TEST #10

Unit 2 Turbine Perf. Tests

5/16/87 Sat. 1330-1530

790 MWg - 3rd VP

IP14_006359

TEST FLOW 5530.3 TEST EXH PRESS 2.96 EXH CORR

1.2

TEST POINT 10 5-17-87 12:00 PM

TEST LOAD 788480. TEST HR 7790.4

GROUP 1 CORRECTIONS

	DESIGN	TEST	HR	LOAD
TD(F)	-2.00	-2.46	0.9999	0.9995
EXTR DP(%)	3.00	0.97	0.9997	0.9975
AUX EXT(%)	4.20	3.70	0.9965	1.0035
MSD(#/HR)	0.0	43808.	1.0002	1.0008
APH(%)	2.33	1.59	0.9959	1.0041
RHD(#/HR)	0.0	0.	1.0000	1.0000
COND SC(F)	0.0	0.18	1.0000	1.0000
COMBINED FACTOR			0.9924	1.0051

GROUP 2 CORRECTIONS

	DESIGN	TEST	HR	LOAD
PT(PSIA)	2412.20	2382.40	1.0010	0.9876
TT(F)	1000.00	1001.70	0.9997	0.9999
THR(F)	1000.00	1007.50	0.9989	1.0035
DP RH(%)	10.00	7.74	0.9977	1.0058
P EXH(HG)	2.30	2.96	1.0121	0.9881
COMBINED FACTOR			1.0094	0.9848

CORR LOAD 796822. CORR HR 7777.1

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IP14_006360

ELECTRICAL LOAD

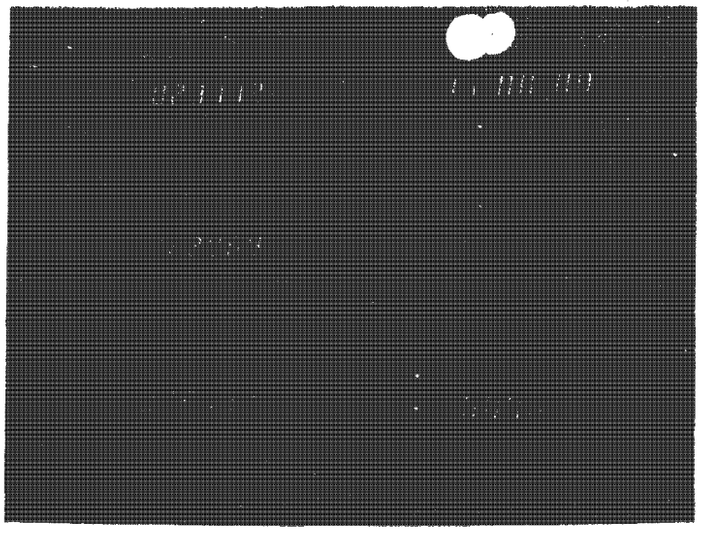
INTERMOUNTAIN POWER PROJECT
UNIT #2 TURBINE 270T151

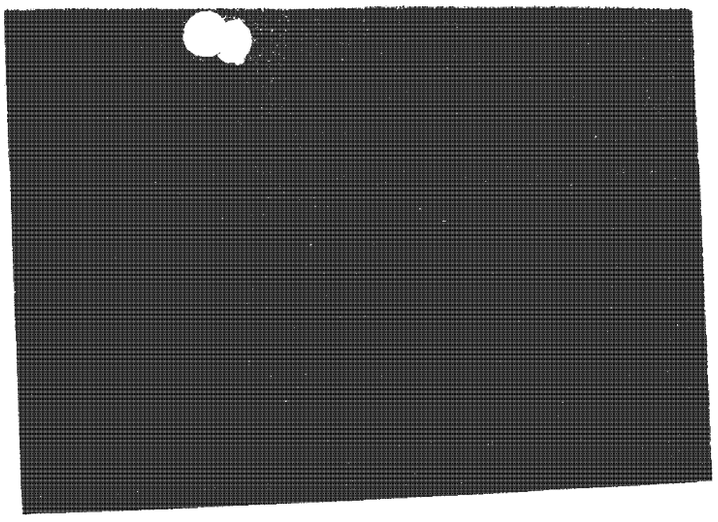
MEASUREMENT (CONTROL ROOM)

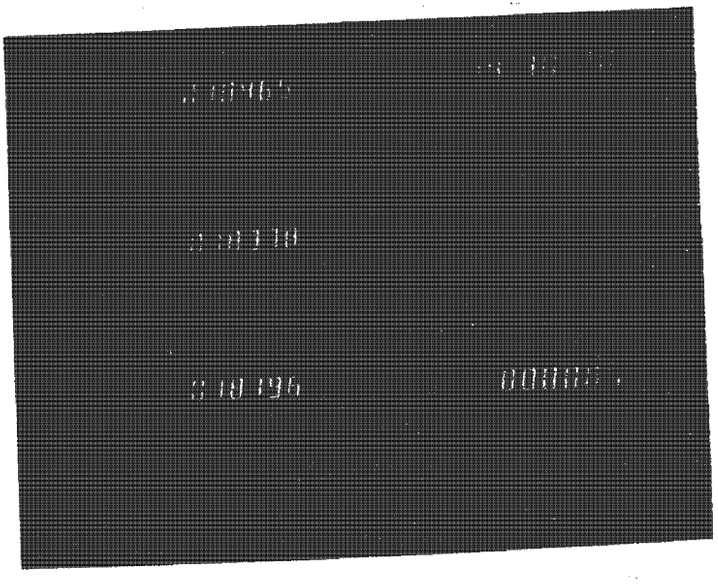
TEST POINT # 10
LOAD MWg 790 MW
DATE MAY 16, 1987
NAME R.L. SPRINNOWR

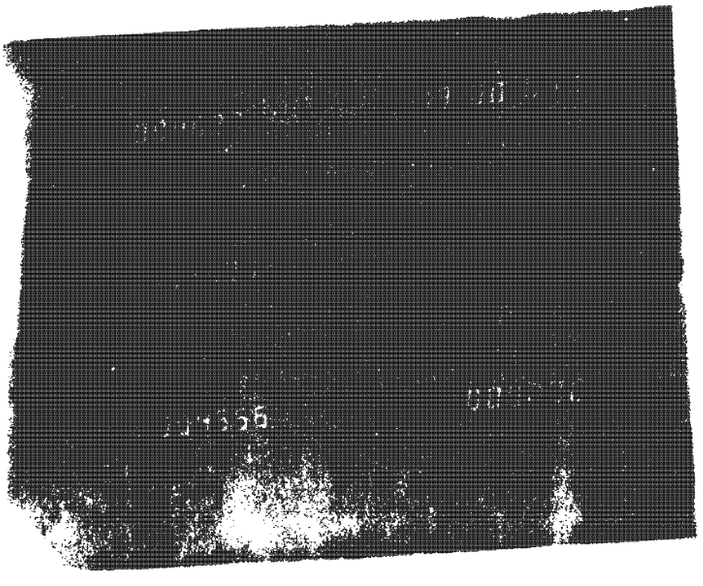
TIME HR/MIN/SEC	COUNTS A PHASE	COUNTS B PHASE	COUNTS C PHASE
12:30:00	0	0	0
12:45	00 2313	15 2331	30 2347
13:00:01	4627	4601	4556
13:15	00 6937	15 6944	30 6917
13:30:00	9252	9203	9110
13:45	00 11564	15 11538	30 11460
14:00:00	13859	13787	13650
14:15	00 16164	15 16126	30 16004
14:30:00	18465	18378	18196
14:45	00 20800	15 20712	30 20546
15:00:00	23112	22969	22744
15:15	00 25422	15 25287	30 25079
15:30:00	27728	27549	27284

NOTE: TAKE PICTURES OF ELECTRICAL LOAD EVERY 15 MINUTES. RECORD VALUES FROM PICTURES TO THIS DATA SHEET.









INTERMOUNTAIN POWER PROJECT
UNIT #2 TURBINE 270T151

Test Point #_____
MW g _____
Date 5-16-87 2nd TEST
Observer L LEWIS

CONDENSER HOT WELL LEVEL \ MEASUREMENT

TIME	C ⇐ HOOD LEVEL	B HOOD LEVEL	A ⇐ HOOD LEVEL
1200	FULL	12 1/8	
1215		11 7/8	
1230		12 1/8	
1245		11 7/8	
1300		11 7/8	
1315		11 7/8	
1330		11 3/4	
1345		11 5/8	
1400	14 3/4	11 1/2	
1415	14 3/4	11 1/2	
1430	14 1/2	11 1/2	
1445	14 1/2	11 3/8	
1500	14 3/8	11 3/8	
1515	14 3/8	11 1/4	
1530	14 1/4	11 1/8	

STEAM PACKING

~~1140 2:47.92~~
~~1145 2:49.36~~
~~1530 2:47.34~~
~~1535 2:49:15~~

NOTE: READ HOT WELL LEVELS LOCALLY OF EACH CONDENSER EVERY 15 MINUETES.

INTERMOUNTAIN POWER PROJECT
UNIT #2 TURBINE 270T151

Test Point #
MW g
Date 5-16-87
Observer B. WARNER

DEARRATOR LEVEL

TIME	LEVEL Low	LEVEL High
1200	8.75	10.50
1215	9.00	10.50
1230	8.50	10.75
1245	9.00	10.25
1300	8.50	10.50
1315	9.50	10.75
1330	9.25	10.50
1345	9.00	11.125
1400	9.00	10.75
1415	9.50	10.75
1430	9.00	10.50
1445	9.00	11.25
1500	9.00	10.50

NOTE: READ DEARRATOR LEVEL LOCALLY EVERY 15 MINUTES.

INTERMOUNTAIN POWER PROJECT
UNIT #2 TURBINE 270T151

Test Point #
MW g
Date 5-16-87
Observer B Warner

DEARRATOR LEVEL

TIME		LEVEL
1515	9.00	10.50
1530	9.00	10.50

NOTE: READ DEARRATOR LEVEL LOCALLY EVERY 15 MINUTES.

INTERMOUNTAIN POWER PROJECT
UNIT #2 TURBINE Z70T151

Test Point #_____
MW g _____
Date 5-16-87
Observer C LEWIS

STEAM PACKING EXH DRAIN FLOW

TIME	TIME INCREMENT
1140	2:47.92
1145	2:49.36
1530	2:47.34
1535	2:49.15

Start recording time at low mark.
Stop recording at upper mark.

Distance between upper and lower marks. _____ (in)

Diameter of barrel. _____ (in)

NOTE: One half hour prior to each test take 2 sets of readings, and 2 sets of readings after the test. Do not measure during the test.

EQUIPMENT: STOPWATCH/BARREL/SUMP PUMP/EXTENSION CORD.

COAL SAMPLE 1400 2H
1500 2G

Test pt 10
5/16/87
Stopped 15:34

2036299
0000000
1445166
09163
2013824
0000000
1427486
07820
1845711
0000000
1308938
98851
1678169
0000000
1190223
89883
1510155
0000000
1071436
80912
1342270
0000000
0953339
71943
1174211
0000000
0834519
62973
1006271
0000000
0715821
54006
0843775
0000000
0596855
45036
0675985
0000000
0478019
36067
0508051

8091.2
1342270
0000000
0953339
71943
1174211
0000000
0834519
6297.3
1006271
0000000
0715821
5400.6
0843775
0000000
0596855
4503.6
0675985
0000000
0478019
3606.7
0508051
0000000
0359309
2709.4
0339806
0000000
0239712
1811.8
0171031 BOOSTER
0000000
0120655 MAIN
0913.6 TIME

STARTED 12:32

TEST #10 3RD VALVE PT
LOAD = 790 MW
MAY 16, 1987

CONTROL ROOM

TIME	Atmospheric Pressure (In Hg)	Temperature (°F)
12:30	25.37	72.5°
13:33	25.36	73°
14:47	25.32	73°
15:32	25.30	73°

TEST #10 3RD VA POINT
LOAD = 790 MW
MAY 16, 1987

BFPT INDICATION

TIME	BFPT 1A SPEED	BFPT 1A TORQUE	BFPT 1A HP	BFPT 1B SPEED	BFPT 1B TORQUE	BFPT 1B HP
12:32	4958	10630	10030	5011	11230	10700
12:46	4972	10680	10110	5030	11310	10830
13:02	4972	10720	10140	5038	11360	10890
13:18	4969	10680	10100	5026	11300	10820
13:32	4966	10670	10090	5026	11290	10800
13:46	4940	10540	9920	4994	11140	10610
14:02	4973	10840	10250	5032	11340	11860
14:16	4970	10690	10130	5029	11320	10840
14:31	4954	10630	10020	5016	11260	10750
14:46	4977	10750	10180	5039	11380	10930
15:02	4966	10710	10130	5007	11230	10710
15:16	4951	10630	10020	5005	11240	10690
15:32	4984	10800	10240	5043	11390	10930

Test # 10 5/16/87

3VP (makeup)

LAB Flow

Sample #2 Condensate Pump Discharge none

Sample # 10 CND AFT GLD COND 600 ml/min

Sample #12 Boiler Water 250 ml/min

pump stroke ammonia 47

hydrazine 17

UNDER SOFTWARE LOCK 05/16/87 12:36:21 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	787.	MW	UNIT LOAD		
APEKV0005	[illegible]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	34.53	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5597.	KPPH	STEAM FLOW (FW + SSF)		
COAXI015A	1009.	DEGF	THROTTLE TEMP		
SGCTE0004	1008.	DEGF	MAIN STEAM LINE T		
COAXI012A	2410.	PSIG	TURBINE THROTTLE PRESS		
SGCPT0001	2408.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1003.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1002.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	462.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	464.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5549.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5530.	KPPH	BOILER FEEDWATER F		
COAXI001A	295.6	TPH	TOTAL FUEL FLOW		
COAXI080A	4.5	PCT	WEST FLUE GAS O2		
COAXI079A	3.5	PCT	EAST FLUE GAS O2		
COAXI083A	-.4	INWC	FURNACE PRESS		
SGAPT0171	-.5	INWC	SG EAST FLUE-GAS PR		

