONES = 2806.86
% CYCLONE ASH AS BOTTOM ASH = 93.32
% CYCLONE ASH AS FLYASH = 6.68

WEIGHT AVG C IN ASH = 10.82
UNBURNED CARBON % = .75

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 12B

TOTAL COAL FLOW	KLB/HR	70.00
REBURN COAL FLOW	KLB/HR	21.20
CYCLONE COAL FLOW	KLB/HR	48.80
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	16.72
CARBON IN BOTTOM ASH	%	.20
~~B&W FLYASH CATCH~~	~~LB/KLB~~	~~3.01~~
GAS WEIGHT	KLB/HR	759.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2287.63
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 382.49

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4305.00

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2399.87
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 4.80

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4692.29

FLYASH % = 48.75
BOTTOM ASH % = 51.25

MASS ASH FROM CYCLONES = 3001.20
% CYCLONE ASH AS BOTTOM ASH = 80.12
% CYCLONE ASH AS FLYASH = 19.88

WEIGHT AVG C IN ASH = 8.25
UNBURNED CARBON % = .55

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 42T

TOTAL COAL FLOW	KLB/HR	61.30
REBURN COAL FLOW	KLB/HR	22.26
CYCLONE COAL FLOW	KLB/HR	39.04
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	34.04
CARBON IN BOTTOM ASH	%	.50
~~B&W FLYASH CATCH~~	~~LB/KLB~~	~~4.56~~
GAS WEIGHT	KLB/HR	641.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2921.04
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 994.32

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3769.95

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1843.23
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 9.22

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4773.49

FLYASH % = 61.19
BOTTOM ASH % = 38.81

MASS ASH FROM CYCLONES = 2400.96
% CYCLONE ASH AS BOTTOM ASH = 77.15
% CYCLONE ASH AS FLYASH = 22.85

WEIGHT AVG C IN ASH = 21.02
UNBURNED CARBON % = 1.64

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 39T

TOTAL COAL FLOW	: KLB/HR :	61.60
REBURN COAL FLOW	: KLB/HR :	23.25
CYCLONE COAL FLOW	: KLB/HR :	38.35
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	38.12
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	4.10
GAS WEIGHT	: KLB/HR :	627.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2570.70
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 979.95

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3788.40

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2197.65
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 10.99

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4779.34

FLYASH % = 53.79
BOTTOM ASH % = 46.21

MASS ASH FROM CYCLONES = 2358.53
% CYCLONE ASH AS BOTTOM ASH = 93.64
% CYCLONE ASH AS FLYASH = 6.36

WEIGHT AVG C IN ASH = 20.73
UNBURNED CARBON % = 1.61

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 1A

TOTAL COAL FLOW	KLB/HR	58.30
REBURN COAL FLOW	KLB/HR	0.00
CYCLONE COAL FLOW	KLB/HR	58.30
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	23.46
CARBON IN BOTTOM ASH	%	.50
ACUREX FLYASH CATCH	GR/DSCF	1.09
MOLE RATIO DRY/WET GAS		.91
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	649.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1175.54
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 275.78

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3585.45

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2685.69
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 13.43

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3874.66

FLYASH % = 30.34
BOTTOM ASH % = 69.66

MASS ASH FROM CYCLONES = 3585.45
% CYCLONE ASH AS BOTTOM ASH = 75.28
% CYCLONE ASH AS FLYASH = 24.72

WEIGHT AVG C IN ASH = 7.47
UNBURNED CARBON % = .50

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 20A

TOTAL COAL FLOW	KLB/HR	52.30
REBURN COAL FLOW	KLB/HR	16.43
CYCLONE COAL FLOW	KLB/HR	35.87
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	34.94
CARBON IN BOTTOM ASH	%	.50
ACUREX FLYASH CATCH	GR/DSCF	2.63
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	572.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2478.86
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 866.11

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3216.45

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1603.70
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.02

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4090.58

FLYASH % = 60.60
BOTTOM ASH % = 39.40

MASS ASH FROM CYCLONES = 2206.01
% CYCLONE ASH AS BOTTOM ASH = 73.06
% CYCLONE ASH AS FLYASH = 26.94

WEIGHT AVG C IN ASH = 21.37
UNBURNED CARBON % = 1.67

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 15A

TOTAL COAL FLOW	KLB/HR	52.30
REBURN COAL FLOW	KLB/HR	16.51
CYCLONE COAL FLOW	KLB/HR	35.79
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	20.33
CARBON IN BOTTOM ASH	%	.50
~~ACUREX FLYASH CATCH~~	~~GR/DSCF~~	~~2.69~~
MOLE RATIO DRY/WET GAS		.92
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	546.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2462.67
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 500.66

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3216.45

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1254.44
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 6.27