FORWARD PAGING DESK1

IP14_006372

UNDER SOFTWARE LOCK 05/16/87 12:36:42 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
HRAPT0112	.9	INHGA	HP COND 1A SHELL PR		
HRAPT0113	.0	INHGA	IP COND 1D SHELL PR		
COAXI110A	2.6	INHGA	CONDENSER ABSOLUTE PRESSURE		
SCBTE0927	[illegible]	DEGF	SEC AH 1A GAS OUT T		HI-WRN
SCBTE0929	296.	DEGF	SEC AH 1B GAS OUT T		
SAAKK0007	.382	LB/MB	STACK NOX CONVERTED		
SAAKK0002	454.	PPM	SCRUB INLET SO2		
SAAKK0004	24.9	PPM	STACK SO2		
HRCTE0377	89.	DEGF	IP COND 1B INLET T		
HRCTE0378	88.	DEGF	IP COND 1B INLET T		
HRCTE0379	89.	DEGF	LP COND 1C EAST INLET T		
HRCTE0380	88.	DEGF	LP COND 1C WEST INLET T		
HRCTE0389	111.	DEGF	IP COND 1B OUTLET T WEST		
HRCTE0394	110.	DEGF	IP COND 1B OUTLET T EAST		
HRCTE0397	113.	DEGF	HP COND 1A WEST OUTLET T		
HRCTE0401	114.	DEGF	HP COND 1A EAST OUTLET T		
COAXI078A	80.6	PCT	TOTAL AIR FLOW		

FORWARD PAGING DESK2

IP14_006373

UNDER SOFTWARE LOCK 05/16/87 12:48:07 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	789.	MW	UNIT LOAD		
APEKV0005	[redacted]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	34.24	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5343.	KPPH	STEAM FLOW (FW + SSF)		
COAXI015A	1013.	DEGF	THROTTLE TEMP		
SGGTE0004	1012.	DEGF	MAIN STEAM LINE T		
COAXI012A	2399.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2399.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1010.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1010.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	462.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	467.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5299.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5157.	KPPH	BOILER FEEDWATER F		
COAXI001A	295.3	TPH	TOTAL FUEL FLOW		
COAXI080A	4.1	PCT	WEST FLUE GAS O2		
COAXI079A	4.1	PCT	EAST FLUE GAS O2		
COAXI083A	-.4	INWC	FURNACE PRESS		
SGAPT0171	-.5	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006374

UNDER SOFTWARE LOCK 05/16/87 12:48:27 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
HRAPT0112	.9	INHGA	HP COND 1A SHELL PR		
HRAPT0113	[illegible]	INHGA	IP COND 1B SHELL PR		
COAXI110A	2.7	INHGA	CONDENSER ABSOLUTE PRESSURE		
SGBTE0927	[illegible]	DEGF	SEC AH 1A GAS OUT T		HI-WRN
SGBTE0929	296.	DEGF	SEC AH 1B GAS OUT T		
SAAKK0007	.379	LB/MB	STACK NOX CONVERTED		
SAAKK0002	455.	PPM	SCRUB INLET SO2		
SAAKK0004	24.9	PPM	STACK SO2		
HRCTE0377	89.	DEGF	IP COND 1B INLET T		
HRCTE0378	88.	DEGF	IP COND 1B INLET T		
HRCTE0379	89.	DEGF	LP COND 1C EAST INLET T		
HRCTE0380	88.	DEGF	LP COND 1C WEST INLET T		
HRCTE0389	111.	DEGF	IP COND 1B OUTLET T WEST		
HRCTE0394	110.	DEGF	IP COND 1B OUTLET T EAST		
HRCTE0397	113.	DEGF	HP COND 1A WEST OUTLET T		
HRCTE0401	114.	DEGF	HP COND 1A EAST OUTLET T		
COAXI078A	88.3	PCT	TOTAL ATP FLOW		

FORWARD PAGING DESK2

IP14_006375

UNDER SOFTWARE LOCK 05/16/87 13:05:07 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	795.	MW	UNIT LOAD		
APEKY0005	[illegible]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	34.38	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5338.	KPPH	STEAM FLOW (FW + SSF)		
COAXI015A	1008.	DEGF	THROTTLE TEMP		
SGGTE0004	1008.	DEGF	MAIN STEAM LINE T		
COAXI012A	2414.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2413.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1009.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1009.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	465.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	469.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5292.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5197.	KPPH	BOILER FEEDWATER F		
COAXI001A	295.2	TPH	TOTAL FUEL FLOW		
COAXI080A	3.6	PCT	WEST FLUE GAS O2		
COAXI079A	3.2	PCT	EAST FLUE GAS O2		
COAXI083A	-.4	INWC	FURNACE PRESS		
SGAPT0171	-.5	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006376

UNDER SOFTWARE LOCK 05/16/87 13:05:31 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS-ALARM
HRAPT0112	1.0	INHGA	HP COND 1A SHELL PR	
HRAPT0113	.0	INHGA	IP-COND 1B SHELL PR	
COAXI110A	2.7	INHGA	CONDENSER ABSOLUTE PRESSURE	
SGBTE0927	[illegible]	DEGF	SEC AH 1A GAS OUT T	HI-WRN
SGBTE0929	297.	DEGF	SEC AH 1B GAS OUT T	
SAAKK0007	.391	LB/MB	STACK NOX CONVERTED	
SAAKK0002	455.	PPM	SCRUB INLET SO2	
SAAKK0004	24.9	PPM	STACK SO2	
HRCTE0377	89.	DEGF	IP COND 1B INLET T	
HRCTE0378	88.	DEGF	IP COND 1B INLET T	
HRCTE0379	89.	DEGF	LP COND 1C EAST INLET T	
HRCTE0380	88.	DEGF	LP COND 1C WEST INLET T	
HRCTE0389	111.	DEGF	IP COND 1B OUTLET T WEST	
HRCTE0394	110.	DEGF	IP COND 1B OUTLET T EAST	
HRCTE0397	113.	DEGF	HP COND 1A WEST OUTLET T	
HRCTE0401	114	DEGF	HP COND 1A EAST OUTLET T	
COAXI07A	88.6	PCT	TOTAL AIR FLOW	

FORWARD PAGING DESK2

IP14_006377

UNDER SOFTWARE LOCK [redacted] 05/16/87 13:19:50 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	787.	MW	UNIT LOAD		
APEKV0005	[redacted]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	34.29	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5366.	KPPH	STEAM FLOW (FW + SSF)		
COAXI015A	1001.	DEGF	THROTTLE TEMP		
SGGTE0004	1001.	DEGF	MAIN STEAM LINE T		
COAXI012A	2394.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2393.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1006.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1006.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	462.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	467.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5320.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5250.	KPPH	BOILER FEEDWATER F		
COAXI001A	295.4	TPH	TOTAL FUEL FLOW		
COAXI080A	3.6	PCT	WEST FLUE GAS O2		
COAXI079A	3.8	PCT	EAST FLUE GAS O2		
COAXI083A	-.4	INWC	FURNACE PRESS		
SGAPT0171	-.5	INWC	SG EAST FLUE GAS PR		

[redacted] FORWARD PAGING DESK1

IP14_006378

UNDER SOFTWARE LOCK 05/16/87 13:28:12 F1-28

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
HRAPT0112	1.0	INHGA	HP COND 1A SHELL PR		
HRAPT0113	.1	INHGA	IP COND 1B SHELL PR		
COAXI119A	2.6	INHGA	CONDENSER ABSOLUTE PRESSURE		
SGBTE0927	[illegible]	DEGF	SEC AH 1A GAS OUT T		HI-WRN
SGBTE0929	297.	DEGF	SEC AH 1B GAS OUT T		
SAAKK0007	.393	LB/MB	STACK NOX CONVERTED		
SAAKK0002	458.	PPM	SCRUB INLET SO2		
SAAKK0004	24.9	PPM	STACK SO2		
HRCTE0377	89.	DEGF	IP COND 1B INLET T		
HRCTE0378	88.	DEGF	IP COND 1B INLET T		
HRCTE0379	89.	DEGF	LP COND 1C EAST INLET T		
HRCTE0380	88.	DEGF	LP COND 1C WEST INLET T		
HRCTE0389	111.	DEGF	IP COND 1B OUTLET T WEST		
HRCTE0394	110.	DEGF	IP COND 1B OUTLET T EAST		
HRCTE0397	113.	DEGF	HP COND 1A WEST OUTLET T		
HRCTE0401	114.	DEGF	HP COND 1A EAST OUTLET T		
COAXI079A	00.0	PCT	TOTAL AIR FLOW		

FORWARD PAGING DESK2

IP14_006379

UNDER SOFTWARE LOCK 05/16/87 13:36:23 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXT027A	789.	MW	UNIT LOAD		
APEKV0005	[illegible]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	34.12	MW	TOTAL AUX POWER (ANALOG)		
COAXT023A	5296	KPPH	STEAM FLOW (FW + SSF)		
COAXT015A	1006.	DEGF	THROTTLE TEMP		
SGGTE0004	1006.	DEGF	MAIN STEAM LINE T		
COAXT012A	2401.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2401.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1006.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1006.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	462.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	463.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXT021A	5252.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5162.	KPPH	BOILER FEEDWATER F		
COAXT001A	295.8	TPH	TOTAL FUEL FLOW		
COAXT080A	3.9	PCT	WEST FLUE GAS O2		
COAXT079A	3.2	PCT	EAST FLUE GAS O2		
COAXT083A	-.3	INWC	FURNACE PRESS		
SGAPT0171	-.5	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006380

UNDER SOFTWARE LOCK 05/[redacted]3:36:45 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
HRAPT0112	1.0	INHGA	HP COND 1A SHELL PR		
HRAPT0113	.1	INHGA	IP COND 1B SHELL PR		
COAXI116A	2.6	INHGA	CONDENSER ABSOLUTE PRESSURE		
SGBTE0927	[redacted]	DEGF	SEC AH 1A GAS OUT T		HI-WRN
SGBTE0929	298.	DEGF	SEC AH 1B GAS OUT T		
SAAKK0007	.387	LB/MB	STACK NOX CONVERTED		
SAAKK0002	456.	PPM	SCRUB INLET SO2		
SAAKK0004	24.9	PPM	STACK SO2		
HRCTE0377	89.	DEGF	IP COND 1B INLET T		
HRCTE0378	89.	DEGF	IP COND 1B INLET T		
HRCTE0379	89.	DEGF	LP COND 1C EAST INLET T		
HRCTE0380	89.	DEGF	LP COND 1C WEST INLET T		
HRCTE0389	111.	DEGF	IP COND 1B OUTLET T WEST		
HRCTE0394	110.	DEGF	IP COND 1B OUTLET T EAST		
HRCTE0397	113.	DEGF	HP COND 1A WEST OUTLET T		
HRCTE0401	114.	DEGF	HP COND 1A EAST OUTLET T		
COAXI878A	88.2	PCT	TOTAL AIR FLOW		

FORWARD PAGING DESK2

IP14_006381

UNDER SOFTWARE LOCK 05/16/87 13:50:24 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	781.	MW	UNIT LOAD		
APEKV0005	[illegible]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	34.34	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5318.	KPPH	STEAM FLOW (FW + SSP)		
COAXI015A	1005.	DEGF	THROTTLE TEMP		
SGGTE0004	1006.	DEGF	MAIN STEAM LINE T		
COAXI012A	2378.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2377.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1006.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1006.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	460.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	461.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5273.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5205.	KPPH	BOILER FEEDWATER F		
COAXI001A	295.6	TPH	TOTAL FUEL FLOW		
COAXI080A	3.9	PCT	WEST FLUE GAS O2		
COAXI079A	3.9	PCT	EAST FLUE GAS O2		
COAXI083A	-.4	INWC	FURNACE PRESS		
SGAPT0171	-.3	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006382

UNDER SOFTWARE LOCK 05/16/87 13:50:46 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
HRAPT0112	1.0	INHGA	HP COND 1A SHELL PR		
HRAPT0113	.1	INHGA	IP COND 1B SHELL PR		
COAX1110A	2.6	INHGA	CONDENSER ABSOLUTE PRESSURE		
SGBTE0927	[illegible]	DEGF	SEC AH 1A GAS OUT T		HI-WRN
SGBTE0929	298.	DEGF	SEC AH 1B GAS OUT T		
SAAKK0087	.392	LB/MB	STACK NOX CONVERTED		
SAAKK0082	454.	PPM	SCRUB INLET SO2		
SAAKK0084	25.9	PPM	STACK SO2		
HRCTE0377	89.	DEGF	IP COND 1B INLET T		
HRCTE0378	89.	DEGF	IP COND 1B INLET T		
HRCTE0379	89.	DEGF	LP COND 1C EAST INLET T		
HRCTE0380	88.	DEGF	LP COND 1C WEST INLET T		
HRCTE0389	110.	DEGF	IP COND 1B OUTLET T WEST		
HRCTE0394	110.	DEGF	IP COND 1B OUTLET T EAST		
HRCTE0397	113.	DEGF	HP COND 1A WEST OUTLET T		
HRCTE0401	114.	DEGF	HP COND 1A EAST OUTLET T		
COAXI078A	80.3	PCT	TOTAL AIR FLOW		

FORWARD PAGING DESK2

IP14_006383

UNDER SOFTWARE LOCK 05/16/87 14:04:34 E1 20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	789.	MW	UNIT LOAD		
APEKV0005	[redacted]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	33.94	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5355.	KPPH	STEAM FLOW (FW + SSF)		
COAXI015A	1007.	DEGF	THROTTLE TEMP		
SGGTE0004	1007.	DEGF	MAIN STEAM LINE T		
COAXI012A	2397.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2399.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1010.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1009.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	462.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	466.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5310.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5230.	KPPH	BOILER FEEDWATER F		
COAXI001A	295.7	TPH	TOTAL FUEL FLOW		
COAXI080A	3.1	PCT	WEST FLUE GAS O2		
COAXI079A	3.8	PCT	EAST FLUE GAS O2		
COAXI083A	-.5	INWC	FURNACE PRESS		
SGAPT0171	-.6	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006384

UNDER SOFTWARE LOCK 05/16/87 14:04:57 FL-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
HRAPT0112	1.0	INHGA	HP COND 1A SHELL PR		
HRAPT0113	[illegible].1	INHGA	IP COND 1B SHELL PR		
COAXI110A	2.6	INHGA	CONDENSER ABSOLUTE PRESSURE		
SGBTE0927	[illegible]	DEGF	SEC AH 1A GAS OUT T		HI-WRN
SGBTE0929	299.	DEGF	SEC AH 1B GAS OUT T		
SAAKK0007	.389	LB/MB	STACK NOX CONVERTED		
SAAKK0002	452.	PPM	SCRUB INLET SO2		
SAAKK0004	30.9	PPM	STACK SO2		
HRCTE0377	88.	DEGF	IP COND 1B INLET T		
HRCTE0378	88.	DEGF	IP COND 1B INLET T		
HRCTE0379	88.	DEGF	LP COND 1C EAST INLET T		
HRCTE0380	88.	DEGF	LP COND 1C WEST INLET T		
HRCTE0389	110.	DEGF	IP COND 1B OUTLET T WEST		
HRCTE0394	109.	DEGF	IP COND 1B OUTLET T EAST		
HRCTE0397	113.	DEGF	HP COND 1A WEST OUTLET T		
HRCTE0401	114.	DEGF	HP COND 1A EAST OUTLET T		
COAXI078A	80.5	PCT	TOTAL AIR FLOW		

FORWARD PAGING DESK2

IP14_006385

UNDER SOFTWARE LOCK 05/16/87 14:18:10 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	787.	MW	UNIT LOAD		
APEKY0005	[illegible]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	34.89	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5374.	KPPH	STEAM FLOW (FW + SSF)		
COAXI015A	999.	DEGF	THROTTLE TEMP		
SGGTE0004	999.	DEGF	MAIN STEAM LINE T		
COAXI012A	2393.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2393.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1006.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1006.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	465.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	468.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5329.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5279.	KPPH	BOILER FEEDWATER F		
COAXI001A	296.0	TPH	TOTAL FUEL FLOW		
COAXI080A	2.9	PCT	WEST FLUE GAS O2		
COAXI079A	4.0	PCT	EAST FLUE GAS O2		
COAXI083A	-.5	INWC	FURNACE PRESS		
SGAPT0171	-.9	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006386

UNDER SOFTWARE LOCK 05/16/87 14:18:30 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
HRAPT0112	-1.0	INHGA	HP COND 1A SHELL PR		
HRAPT0113	.1	INHGA	IP COND 1B SHELL PR		
COAXI110A	2.6	INHGA	CONDENSER ABSOLUTE PRESSURE		
SGBTE0927	[illegible]	DEGF	SEC AH 1A GAS OUT T		HI-WRN
SGBTE0929	300.	DEGF	SEC AH 1B GAS OUT T		
SAAKK0007	.387	LB/MB	STACK NOX CONVERTED		
SAAKK0002	452.	PPM	SCRUB INLET SO2		
SAAKK0004	33.9	PPM	STACK SO2		
HRCTE0377	88.	DEGF	IP COND 1B INLET T		
HRCTE0378	88.	DEGF	IP COND 1B INLET T		
HRCTE0379	89.	DEGF	LP COND 1C EAST INLET T		
HRCTE0380	88.	DEGF	LP COND 1C WEST INLET T		
HRCTE0389	111.	DEGF	IP COND 1B OUTLET T WEST		
HRCTE0394	110.	DEGF	IP COND 1B OUTLET T EAST		
HRCTE0397	113.	DEGF	HP COND 1A WEST OUTLET T		
HRCTE0401	114.	DEGF	HP COND 1A EAST OUTLET T		
COAXI078A	88.6	PCT	TOTAL AIR FLOW		

FORWARD PAGING DESK2

IP14_006387

UNDER SOFTWARE LOCK 05/16/87 14:33:41 F1-28

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	787.	MW	UNIT LOAD		
APEKV0005	[illegible]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	34.27	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5481.	KPPH	STEAM FLOW (FW + SSF)		
COAXI015A	1002.	DEGF	THROTTLE TEMP		
SGGTE0004	1001.	DEGF	MAIN STEAM LINE T		
COAXI012A	2394.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2393.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1006.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1005.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	462.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	465.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5434.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5299.	KPPH	BOILER FEEDWATER F		
COAXI001A	296.7	TPH	TOTAL FUEL FLOW		
COAXI080A	3.3	PCT	WEST FLUE GAS O2		
COAXI079A	3.3	PCT	EAST FLUE GAS O2		
COAXI083A	-.6	INWC	FURNACE PRESS		
SGAPT0171	-.8	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006388

UNDER SOFTWARE LOCK 05/16/87 14:53:00 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	787.	MW	UNIT LOAD		
APEKV0005	[illegible]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005D	34.34	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5388.	KPPH	STEAM FLOW (FW + SSP)		
COAXI015A	996.	DEGF	THROTTLE TEMP		
SGGTE0004	997.	DEGF	MAIN STEAM LINE T		
COAXI012A	2396.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2396.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1006.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1005.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	465.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	468.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5343.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5282.	KPPH	BOILER FEEDWATER F		
COAXI001A	995.9	TPH	TOTAL FUEL FLOW		
COAXI080A	3.4	PCT	WEST FLUE GAS O2		
COAXI079A	4.5	PCT	EAST FLUE GAS O2		
COAXI083A	-.7	INWC	FURNACE PRESS		
SGAPT0171	-.8	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006389

UNDER SOFTWARE LOCK 05/16/87 14:54:00 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
HRAPT0112	1.1	INHGA	HP COND 1A SHELL PR		
HRAPT0113	.2	INHGA	IP COND 1B SHELL PR		
COAXI110A	2.6	INHGA	CONDENSER ABSOLUTE PRESSURE		
SGBTE0927	[illegible]	DEGF	SEC AH 1A GAS OUT T		HI-WRN
SGBTE0929	300.	DEGF	SEC AH 1B GAS OUT T		
SAAKK0007	.382	LB/MB	STACK NOX CONVERTED		
SAAKK0002	453.	PPM	SCRUB INLET SO2		
SAAKK0004	26.9	PPM	STACK SO2		
HRCTE0377	88.	DEGF	IP COND 1B INLET T		
HRCTE0378	88.	DEGF	IP COND 1B INLET T		
HRCTE0379	89.	DEGF	LP COND 1C EAST INLET T		
HRCTE0380	88.	DEGF	LP COND 1C WEST INLET T		
HRCTE0389	110.	DEGF	IP COND 1B OUTLET T WEST		
HRCTE0394	110.	DEGF	IP COND 1B OUTLET T EAST		
HRCTE0397	113.	DEGF	HP COND 1A WEST OUTLET T		
HRCTE0401	114.	DEGF	HP COND 1A EAST OUTLET T		
COAXI078A	80.6	PCT	TOTAL AIR FLOW		

FORWARD PAGING DESK2

IP14_006390

UNDER SOFTWARE LOCK [redacted]

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	783.	MW	UNIT LOAD		
APEKV0005	[redacted]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	34.52	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5371.	KPPH	STEAM FLOW (FW + SSF)		
COAXI015A	1005.	DEGF	THROTTLE TEMP		
SGGTE0004	1006.	DEGF	MAIN STEAM LINE T		
COAXI012A	2388.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2387.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1007.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1006.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	460.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	463.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5324.	KPPH	FDW FLOW TO ECONOMIZER		
FWAPT0025	5251.	KPPH	BOILER FEEDWATER F		
COAXI001A	297.4	TPH	TOTAL FUEL FLOW		
COAXI000A	3.8	PCT	WEST FLUE GAS O2		
COAXI079A	4.1	PCT	EAST FLUE GAS O2		
COAXI003A	-.7	INWC	FURNACE PRESS		
SGAPT0171	-.8	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006391

UNDER SOFTWARE LOCK 05/16/87 15:04:38 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
HRAPT0112	1.1	INHGA	HP COND 1A SHELL PR		
HRAPT0113	.2	INHGA	IP COND 1B SHELL PR		
COAXI110A	2.6	INHGA	CONDENSER ABSOLUTE PRESSURE		
SGBTE0927	[illegible]	DEGF	SEC AH 1A GAS OUT T		HI-WRN
SGBTE0929	300.	DEGF	SEC AH 1B GAS OUT T		
SAAKK0087	.386	LB/MB	STACK NOX CONVERTED		
SAAKK0082	458.	PPM	SCRUB INLET SO2		
SAAKK0084	22.9	PPM	STACK SO2		
HRCTE0377	88.	DEGF	IP COND 1B INLET T		
HRCTE0378	88.	DEGF	IP COND 1B INLET T		
HRCTE0379	89.	DEGF	LP COND 1C EAST INLET T		
HRCTE0380	88.	DEGF	LP COND 1C WEST INLET T		
HRCTE0389	110.	DEGF	IP COND 1B OUTLET T WEST		
HRCTE0394	109.	DEGF	IP COND 1B OUTLET T EAST		
HRCTE0397	[illegible]	DEGF	HP COND 1A WEST OUTLET T		
HRCTE0401	114.	DEGF	HP COND 1A EAST OUTLET T		
COAXI078A	81.0	PCT	TOTAL AIR FLOW		

FORWARD PAGING DESK2

IP14_006392

UNDER SOFTWARE LOCK 05/16/87 15:18:20 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	790.	MW	UNIT LOAD		
APEKV0005	[illegible]	MW	AUX PWR USED	BYPASS	NO-IN
APEKK0005B	.00	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5367.	KPPH	STEAM FLOW (FW + SSF)		
COAXI015A	1009.	DEGF	THROTTLE TEMP		
SGGTE0004	1008.	DEGF	MAIN STEAM LINE T		
COAXI012A	2404.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2403.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1013.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1012.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	462.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	465.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5322.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5256.	KPPH	BOILER FEEDWATER F		
COAXI001A	298.2	TPH	TOTAL FUEL FLOW		
COAXI080A	3.0	PCT	WEST FLUE GAS O2		
COAXI079A	4.3	PCT	EAST FLUE GAS O2		
COAXI083A	-.6	INWC	FURNACE PRESS		
SGAPT0171	-.6	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006393

UNDER SOFTWARE LOCK 05/16/87 15:18:42 F1-20

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
HRAPT01112	1.1	INHGA	HP COND 1A SHELL PR		
HRAPT01113	2	INHGA	IP COND 1B SHELL PR		
COAXI118A	2.6	INHGA	CONDENSER ABSOLUTE PRESSURE		
SGBTE0927	[illegible]	DEGF	SEC AH 1A GAS OUT T		HI-WRN
SGBTE0929	381.	DEGF	SEC AH 1B GAS OUT T		
SAAKK0007	.398	LB/MB	STACK NOX CONVERTED		
SAAKK0002	461.	PPM	SCRUB INLET SO2		
SAAKK0004	28.9	PPM	STACK SO2		
HRCTE0377	89.	DEGF	IP COND 1B INLET T		
HRCTE0378	88.	DEGF	IP COND 1B INLET T		
HRCTE0379	89.	DEGF	LP COND 1C EAST INLET T		
HRCTE0380	88.	DEGF	LP COND 1C WEST INLET T		
HRCTE0389	111.	DEGF	IP COND 1B OUTLET T WEST		
HRCTE0394	110.	DEGF	IP COND 1B OUTLET T EAST		
HRCTE0397	113.	DEGF	HP COND 1A WEST OUTLET T		
HRCTE04A1	114	DEGF	HP COND 1A EAST OUTLET T		
COAXI078A	81.4	PCT	TOTAL AIR FLOW		

FORWARD PAGING DESK2

IP14_006394

UNDER SOFTWARE LOCK 05/16/87 15:35:59 A-00

MEASUREMENT DISPLAY

UNIT 2 PERFORMANCE LOG

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
COAXI027A	792.	MW	UNIT LOAD		
APEKV0005	[redacted]	MW	AUX PWR USED	BYPASS	MD-IN
APEKK0005B	34.51	MW	TOTAL AUX POWER (ANALOG)		
COAXI023A	5388.	KPPH	STEAM FLOW (FW + SSF)		
COAXI015A	1002.	DEGF	THROTTLE TEMP		
SGGTE0004	1002.	DEGF	MAIN STEAM LINE T		
COAXI012A	2413.	PSIG	TURBINE THROTTLE PRESS		
SGGPT0001	2413.	PSIG	MAIN STEAM LINE PR		
SGJTE0013	1006.	DEGF	TURBINE N HOT REHEAT INLET T		
SGJTE0016	1006.	DEGF	TURBINE S HOT REHEAT INLET T		
SGJPT0006	465.	PSIG	TURBINE N HOT REHEAT INLET PR		
SGJPT0007	468.	PSIG	TURBINE S HOT REHEAT INLET PR		
COAXI021A	5343.	KPPH	FDW FLOW TO ECONOMIZER		
FWAFT0025	5275.	KPPH	BOILER FEEDWATER F		
COAXI001A	297.0	TPH	TOTAL FUEL FLOW		
COAXI008A	3.6	PCT	WEST FLUE GAS O2		
COAXI079A	3.9	PCT	EAST FLUE GAS O2		
COAXI003A	-.5	INWC	FURNACE PRESS		
SGAPT0171	-.8	INWC	SG EAST FLUE GAS PR		

FORWARD PAGING DESK1

IP14_006395

BLR AUX TEST-3 05/16/87 12:30:08

[redacted] [redacted]

02137578. 00345779.

GAL. TONS

TOTAL TOTAL
IGNTR COAL
OIL

[redacted] [redacted] [redacted] [redacted]

00006526. 00004998. 00007392. 00005007.