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3723.38

FLYASH % = 66.14
BOTTOM ASH % = 33.86

MASS ASH FROM CYCLONES = 2201.09
% CYCLONE ASH AS BOTTOM ASH = 57.28
% CYCLONE ASH AS FLYASH = 42.72

WEIGHT AVG C IN ASH = 13.62
UNBURNED CARBON % = .97

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 48T

TOTAL COAL FLOW	: KLB/HR :	50.20
REBURN COAL FLOW	: KLB/HR :	15.95
CYCLONE COAL FLOW	: KLB/HR :	34.25
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	35.85
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	4.43
GAS WEIGHT	: KLB/HR :	513.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2273.62
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 815.09

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3087.30

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1628.78
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 8.14

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3910.54

FLYASH % = 58.14
BOTTOM ASH % = 41.86

MASS ASH FROM CYCLONES = 2106.38
% CYCLONE ASH AS BOTTOM ASH = 77.71
% CYCLONE ASH AS FLYASH = 22.29

WEIGHT AVG C IN ASH = 21.05
UNBURNED CARBON % = 1.64

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 43T

TOTAL COAL FLOW	: KLB/HR :	48.90
REBURN COAL FLOW	: KLB/HR :	16.03
CYCLONE COAL FLOW	: KLB/HR :	32.87
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	33.86
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	5.30
GAS WEIGHT	: KLB/HR :	505.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2674.98
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 905.75

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3007.35

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1238.11
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 6.19

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3919.29

FLYASH % = 68.25
BOTTOM ASH % = 31.75

MASS ASH FROM CYCLONES = 2021.51
% CYCLONE ASH AS BOTTOM ASH = 61.55
% CYCLONE ASH AS FLYASH = 38.45

WEIGHT AVG C IN ASH = 23.27
UNBURNED CARBON % = 1.86

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 2BM

TOTAL COAL FLOW	: KLB/HR :	53.30
REBURN COAL FLOW	: KLB/HR :	17.26
CYCLONE COAL FLOW	: KLB/HR :	36.04
ASH IN FUEL	: % :	6.15
CARBON IN FLYASH	: % :	41.20
CARBON IN BOTTOM ASH	: % :	.50
B&W FLYASH CATCH	: LB/KLB :	3.81
GAS WEIGHT	: KLB/HR :	578.00

B&W FLYASH MASS (LB/HR) = CATCH * GAS WEIGHT = 2204.49
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 908.25

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 3277.95

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1981.71
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 9.91

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 4196.11

FLYASH % = 52.54
BOTTOM ASH % = 47.46

MASS ASH FROM CYCLONES = 2216.46
% CYCLONE ASH AS BOTTOM ASH = 89.86
% CYCLONE ASH AS FLYASH = 10.14

WEIGHT AVG C IN ASH = 21.88
UNBURNED CARBON % = 1.72

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 14A

TOTAL COAL FLOW	KLB/HR	48.50
REBURN COAL FLOW	KLB/HR	16.23
CYCLONE COAL FLOW	KLB/HR	32.27
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	20.01
CARBON IN BOTTOM ASH	%	.50
ACUREX FLYASH CATCH	GR/DSCF	2.05
MOLE RATIO DRY/WET GAS		.92
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	515.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 1763.13
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 352.80

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 2982.75

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 1572.42
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 7.86

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 3343.41

FLYASH % = 52.73
BOTTOM ASH % = 47.27

MASS ASH FROM CYCLONES = 1984.61
% CYCLONE ASH AS BOTTOM ASH = 79.63
% CYCLONE ASH AS FLYASH = 20.37

WEIGHT AVG C IN ASH = 10.79
UNBURNED CARBON % = .74

ASH SPLIT & CARBON LOSS CALCULATIONS FOR TEST # 19A

TOTAL COAL FLOW	KLB/HR	69.00
REBURN COAL FLOW	KLB/HR	22.51
CYCLONE COAL FLOW	KLB/HR	46.49
ASH IN FUEL	%	6.15
CARBON IN FLYASH	%	32.37
CARBON IN BOTTOM ASH	%	.50
ACUREX FLYASH CATCH	GR/DSCF	1.96
MOLE RATIO DRY/WET GAS		.90
BASE DENSITY OF GAS	LB/CFT	.08
GAS WEIGHT	KLB/HR	765.00

ACUREX FLYASH MASS (LB/HR) = CATCH*RATIO*GSWT/(PBASE*7) = 2468.02
MASS C FLYASH = C FLYASH % * MASS FLYASH / 100 = 798.90

TOTAL ASH FROM FUEL = TOTAL COAL FLOW * ASH IN FUEL / 100 = 4243.50

MASS BOTTOM ASH = TOTAL ASH - (FLYASH - C IN FLYASH) = 2574.38
MASS C BOTTOM ASH = BOTTOM ASH * C IN BOTTOM ASH / 100 = 12.87

TOTAL REFUSE = TOTAL ASH + C IN FLYASH + C IN BOTTOM ASH = 5055.27

FLYASH % = 48.82
BOTTOM ASH % = 51.18

MASS ASH FROM CYCLONES = 2859.14
% CYCLONE ASH AS BOTTOM ASH = 90.49
% CYCLONE ASH AS FLYASH = 9.51

WEIGHT AVG C IN ASH = 16.06
UNBURNED CARBON % = 1.18