MW/HR MW/HR MW/HR MW/HR

1A1 1A2 1B1 1B2
AUX AUX AUX AUX
POWER POWER POWER POWER

L/L SCN L/L < > L/L L/L GTD[redacted]

BLR AUX TEST-3 05/16/87 12:45:03

02137610.	00345853.
GAL.	TONS
TOTAL ICNTR OIL	TOTAL COAL

00006527.	00004991.	00007394.	00005697.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCN L/L < > L/L L/L CTD

IP14_006397

BLR AUX TEST-3 05/16/87 13:00:17

TOTAL OIL	TOT COAL
02137643.	00345927.
GAL.	TONS
TOTAL IGNTR OIL	TOTAL COAL

1A1 AUX P	1A2 AUX P	1B1 AUX P	1B2 AUX P
00006529.	00004992.	00007395.	00005008.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCN L/L < > L/L L/L GTD

IP14_006398

BLR AUX TEST-3 05/16/87 13:15:08

TOTAL OIL	TOT COAL
02137674.	00346000.
GAL.	TONS
TOTAL IGNTR OIL	TOTAL COAL

1A1 AUX P	1A2 AUX P	1B1 AUX P	1B2 AUX P
00006530.	00004993.	00007397.	00005009.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCN L/L < > L/L L/L GTD

IP14_006399

BLR AUX TEST-3 05/16/87 13:30:08

TOTAL OIL	TOT COAL
02137703.	00346074.
GAL.	TONS
TOTAL IGNTR OIL	TOTAL COAL

1A1 AUX P	1A2 AUX P	1B1 AUX P	1B2 AUX P
00006531.	00004993.	00007399.	00005010.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCN L/L < > L/L L/L GTD

IP14_006400

BLR AUX TEST-3 05/16/87 13:46:04

00000000	00000000
02137733.	00346152.
GAL.	TONS
TOTAL IGNTR OIL	TOTAL COAL

1B1 AUX 3	1B2 AUX 3	1B1 AUX 3	1B2 AUX 3
00006533.	00004994.	00007400.	00005010.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCN L/L < > L/L L/L GTD

IP14_006401

BLR AUX TEST-3 05/16/87 14:07:54

02137771.	00346268.
GAL.	TONS
TOTAL IGNTR OIL	TOTAL COAL

00006535.	00004996.	00007492.	00005812.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCM L/L < > L/L L/L GTD

IP14_006402

BLR AUX TEST-3 05/16/87 14:16:23

TOTAL OIL	TOT COAL
02137785.	00346301.
GAL.	TONS
TOTAL IGNTR OIL	TOTAL COAL

1A1 AUX P	1A2 AUX P	1B1 AUX P	1B2 AUX P
00006535.	00004996.	00007403.	00005012.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCN L/L < > L/L L/L GTD

IP14_006403

BLR AUX TEST-3 05/16/87 14:30:08

TOTAL OIL	TOT COAL
02137806.	00346369.
GAL.	TONS
TOTAL IGNTR OIL	TOTAL COAL

1A1 AUX P	1A2 AUX P	1B1 AUX P	1B2 AUX P
00006537.	00004997.	00007405.	00005013.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCN L/L < > L/L L/L GTD

IP14_006404

BLR AUX TEST-3 05/16/87 14:53:20

02137838.	00346484.
GAL.	TONS
TOTAL IGNTR OIL	TOTAL COAL

00006539.	00004998.	00007407.	00005614.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCH L/L < > L/L L/L GTD

BLR AUX TEST-3 05/16/87 15:00:44

02137847.	00346520.		
GAL.	TONS		
TOTAL IGNTR OIL	TOTAL COAL		
00006539.	00004999.	00007408.	00005014.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCN L/L < > L/L L/L GTO

IP14_006406

BLR AUX TEST-3 05/16/87 15:15:08

02137864.	00346591.		
GAL.	TONS		
TOTAL IGNTR OIL	TOTAL COAL		
00006541.	00005000.	00007409.	00005015.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCN L/L < > L/L L/L GTD

IP14_006407

BLR AUX TEST-3 05/16/87 15:31:53

02137882.	00346674.		
GAL.	TONS		
TOTAL IGNTR OIL	TOTAL COAL		
00006542.	00005001.	00007411.	00005016.
MW/HR	MW/HR	MW/HR	MW/HR
1A1 AUX POWER	1A2 AUX POWER	1B1 AUX POWER	1B2 AUX POWER

L/L SCN L/L < > L/L L/L GTD

UNDER SOFTWARE LOCK 05/16/87 12:37:09 F1-20

MEASUREMENT DISPLAY

AUX POWER FEED 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
APEKK0001	6.6 MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8 MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.6 MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.6 MW	SWGR 1B2 MEGAWATT		
APEKV0005	[illegible] MW	AUX PWR USED	BYPASS	NO-IN
COAXI027A	787. MW	UNIT LOAD		
APEKV0007	751.3 MW	NET UNIT MEGAWATTS		
APEKK0001B	6.26 MW	SWGR 2A1 POWER (ANALOG)		
APEKK0002B	10.34 MW	SWGR 2A2 POWER (ANALOG)		
APEKK0003B	5.81 MW	SWGR 2B1 POWER (ANALOG)		
APEKK0004B	12.15 MW	SWGR 2B2 POWER (ANALOG)		
APEKK0005B	34.56 MW	TOTAL AUX POWER (ANALOG)		

FORWARD PAGING AUXFDR

IP14_006409

UNIT [redacted] 05/16/87 12:48:59 F1-28

MEASUREMENT DISPLAY

AUX POWER FEED 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
APEKK0001	6.6 MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8 MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.0 MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.6 MW	SWGR 1B2 MEGAWATT		
APEKV0005	[redacted] MW	AUX PWR USED	BYPASS	NO-IN
COAXI027A	789. MW	UNIT LOAD		
APEKV0007	754.1 MW	NET UNIT MEGAWATTS		
APEKK0001B	6.23 MW	SWGR 2A1 POWER (ANALOG)		
APEKK0002B	10.33 MW	SWGR 2A2 POWER (ANALOG)		
APEKK0003B	5.82 MW	SWGR 2B1 POWER (ANALOG)		
APEKK0004B	12.18 MW	SWGR 2B2 POWER (ANALOG)		
APEKK0005B	34.57 MW	TOTAL AUX POWER (ANALOG)		

FORWARD PAGING AUXFDR

IP14_006410

UNDER SOFTWARE LOCK 05/16/87 13:05:58 F1-20

MEASUREMENT DISPLAY

AUX POWER FEED 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
APEKK0001	6.6 MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8 MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.6 MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.6 MW	SWGR 1B2 MEGAWATT		
APEKV0005	[illegible] MW	AUX PWR USED	BYPASS	NO-IN
COAXI027A	794. MW	UNIT LOAD		
APEKV0007	759.5 MW	NET UNIT MEGAWATTS		
APEKK0001B	6.30 MW	SWGR 2A1 POWER (ANALOG)		
APEKK0002B	10.27 MW	SWGR 2A2 POWER (ANALOG)		
APEKK0003B	5.75 MW	SWGR 2B1 POWER (ANALOG)		
APEKK0004B	12.11 MW	SWGR 2B2 POWER (ANALOG)		
APEKK0005B	34.43 MW	TOTAL AUX POWER (ANALOG)		

FORWARD PAGING AUXFDR

IP14_006411

UNDER SOFTWARE LOCK 05/16/87 13:20:38 F1-20

MEASUREMENT DISPLAY

AUX POWER FEED 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
APEKK0001	6.6 MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8 MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.0 MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.6 MW	SWGR 1B2 MEGAWATT		
APEKV0005	[illegible] MW	AUX PWR USED	BYPASS	NO-IN
COAXI027A	786. MW	UNIT LOAD		
APEKV0007	752.8 MW	NET UNIT MEGAWATTS		
APEKK0001B	6.27 MW	SWGR 2A1 POWER (ANALOG)		
APEKK0002B	10.22 MW	SWGR 2A2 POWER (ANALOG)		
APEKK0003B	5.63 MW	SWGR 2B1 POWER (ANALOG)		
APEKK0004B	12.10 MW	SWGR 2B2 POWER (ANALOG)		
APEKK0005B	34.21 MW	TOTAL AUX POWER (ANALOG)		

FORWARD PAGING AUXFDR

IP14_006412

UNDER SOFTWARE LOCK 03/16/87 13:37:17 F1-28

MEASUREMENT DISPLAY

AUX POWER FEED 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
APEKK0001	6.6 MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8 MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.0 MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.6 MW	SWGR 1B2 MEGAWATT		
APEKV0005	[illegible] MW	AUX PWR USED	BYPASS	NO-IN
COAXI027A	798. MW	UNIT LOAD		
APEKV0007	755.4 MW	NET UNIT MEGAWATTS		
APEKK0001B	6.21 MW	SWGR 2A1 POWER (ANALOG)		
APEKK0002B	10.27 MW	SWGR 2A2 POWER (ANALOG)		
APEKK0003B	5.77 MW	SWGR 2B1 POWER (ANALOG)		
APEKK0004B	11.72 MW	SWGR 2B2 POWER (ANALOG)		
APEKK0005B	33.83 MW	TOTAL AUX POWER (ANALOG)		

FORWARD PAGING AUXFDR

IP14_006413

UNDER SOFTWARE LOCK 05/16/87 13:51:15 F1-28

MEASUREMENT DISPLAY

AUX POWER FEED 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
APEKK0001	7.2 MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8 MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.0 MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.6 MW	SWGR 1B2 MEGAWATT		
APEKV0005	[illegible] MW	AUX PWR USED	BYPASS	NO-IN
COAXI027A	783. MW	UNIT LOAD		
APEKV0007	747.0 MW	NET UNIT MEGAWATTS		
APEKK0001B	6.43 MW	SWGR 2A1 POWER (ANALOG)		
APEKK0002B	10.42 MW	SWGR 2A2 POWER (ANALOG)		
APEKK0003B	5.79 MW	SWGR 2B1 POWER (ANALOG)		
APEKK0004B	11.74 MW	SWGR 2B2 POWER (ANALOG)		
APEKK0005B	34.41 MW	TOTAL AUX POWER (ANALOG)		

FORWARD PAGING AUXFDR

IP14_006414

UNDER SOFTWARE LOCK 05/16/87 14:05:29 F1-20

MEASUREMENT DISPLAY

AUX POWER FEED 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
APEKK0001	7.2 MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8 MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.0 MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.6 MW	SWGR 1B2 MEGAWATT		
APEKV0005	[illegible] MW	AUX PWR USED	BYPASS	NO-IN
CDAXI027A	789. MW	UNIT LOAD		
APEKV0007	754.6 MW	NET UNIT MEGAWATTS		
APEKK0001B	6.36 MW	SWGR 2A1 POWER (ANALOG)		
APEKK0002B	10.38 MW	SWGR 2A2 POWER (ANALOG)		
APEKK0003B	5.69 MW	SWGR 2B1 POWER (ANALOG)		
APEKK0004B	11.88 MW	SWGR 2B2 POWER (ANALOG)		
APEKK0005B	34.30 MW	TOTAL AUX POWER (ANALOG)		

FORWARD PAGING AUXFDR

IP14_006415

UNDER SOFTWARE LOCK 05/16/97 14:18:39 P1-20

MEASUREMENT DISPLAY

AUX POWER FEED 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
APEKK0001	7.2 MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8 MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.0 MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.6 MW	SWGR 1B2 MEGAWATT		
APEKV0005	[illegible] MW	AUX PWR USED	BYPASS	NO-IN
COAXI027A	786. MW	UNIT LOAD		
APEKV0007	751.7 MW	NET UNIT MEGAWATTS		
APEKK0001B	6.73 MW	SWGR 2A1 POWER (ANALOG)		
APEKK0002B	10.29 MW	SWGR 2A2 POWER (ANALOG)		
APEKK0003B	5.23 MW	SWGR 2B1 POWER (ANALOG)		
APEKK0004B	11.86 MW	SWGR 2B2 POWER (ANALOG)		
APEKK0005B	34.48 MW	TOTAL AUX POWER (ANALOG)		

FORWARD PAGING AUXFDR

IP14_006416

UNDER SOFTWARE LOCK 05/16/87 14:44:03 F1-20

MEASUREMENT DISPLAY

AUX POWER FROM 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
APEKK0001	7.8 MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8 MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.0 MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.0 MW	SWGR 1B2 MEGAWATT		
APEKV0005	[illegible] MW	AUX PWR USED	BYPASS	NO-IN
COAXI027A	790. MW	UNIT LOAD		
APEKV0007	754.6 MW	NET UNIT MEGAWATTS		

APEKK0001B	6.87 MW	SWGR 2A1 POWER (ANALOG)
APEKK0002B	10.36 MW	SWGR 2A2 POWER (ANALOG)
APEKK0003B	5.74 MW	SWGR 2B1 POWER (ANALOG)
APEKK0004B	11.82 MW	SWGR 2B2 POWER (ANALOG)
APEKK0005B	34.71 MW	TOTAL AUX POWER (ANALOG)

FORWARD PAGING AUXFDR

IP14_006417

UNDER SOFTWARE LOCK 05/16/07 15:05:05 F1-20

MEASUREMENT DISPLAY

AUX POWER FEED 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
APEKK0001	7.2	MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8	MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.6	MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.6	MW	SWGR 1B2 MEGAWATT		
APEKV0005		MW	AUX PWR USED	BYPASS	NO-IN
COAXI027A	784.	MW	UNIT LOAD		
APEKV0007	749.5	MW	NET UNIT MEGAWATTS		
APEKK0001D	6.86	MW	SWGR 2A1 POWER (ANALOG)		
APEKK0002D	10.36	MW	SWGR 2A2 POWER (ANALOG)		
APEKK0003D	5.73	MW	SWGR 2B1 POWER (ANALOG)		
APEKK0004D	11.79	MW	SWGR 2B2 POWER (ANALOG)		
APEKK0005D	34.61	MW	TOTAL AUX POWER (ANALOG)		

FORWARD PAGING AUXFDR

IP14_006419

UNDER SOFTWARE LOCK 05/16/07 15:36:51 F1-20

MEASUREMENT DISPLAY

AUX POWER FEED 1A1, 1A2, 1B1, 1B2

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
APEKK0001	7.2 MW	SWGR 1A1 MEGAWATT		
APEKK0002	10.8 MW	SWGR 1A2 MEGAWATT		
APEKK0003	6.6 MW	SWGR 1B1 MEGAWATT		
APEKK0004	12.6 MW	SWGR 1B2 MEGAWATT		
APEKV0005	[redacted] MW	AUX PWR USED	BYPASS	NO-IN
COAX10027A	790. MW	UNIT LOAD		
APEKV0007	756.3 MW	NET UNIT MEGAWATTS		
APEKK0001B	6.65 MW	SWGR 2A1 POWER (ANALOG)		
APEKK0002B	10.27 MW	SWGR 2A2 POWER (ANALOG)		
APEKK0003B	5.78 MW	SWGR 2B1 POWER (ANALOG)		
APEKK0004B	11.74 MW	SWGR 2B2 POWER (ANALOG)		
APEKK0005B	34.36 MW	TOTAL AUX POWER (ANALOG)		

FORWARD PAGING AUXFDR

IP14_006421

TURBINE PERF TEST

Nissen 5/16/87

- Punch List for Test Package -

TEST # 10

Date Sat 5/16/87

Time Period 12:30-1530

Test Conditions:

Load MWg 788

VP 3rd

Throttle Press 2382

Throttle Temp 1002

HRH 1007

BP 2.96

- x Preliminary Results (GE)
- x Electrical Load
- x Pictures - copy
- x HW Level
- x DA Level
- x Stm Packing Exh flow
- x Turbine Meter - copy
- x Baro

- x Indicon Readings
- x Lab Sample Flow Rates
- ___ Coal Sample Pts
- ___ Videocopies DesK1 / DesK2
- ___ Test-3 Totalizers
- ___ Aux Fdr

___ Field / Test Notes

___ Test Notes - (am test)

___ Cycle Isolation - Temp Walkdown

___ Htr2 Altr Drn Metal Temps

___ DRN1 / DRN2 / DRN3

___ Cycle Isolation Check List

IP14_006422

LOGS

Times

TEST # _____

Date _____
(test duration)
Time _____

GE Raw Data

_____ Temps

_____ Press / Flows / Misc

_____ FOXIA Class II Calcs

_____ FOXIA Trend #2 Standard Log

_____ Perf #9 " "

_____ Perf #10 " "

_____ FOXIA Perf #9 Average Log

_____ " #10 " "

_____ TGSI Status Printout
Std / DLS

_____ TAC hourly printouts

TURB PERF TEST Unit #2

Nissen
Sat 5/16/87

TEST #10 Makeup test for
3rd Valve Point - 790 MWg

Restart @ 1325 - 1530

1330-1530

Start 12:30 -
@13:17 GE computer crash
10 mm gap
Unit not cooperating

Controls Problems:
- See Air Duct Press loss of 1 transmitter Huge swing
- Boiler wouldn't go into auto
  controlling in manual (turbine-manual)
- 2 Feeder trips off 2B
- Went to 6 pulv configuration
- SH sprays in sec. & prim.

Bid extension #1 16:00

Lost 2 guys on dedicated operator crew

TURB / Boiler Both in manual
MWg / Press / temps / flow swinging

LOGS: Class II calcs 13:30-1500
Logs #2/#9+10 1230-1530
Ave 1330-1530

IP14_006424

Pulverizers – 6 1/s
2D / 2B

Superheat sprays –
see / prim in Hold steady

FW Htr LP 2 – normal drains
Flash Tank – w/ level Ifs

FW Htrs 6A) 11" 6B) 12½" 7A) 13" 7B) 13½" 8A) 10" 8B) 12"
Bad Indication

LP Htr 2 Extr Side Drain Valve
TEC-ACY-54 came open momentarily

	@1247 pm	@1358	@1504
TAC			
MHg	793	791	788
aux	34.5	34.3	
~~Throttle~~ Chest	2396	2389	2384
3VP			
Chest	2378	2369	2363
Vst	1684	1677	1675
RH	498	496	495
throttle	1009°	1005	1005
RCS/prim	50/32 steady slowly up	50/37 straight line	50/38
HRH	1014/1012	1012/1010	1011/1010
Sprays	0		
TGSI MHg	1.78/1.67/1.55	1.77/1.67/1.57	1.78/1.69/1.58
CCW	89 / HCW 115/113/109/NN		88 42
TGSI CV	80-813		
	100/99/58/4		
Gen	61.2		
PF	1.0		
MVAR	45 TGSI -2		
Throttle	5474		
FW	5304		
HW @1321	43		
DA	103		

SSH 1985 1983

BIAS RH 90 / PSH 42

Drum 2½ / 0 / -2

Pulverizer 6

1B %SWB 62% 1D %S 70%

EA W 4.4% / E 3.5% W 3.2 / E 3.9

Feeder Speeds 71-74

PADuct 37"

SADuct 1.8"

Polishers 3

Scrubbers 4 Big hump w/ SO_2

during test drifted up

Effect on ~~S~~ FGR flow?

TURB PERF TEST - Unit #2

5/16 Sat
(1st test)

Test #9

2nd VP - ~~595~~ 600 Mwg /2400/1000/100

Start: ~~3:30~~ - ~~4:00~~ ① - 415 - 615 ②

① Restart / GE not data collecting / tape drive problem - new tape
Reset Electrical Load

② GE - computer crash

Boiler - ~~Weird~~ setup to get temps SH/RH

(- Makeup test for 3rd VP to follow)

Backpressure: TGSI measurements acting weird
started ↓ ↑ ↑ ↓
GE showed no change - thru test period

Logs

TREND #2 330 - 615
#9/#10 330 - 615

Class II 3:30 - 5:30

Ave Log 330 - 530

IP14_006428

NOTES:

1) Backpressure: major air in-leakage problem resolved / BPs back down to reasonable values

2) LP Htr #2 - normal drains problem (100%)
- alternate drains (50%) controlling level
FT - alter closed / No level
Send all drains thru alternate drain valve to condenser
(same as 1st test of VP#2)
Read local - metal temps in alter line for reference temp.
Heat cycle must be corrected back to normal operation (test case bypassing flash tank / stm to Htr 1A / Drain Cooler)

3) Aux Stm:
Crossties between Unit #1 + #2 valve frozen open / all other lines isolated

Aux Boilers - fired up for aux stm supply to Unit #1
(Unit #1 coming back up from outage)

4) Reheat Temps. difficult to make
Bias Dampers RH 100% PSH 15%
(@ Low loads)
Pulv: upper biased down bottom pulv ols - min airflow
pulv upper ols max'd air flow
should have specified pulv configuration

5) Steam Pipe Drain Valve {Recirc on steam leads}
2TGC AVC-51 open
Paul Albert - OK as long as MBV-49 stays close
(Main Steam Lead Drain Valve to Cond)
AVC-51 allows recirculation of other steam leads
to keep condensate from building up when on
Partial Arc Admission

6) Setting Control Valve
load set to close actual running open
(not assured close - Walt Kellyhouse OK)
When setting Valve point run Load Set
way up + then back load limit done to
set valve point

7) INDIKON settings have been left set on A
thru testing local checks made switched both
to B channel + back

	@ 4:00	@ 5:00	@ 6:00	
MWg	600	600	599	
	2394	2405	2400	
	2378	2390	2384	
	1203	1208	1205	
	365	366	365	
Loadset	<612>			
	1009	1008	1009	
	0/0			
	1005/1006	1005/1005	1002/1003	
	0			
CV	70/66/4/0			
	TGSI 61%			
	Partial Arc			
Gen	H_2 62.0			
	PF lead 0.99			
	VAR 24 (TGSI -75)			
	Aux 30.47			
8th Stg WSP TE/GE	887/872		887/872	
Throttle Flow	3897		3910	
FW Flow	3805		3969	
BP	1.31/1.23/1.18	2.19/2.28/1.62	2.19/2.28/1.64	Dropped back down
CCW	81½	81		
HCW	103/102/97/99	103/102/97/98		
HW	41"	40¾	40	
DA	103"	102	~~104~~ 102	

DC - Block Valves - Out

SSH 1807° 1811

Bias Dampers RH 100 / PSH 15

Excess Air E 4.9 / W 4.2

Pulverizers 5 I/s 2D O/s WB - 100%

Bias 2E down 14%

Level +3/4 / -1 1/2 / -3

PA Flow Bias

(PA Fans were max'd out)

Gland stm 2.8 psi

FW Htrs LP Htr 2 - all thru alternate drain

FT No Level

For entire test duration { HP Htr 8B - shows No Level (Rise / TTD -3 / DCA 3 - OK)

3 Vacumn Pumps

BBFP 2B O/s

Scrubbers - 3 I/s

Makeup flow indication

FOX/A wrong shows indication when isolated

3 Polishers

2 CP's

IP14_006432

Test #10 1/
5/16/87
3VP (makeup test)

IPP # 1

ISOLATION - CHECK LIST

BOILER Roof

6 MS Relief VALVES
1 Vent from Main Steam
4 HRH Relief valves
8 CRH Relief valves
6 Aux Stm Relief valves
1 HTR Relief valve header
1 DA Vent
5 Boiler Vent to Roof
2 Drum Vents to the Roof
8 Drum Relief valves

Blowdown Tank Vent (north side)

IP14_006433

IPP # 1

ISOLATION - CHECK LIST

18th Floor - Top of Boiler

			Vent from each Reheat line
@ 14:15	@ 12:45		Steam leakage near relief valves
173	181	T	Boiler Drum to Aux Steam (South) (Valve 1 & MBV2)
112	140	T	Trap open
173	196	T	Superheat Steam to Aux Stm - (18th & 17th floor) (west)
112	114	T	Superheat Steam to Air Heater Soot Blowers (139, MBV 140)
149	155	T	Superheat Steam to Boiler Soot Blowers (141, MBV 142)
295	293	T	MS to Reheater Bypass (ACV 134, MUV 133)
188	183	T	Superheat Steam to Boiler Soot Blowers (143, MBV144) - east
102/102	106/105	T	Combustion gas Reheat Soot Blowers (17, MBV-24) - east

Continuous Blowdown (MBV-4) - east
Chemical feed to drum
Drain from site glass to Blowdown header

Drain from drum pressure tap - west
2- Drains from site glass to Blowdown header

IPP #1
ISOLATION - Check LIST

13th - 17th Floors

17th Superheat Steam to Scrubber Soot blowing
(44, ACV 45, 46, 47, ACV 48, 49)

16th Feedwater to Scrubber soot blower desuperheater
(142, 137, 139 TT 246)

15th Pegging Steam to the DA
Aux Stm HDR Press
Boiler drains (west side) 37, 39, 41, 43, 45, 47, 49, 51
Boiler drains (east side) 53

14th DA startup Vents to ATM
# of ORIFICED Vents Open
AIR Preheat Return to DA VALVE 140
HP HTR Vent to DA
TRAP FROM AUX STM HDR

13th 3 - RECIRC'S FROM BOOSTER PUMPS
3 - RECIRC'S FROM BFP'S - also check relief valve (3) to floor
Aux Stm to DA Storage TK BV6, BV133
DA Level
MID - Roof : Relief valves from CRH to Aux Stm, Aux Steam to Steam Seals, Aux Stm to Plant Heating, Steam Seals

IPP #1

ISOLATION - Check LIST

8th - 12th floors

532

542 T 12th MS to Reheat Steam Bypass (MBV 135, 125)

188/ 271

T downstream 189 / T upstream 268 11th 4" Drain from DA to Bsmt sump (valve #23)
CRH pressure taps

10th Sample from Final Feedwater
Phosphate feed to Feedwater
Feedwater drain to economizer inlet drain header
Boiler drains (west side) 28, 30, 33, 35
Boiler drains (east side) 55, 57

9th CRH to Aux Steam HDR - DV&TT
Relief valve from final feedwater - before flow section
Aux Steam for plant heating - Status

8th TC station @ FFW
Trap from CRH to Aux Stm
FFW Ruska

e 12:50 / 1310 / 14:00

326 / 320 / 322 T
316 / 325 T 325 9th South-East CRH SPLY To Aux Hdr (west) (BV 11/12)
335 / 327 T 331 CRH SPLY To Aux Hdr (center) (BV 13/14)
CRH SPLY To Aux Hdr (east) (BV 15)

IPP # 1

ISOLATION - CHECK LIST

4th - 7th Floors

7th
RHT SPRAY VALVE STATION - ISOLATE
TB BLDG Roof Vents

6th
2 Relief valves from final feedwater to sump near HTR 8
HTR 8A & 8B Vents and Drains to sump
HTR 8A & 8B Vents to DA

5th
Chem. CLEANING CONNECTION TO AUX. STM.
CONDENSATE FOR Aux. Stm. Desuperheating
CONDENSATE TO AND FROM BOILER Lighters
HTR 7A & 7B Vents and drains to sump
HTR 7A & 7B Vents to DA
HTR 4 Vents and drains to Sump/Relief valves
HTR 4 Vents to Condenser - startup vent top of HTR
HTR 3 Condensate Bypass MBV 17
HTR 4 Condensate Bypass MBV 18
Steam to Air HTR Soot Blowers
Aux steam to oil heater

4th
Boiler drains (west side) MBV-29, 31, 34, MBV-36, 38 40, MBV-42, MBV-44, MBV-46, 48, MBV-50, MBV-52

BOILER drains (east side) 54, MBV-56, MBV-58
Continuous Blowdown 5
Soot Blowing (Boiler) drain to condenser - MBV-2 - Traps from Aux Stm HDR (east side)

IPP # 1

ISOLATION Check LIST

TB DECK

MS to BFPT(A) MBV-9
Drain to sump / Vents
Seal Injection pressure ____
Seal Return temp. ____

MS to BFPT(B) MBV-10
Drain to sump / Vents
Seal Injection pressure ____
Seal Return Temp. ____

Feedwater Bypass around HTR's 6, 7, & 8
HTR 6A & 6B Vents and drains to sump
HTR 6A & 6B Vent to the DA
HTR 3 Vents to sump / Relief valve to sump
HTR 3 Vents to condenser - start up vent top of HTR

IP warming valve
Ventelator valve

Hood Sprays
Hood Spray press Reading

Computer Trailer

Control Room

IPP #1

Isolation Check List

Boiler - 3 floor to Bsmt

2ND FLOOR - SOUTH

Boiler Drains [62,61], [65, MBV66], [63,64], [67,68]

2ND FLOOR - WEST

Traps(2) from Aux Steam to Blowdown Tank

2ND FLOOR - EAST

BOILER DRAINS 170,69

2ND FLOOR - (NORTH - EAST)

Air HTR Soot Blowing drain to Condenser MBV-35

BSmt

DA Drain to Air Preheat

Valve 24 - 1 floor above FGR pumps

valves 113, 114, 119, 122, 123 - BSmt

APH Return to DA and Condenser.

ACV 134, 130, 131

Combustion gas Reheat to Condensate after HTR 2

150, 435 tell tall 436

~~FGR~~ FGR pump Recirc 110, 113, 114, 117

Pump leakage

2ND FLOOR West

Boiler drains.

IPP # I

Isolation Check List

Scrubber Bldg.

- Soot Blower Condensate drain return to the Miscellaneous Drains receiver tank - Behind FGR Control Room valve # 127 & 125

IPP # 1

ISOLATION Check LIST

MEZZ

4- Overflow lines from Vac. Pump Separator tank to Misc drain tank
2- Relief valves from Feedwater to HTR 6A & 6B

HTR 2 Vents and drains to sump, Relief valve to sump
HTR 2 Vents to Condenser - startup vent top of HTR shell
HTR 2 Condensate Bypass MBV-16
Boot Strap from Condensate to Feedwater DV & TT
Relief valve from BFP(B") to sump.
Extr Line Drain from LP steam to BFPT "B"
Warm-up drain from Feedwater to Condenser
Relief valve from BFP(A) to sump
Aux Steam to BFPT DV & TT
CRH to Steam Seals
Aux Steam to Steam Seals
TDV to Condenser

MS to Steam Seal 10, MBV-2, MBV-3
Steam Seal header Relief valves
HPLO steam to Steam Seal header.
2500 # Ruska

MS drains to Blowdown tank MBV-11/12/13/14
MS drains to Condenser MBV 55/56/25/26
4 Control valve ~~before~~ before seat drains
4 Stop valve before seat drains
Main Steam Bypass to Condenser DV & TT
Condensate for desuperheating ACV 59, ACV89, ACV86
Drains from Rotor cooling line to CRH line
CIV drain to Condenser
CIV drain to sump - mezz near condensate for HRH drains drainer
mezz near BFPT A exhaust to Condenser

IPP # 1

ISOLATION - Check List

Mezz - Cont.

Normal make-up to Condenser (DV & TT) 31, 30 telltale 148
Condensate for desuperheating the steam to the SPE

* Condenser DWG - TB END
* CONDENSER DWG - South side
  HTR # 1A, 1B, 1C Vent & drain to sump
  Start up Vent to the Condenser

HTR #1 & DC Condensate Bypass

* CONDENSER DWG - GEN END
  DA Drain to the Condenser 85, 86, 26, 27
  HTR # 4 Hi Level dump to the Condenser
  Boiler Bypass to Condenser 136, 138, 169, 170
  Condensate to and from lighters for boiler

* Condenser DWG - North side
  3-Vacuum Breakers - Find out how to check for make-up leaking into the Condenser.
  BFPT "B" Drains to the Condenser
  BFPT "A" Drains to the Condenser.

11/

IPP #1

ISOLATION Check List

BSMT

TB meter Bypass 1½" TB meter
TB meter Bypass 2" TB meter
Booster pumps drain to sump
Drain to sump from the seal return tank under the BSMT floor - also any tank leaks

Make-up from Feedwater to Aux Boiler
- also valve unit #2
valve @ Aux boiler

Standby pump drain to sump
Relief on Suction to standby pump
HP HTR drain pump drains to sump

Make-up to Condensate Polishers
Drains to Sump from Polishers
Condensate pump leak to sump
Make-up to Condensate pump seals DV & TT
Cycle make-up to drain cooler line to the Condenser
Valve 129 (above drain Cooler) Valve 66 (above walkway)
Drain Cooler vents and drains
Condensate Recirc ACV 25
Condensate to Storage Tank 19, 20, 23, 24
Air Preheat Return to the Condenser 137, 139, 141
* CONDENSER DWG - GEN END
HTR #3 Hi Level drain to Condenser
HTR #2 Hi Level drain to the Condenser
HTR #1 & #2 Hi Level drain to the Condenser
Generation Bldg Heating Return to Condenser
H_2 Pressure _____
H_2 Purity _____

SUMPS

IPP #1

ISOLATION - Check List

Bsmt - Cont.

* CONDENSER DWG - South side
  - Hotwell Level
  - Emergency Make-up (OV & TT) 33, 34 TT 175

Misc Drain tank to Sump
Trap from Aux Steam HDR
HRH drain to Condenser
CRH drain to Condenser
TDV drain to Condenser
MS line Bypass to Condenser

* Condenser DWG - TB END
  - HTR 6A & 6B Hi level dumps to Condenser
  - HTR 7A & 7B Hi level dumps to Condenser
  - HTR 8A & 8B Hi level dumps to Condenser
  - SV & CV above seat drains
  - Equalizer Valve
  - Stm lead drains
  - CIV drains

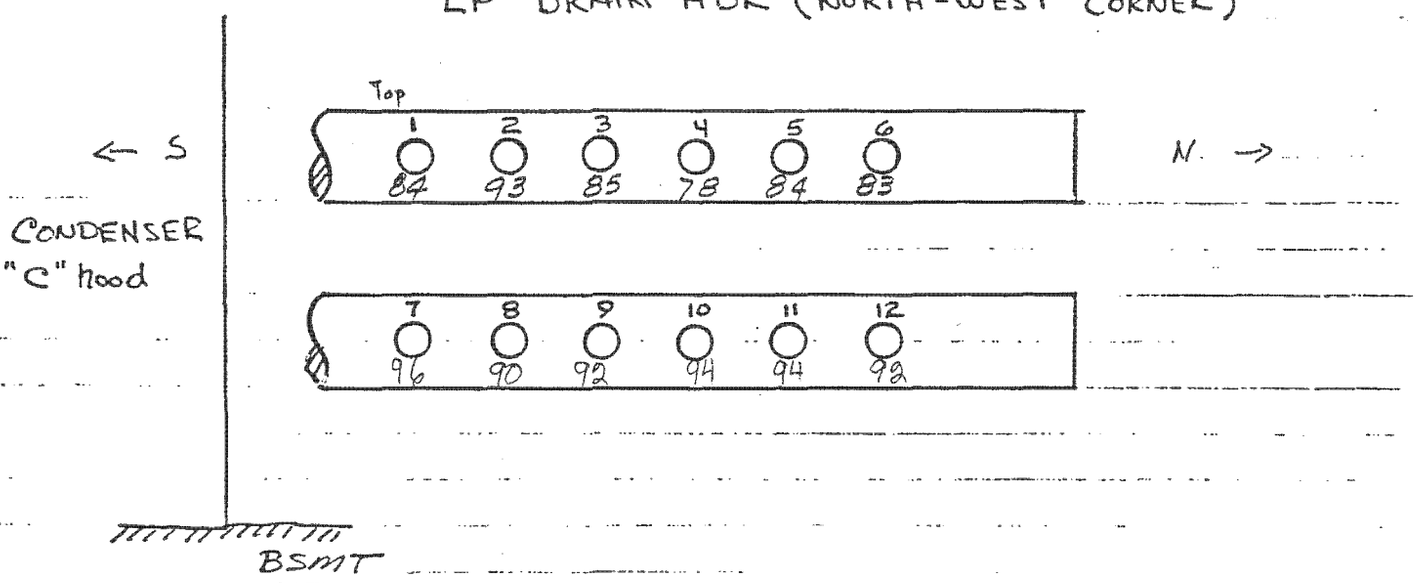
* HP Drain Header
  SPE DRAIN FLOW
* Condenser DWG - North side
* { LP drain Header to A hood
  { 2 LP drain Headers to Condenser under C hood

Samples

Chem. Feed

Sumps

LP DRAIN HDR (NORTH-WEST CORNER)



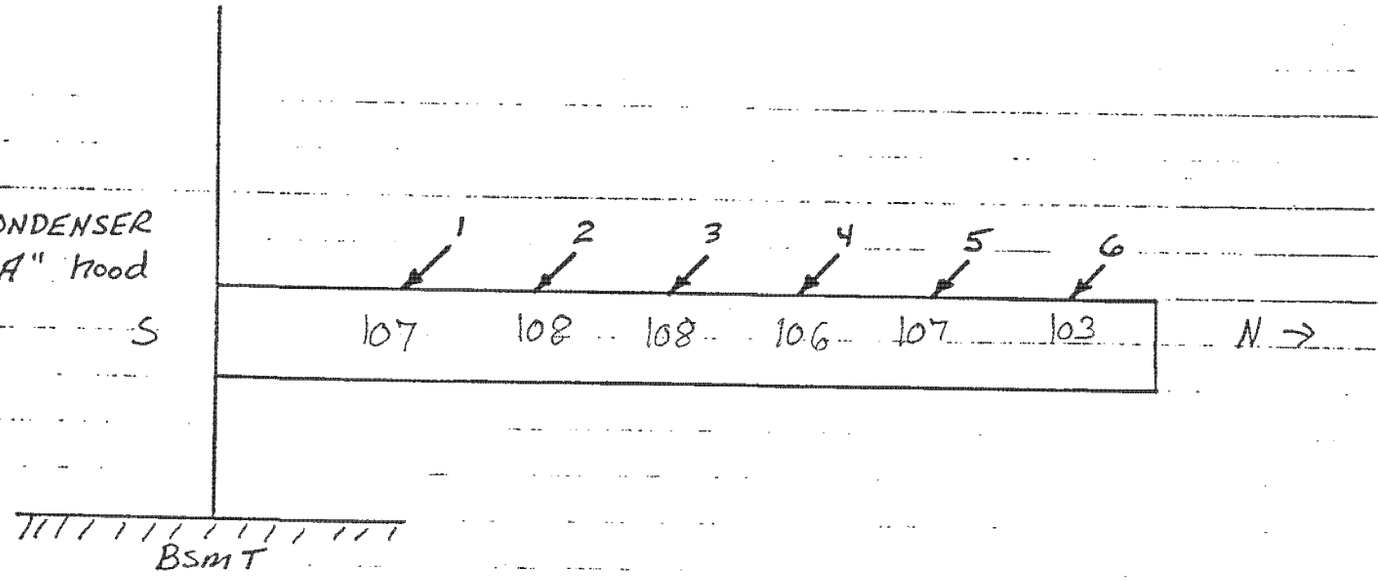
ELEVATION VIEW
(LOOKING WEST)

1)	EXTR	TO	HTR 2	FROM	hood "C"	-	Drain	after	non-return	valve
2)	"	"	"	"	"	"	" - "	before	"	"	"
3)	"	"	HTR 3	"	"	"	" - "	after	"	"	"
4)	"	"	"	"	"	"	" - "	before	"	"	"
5)	"	"	HTR 4	"	"	"	" - "	after	"	"	"
6)	"	"	"	"	"	"	" - "	before	"	"	"
7)	"	"	HTR 2	"	hood "B"	-	"	after	"	"	"
8)	"	"	"	"	"	"	" - "	before	"	"	"
9)	"	"	HTR 3	"	"	"	" - "	after	"	"	"
10)	"	"	"	"	"	"	" - "	before	"	"	"
11)	"	"	HTR 4	"	"	"	" - "	after	"	"	"
12)	"	"	"	"	"	"	" - "	before	"	"	"

* ALSO CHECK TRAPS AND DRAIN TO SUMP

IP14_006445

LP DRAIN HDR (NORTH-EAST CORNER)

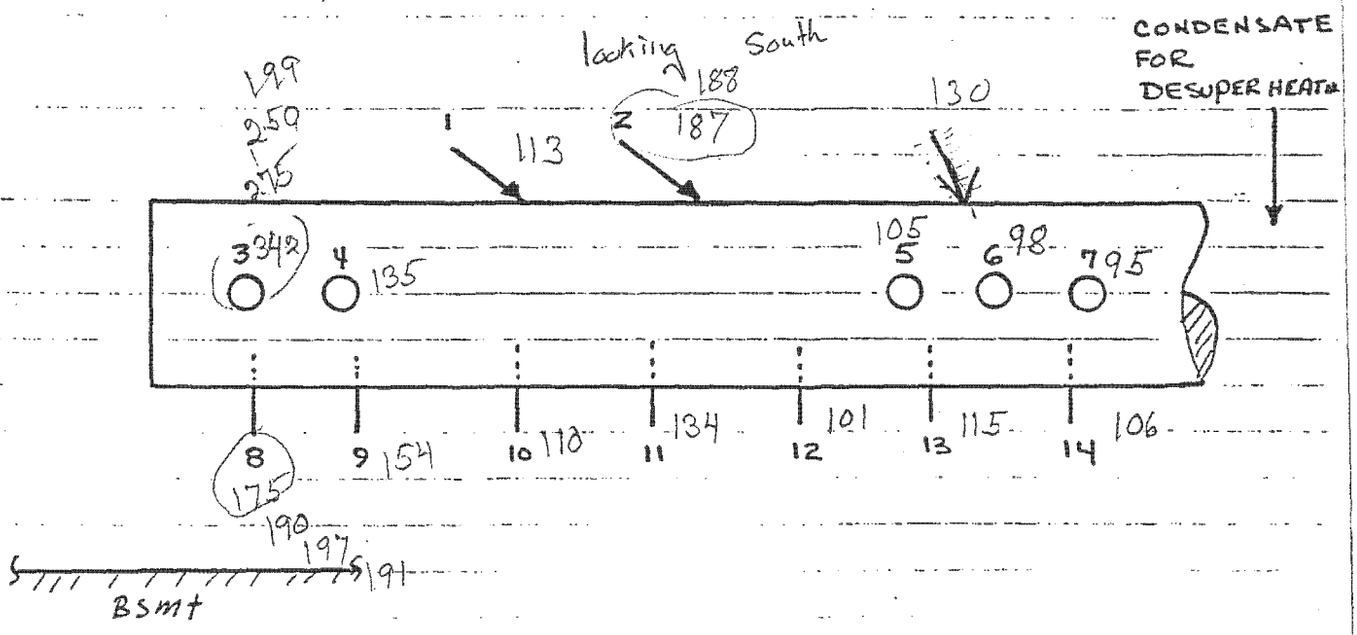


ELEVATION VIEW
(LOOKING WEST)

1) EXTR TO HTR #2 FROM "A" hood - Drain after non-return valve
2) " " " " " " " " before " " "
3) " " HTR #3 " " " " after " " "
4) " " " " " " " " before " " "
5) " " HTR #4 " " " " after " " "
6) " " " " " " " " before " " "

* ALSO CHECK TRAPS AND DRAINS TO SUMP

HP DRAIN HDR
(EAST SIDE - BSMT LEVEL)



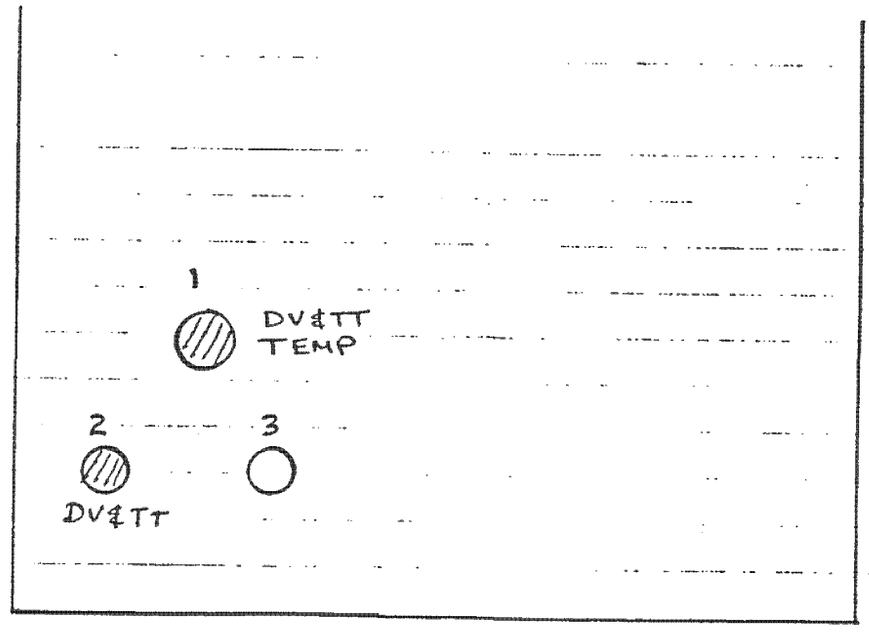
ELEVATION VIEW
(LOOKING SOUTH)

1) Drain from APH soot blowers
2) Drain from boiler soot blowers
3) Drain from 4th stg Extr to HTR 8A & 8B (before seat)
4) " " " " " " HTR 8A (after seat)
5) " " 14 stg " " BFPT 1B (after MBV-9)
6) " " " " " " DA (after seat)
7) " " " " " " " " "
8) " " 4th stg " " HTR 8B " "
9) " " 11th stg " " HTR 6A & 6B (before seat)
10) " " " " " " HTR 6A (after seat)
11) " " " " " " HTR 6B " "
12) " " 14 stg " " BFPT 1A (after BV-9)
13) " " " " " " BFPT 1A & 1B
14) " " " " " " DA (before seat)

* ALSO CHECK TRAPS AND DRAINS TO SUMP

IP14_006447

CONDENSER CONNECTIONS MEZZ - TB END



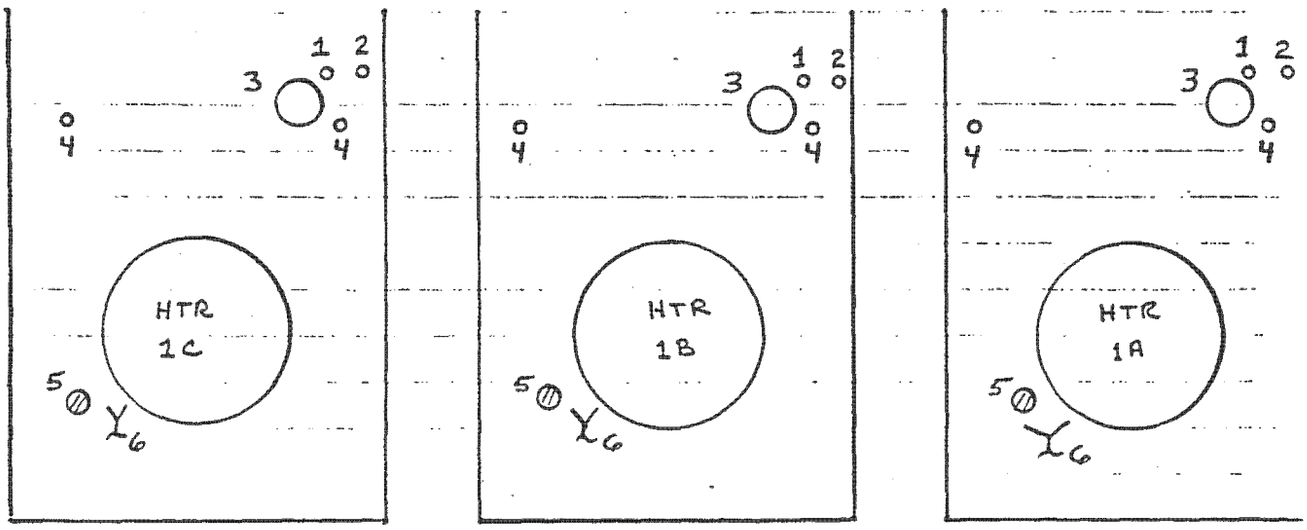
CONDENSER (MEZZ LEVEL)
(TB-END)

1) MS Bypass to Condenser and MS drains to Bypass line - check temp before desuperheater

2) Normal Hotwell make-up

3) Drain from Misc drain tank

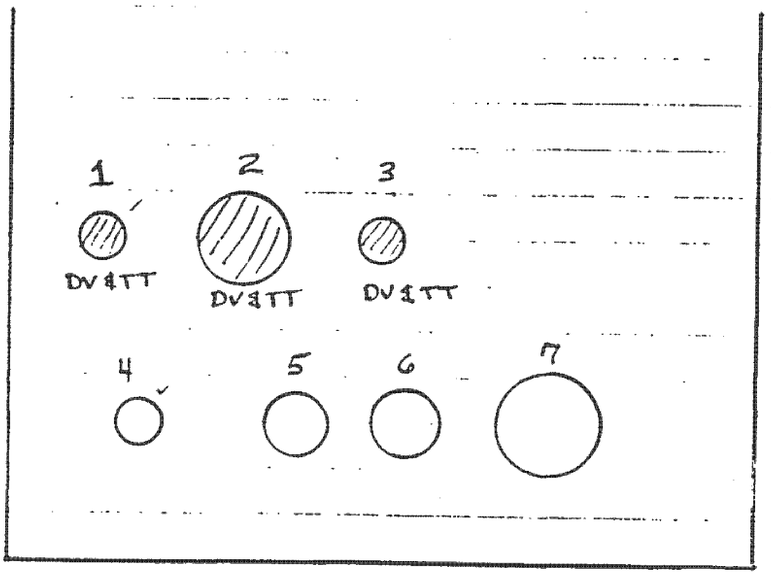
CONDENSER CONNECTIONS MEZZ - SOUTH



CONDENSER (MEZZ LEVEL)
(SOUTH SIDE)

1) TE
2) Pressure Tap
3) LP Steam Seals to SPE
4) Waste water & oil from turbine
5) HTR # 1 Vent to Condenser
6) HTR # 1 drains to sump.

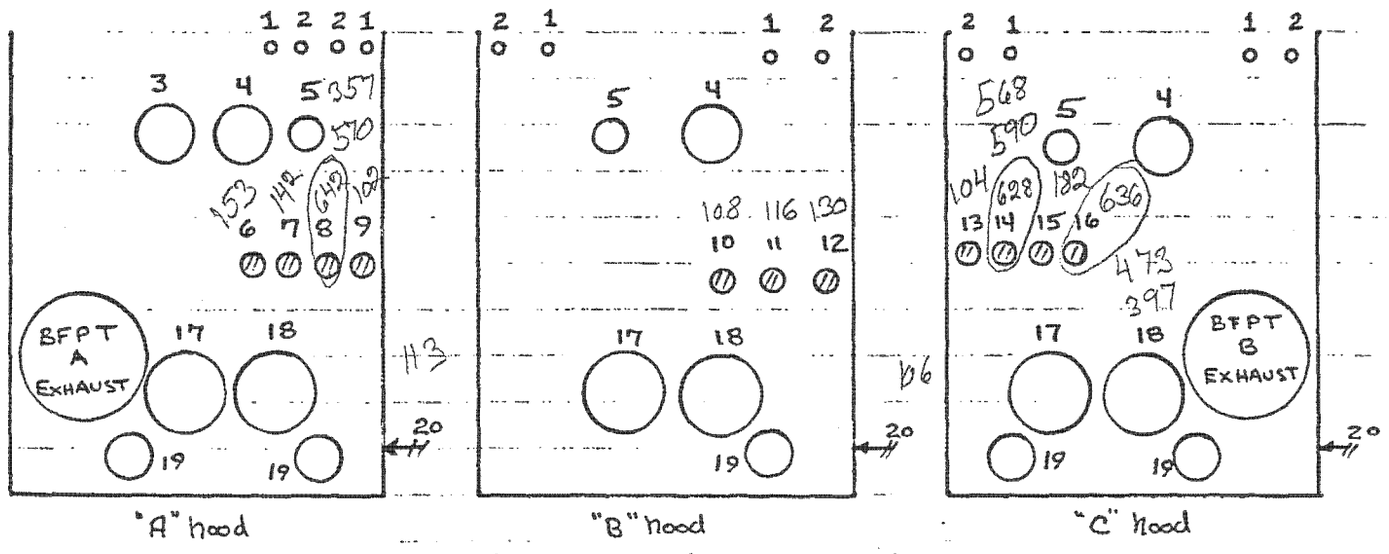
CONDENSER CONNECTIONS MEZZ – GEN. END



Condenser (Mezz Level)
(GEN END)

1) DA drain to Condenser DV&TT BV26, BV27
   DA drain to Condenser DV&TT BV85, BV86
   Condensate return from lighters BV 375
2) Bypass from boiler to condenser BV 136, ACV 137, BV 138, BV 169, BV 170
3) HTR 4 Hi level drain to Condenser BV 9, BV 17
4) Booster pump and standby pump seal return
5) Condensate pump startup recirc valve to Condenser
6) Condensate recirc to Condenser
7) Drain Cooler drain to Condenser

CONDENSER CONNECTIONS MEZZ - NORTH SIDE



CONDENSER (MEZZ LEVEL)
(NORTH SIDE)

1) TE
2) Pressure Tap
3) TDV to HTR 1A
4) EXTR TO HTR #4
5) SSH to LP Seals
6) BFPT "A" HP STOP VALVE DRAIN
7) BFPT "A" LP STOP VALVE BELOW SEAT DRAIN
8) BFPT "A" HP STOP VALVE DRAIN
9) BFPT "A" FIRST Stage Drain
10) HTR #4 Vent to Condenser
11) HTR #3 Vent to Condenser
12) HTR #2 Vent to Condenser
13) BFPT "B" FIRST STAGE DRAIN
14) BFPT "B" HP STOP VALVE DRAIN
15) BFPT "B" LP STOP VALVE below SEAT DRAIN
16) BFPT "B" HP STOP VALVE DRAIN
17) EXTR TO HTR #2

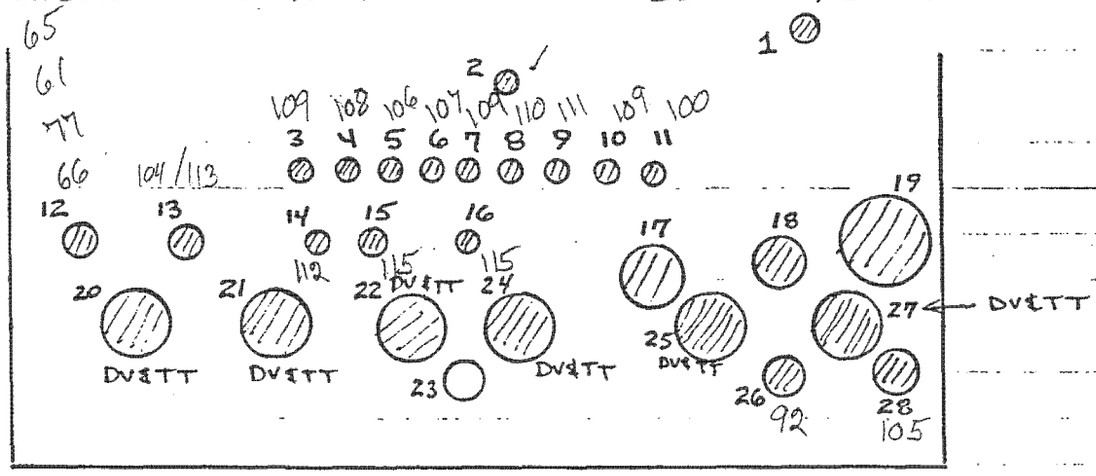
CONT.
(18) EXTR TO HTR #3
(19) TO VACUUM PUMPS
(20) VAC. Breaker - Check for MAKE-UP LEAKAGE TO CONDENSER

IP14_006451

started 11:48

CONDENSER CONNECTIONS

Bsmt - TB END



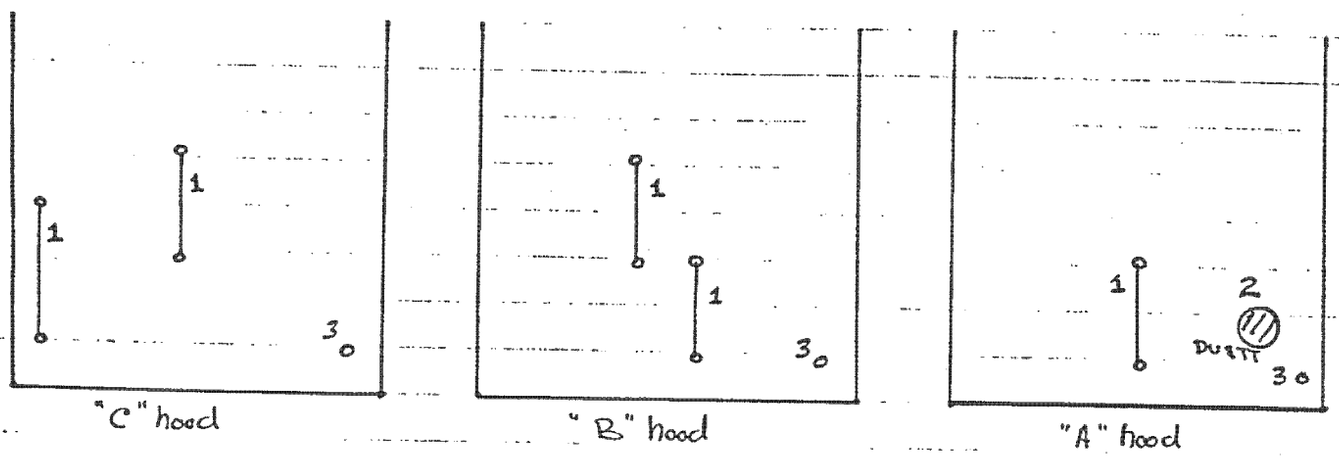
CONDENSER - Bsmt
(TB END)

1) Orificed drain from TDV to HTR
2) Drain from Feedwater to HTR #6
3) Drain RHT Bowl to condenser
4) Control valve drain to condenser
5) " " " " "
6) " " " " "
7-10) STOP valve drain to condenser
11) Drain from RHT Bowl
12) CRH low point drains - check before desuperheating
13) HRH low point drains - check before desuperheating
14) Low point drain from MS Bypass to condenser
15) Control valve drain to condenser
16) Main Steam lead drain to condenser
17) TDV to Condenser
18) Equalizer valve
19) HP extn line drain header
20, 21) HTR 6A & 6B Hi level dumps — 20) HTR 6A ; 21) HTR 6B
22, 24) HTR 8A & 8B Hi level dumps — 22) HTR 8A ; 24) HTR 8B
23) Drain from Misc Drain Tank
25, 27) HTR 7A & 7B Hi level dump — 25) HTR 7B ; 27) HTR 7A
26) SSH low point drain
28) Drain from LP extn steam to BFPT "A"

IP14_006452

CONDENSER CONNECTIONS

BSMT - SOUTH SIDE

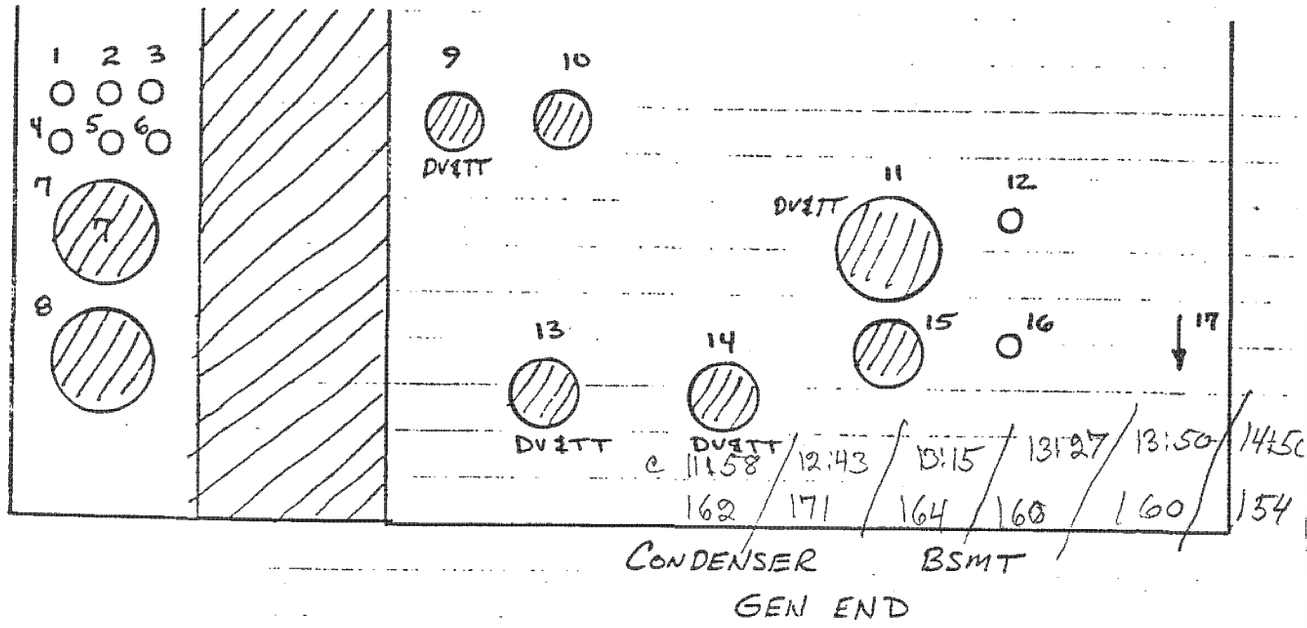


CONDENSER - BSMT
SOUTH SIDE

1) SITE GLASS OR LEVEL INDICATOR
2) EMERGENCY MAKE-UP TO HOTWELL
3) TE

CONDENSER CONNECTIONS

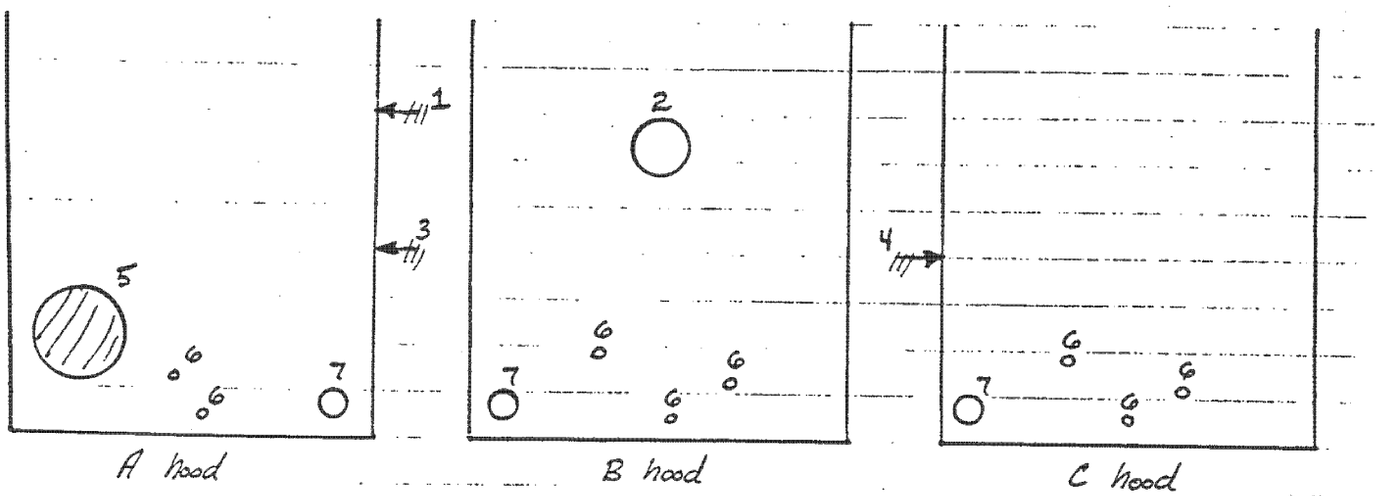
BSMT - GEN END



1,2,3) Condensate pump suction vents
4,5,6) Condensate pump disch vents
7) LP HTR EXTR LINE HDR
8) LP HTR EXTR LINE HDR
9) APH Return to Condenser
10) Extn line drain from LP steam to BFPT "B"
11) Flash tank Hi level drain to the Condenser
12) Vent to Condenser from the drain cooler drain line to Condenser
13) HTR #3 Hi level drain to Condenser
14) HTR #2 Hi level drain to condenser
15) Generation Bldg Heating return to condenser
16) Sample from drain cooler drain line to condenser
17) Local sample from drain cooler.

CONDENSER CONNECTIONS

BSMT - NORTH SIDE



Condenser Bsmt
North Side

1) SSH Low point drain - Check MEZZ Level
2) To VACUUM Pumps
3) BFPT "1A" LP STOP VALVE above seat drain - Check Mezz level
4) BFPT "1B" LP " " " " " " " "
5) LP extraction line drain header
6) Hotwell sample
7) Hotwell drain.

IP14_006455

MEZZANINE TC'S

LP HTR 2 DR
To Flash Tk 1
163

MS WARM LINE
82

MS DRAIN WARM LINE - 1MSDSH
85

MS DRAIN WARM LINE - 1MSDSH
86

BOOSTER BFP DISC
TO MAIN + STBY BF
174
120
126

MS DRAINS TO
BLOWDOWN TANK
161
177
171

82

ST. SEAL
EXTRACTIONS
UP 1/2 LEVEL

209
201
203
202

350
370
373

312
310
216
219

DOWN ON MEZZANINE
TDV TO CONDENSER

IP14_006456

UNDER SOFTWARE LOCK 05/16/87 12:35:12 F1-20

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	614.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0418	126.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	931.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0417	82.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE0419	77.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE0000	117.	DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1205	422.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1206	53.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	402.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	387.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE0997	115.	DEGF	HOT RH DR DSUPHTR 3 T		

FORWARD PAGING DRN1

IP14_006457

UNDER SOFTWARE LOCK 05/16/87 12:35:31 F1-20

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1015	290. DEGF	HP HTRS 8A & 8B TURB DRAIN T		
TECTE1016	128. DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	185. DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	147. DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112. DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	132. DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	113. DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	115. DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	116. DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE8959	127. DEGF	HP COND TO DSUPHTR LINE T		
TECTE1045	151. DEGF	BFPT 1A EXTR DR T		
TECTE1046	183. DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRN2

IP14_006458

UNDER SOFTWARE LOCK 05/16/87 12:35:52 F1-20

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1027	95. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	117. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	92. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	86. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	85. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	104. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	114. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	103. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	93. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	105. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	89. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	81. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	88. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	71. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	83. DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	81. DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN3

IP14_006459

UNDER SOFTWARE LOCK 05/16/87 12:47:03 F1-28

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	614.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0418	126.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	325.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0417	82.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE0419	77.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE0008	117.	DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1285	422.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1286	52.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	402.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	387.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE0997	114.	DEGF	HOT RH DR DSUPHTR 3 T		

FORWARD PAGING DRN1

IP14_006460

UNDER SOFTWARE LOCK 05/16/87 12:37:28.53-08

MEASUREMENT DISPLAY

HP/IP EXTR STM BRK HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1015	281. DEGF	HP HTRS 8A & 8B TURB DRAIN T		
TECTE1016	121. DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	185. DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	147. DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112. DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	132. DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	112. DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	114. DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	116. DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE8959	127 DEGF	HP COND 10 DSUPHTR LINE T		
TECTE1045	151. DEGF	BFPT 1A EXTR DR T		
TECTE1046	183. DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRW2

IP14_006461

UNDER SOFTWARE LOCK 05/16/87 12:47:40 F1-20

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1027	94. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	117. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	92. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	96. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	85. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	104. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	114. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	102. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	92. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	104. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	89. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	81. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	88. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	72. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	83. DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	81. DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN3

IP14_006462

UNDER SOFTWARE LOCK 05/16/87 13:04:02 F1-20

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	614.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE8418	126.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	319.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE8417	83.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE8419	78.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE8888	117.	DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1205	422.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1206	52.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	482.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	387.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE8997	114.	DEGF	HOT RH DR DSUPHTR 3 T		

FORWARD PAGING DRN1

IP14_006463

UNDER SOFTWARE LOCK 05/16/87 13:04:22 F1-20

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1015	266. DEGF	HP HTRS 8A & 8B TURB DRAIN T		
TECTE1016	124. DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	185. DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	147. DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112. DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	130. DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	113. DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	115. DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	115. DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE0959	127. DEGF	HP COND TO DSUPHTR LINE T		
TECTE1045	152. DEGF	BFPT 1A EXTR DR T		
TECTE1046	183. DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRN2

IP14_006464

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1027	94. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	116. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	91. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	86. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	86. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	104. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	114. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	102. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	92. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	103. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	89. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	81. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	87. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	72. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	83. DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	81. DEGF	LP HTR 4 EXTR DRAIN T		

IP14_006465

UNDER SOFTWARE LOCK 05/16/87 13:18:42 F1-28

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
SGGTE1154	611. DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGGTE0416	127. DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	314. DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0417	83. DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE0419	78. DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE0068	119. DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1285	423. DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1286	53. DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	403. DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	387. DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE0997	115. DEGF	HOT RH DR DSUPHTR 3 T		

FORWARD PAGING DRN1

IP14_006466

UNDER SOFTWARE LOCK 05/16/87 13:19:03 F1-20

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1015	254. DEGF	HP HTRS 8A & 8B TURB DRAIN T		
TECTE1016	125. DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	186. DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	146. DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112. DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	138. DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	113. DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	115. DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	115. DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE0959	127. DEGF	HP COND TO DSUPHTR LINE T		
TECTE1045	152. DEGF	BFPT 1A EXTR DR T		
TECTE1046	183. DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRN2

IP14_006467

UNDER SOFTWARE LOCK 05/16/87 13:19:24 F1-20

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1027	94. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	116. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	91. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	86. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	86. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	104. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	113. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	101. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	91. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	103. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	89. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	81. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	97. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	73. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	83. DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	81. DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN3

IP14_006468

UNDER SOFTWARE LOCK 05/16/87 13:35:07 F1-20

MEASUREMENT DISPLAY

HP STM DRAIN_TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	614.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0418	127.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	309.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0417	83.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE0419	79.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE0008	119.	DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1205	422.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1206	52.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	402.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	388.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE0997	115.	DEGF	HOT RH DR DSUPHTR OUT		

FORWARD PAGING DRN1

IP14_006469

UNDER SOFTWARE LOCK 05/16/87 13:35:27 F1-20

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
TECTE1015	244.	DEGF	HP HTRS 8A & 8B TURB DRAIN T		
TECTE1016	126.	DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	184.	DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	145.	DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112.	DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	129.	DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	113.	DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	115.	DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	115.	DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	115.	DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	115.	DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	116.	DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE8959	126.	DEGF	HP COND TO DSUPHTR LINE T		
TECTE1045	153.	DEGF	BFPT 1A EXTR DR T		
TECTE1046	183.	DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRN2

IP14_006470

UNDER SOFTWARE LOCK 05/16/87 13:35:51 F1-20

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1027	94. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	115. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	91. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	85. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	86. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	104. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	113. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	101. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	91. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	102. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	88. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	81. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	87. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	69. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	83. DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	81. DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN3

IP14_006471

UNDER SOFTWARE LOCK 05/16/87 13:49:34 F1-28

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS -ALARM
TECTE1015	234.	DEGF	HP HTRS 8A & 8B TURB DRAIN T	
TECTE1016	127.	DEGF	HP HTR 8A EXTRACTION DRAIN T	
TECTE1017	184.	DEGF	HP HTR 8B EXTRACTION DRAIN T	
TECTE1018	145.	DEGF	HP HTRS 6A & 6B TURB DRAIN T	
TECTE1019	112.	DEGF	HP HTR 6A EXTRACTION DRAIN T	
TECTE1020	126.	DEGF	HP HTR 6B EXTRACTION DRAIN T	
TECTE1021	113.	DEGF	BFPT 1B EXTRACTION DRAIN T	
TECTE1022	115.	DEGF	BFPT 1A EXTRACTION DRAIN T	
TECTE1023	115.	DEGF	DEA HTR 5 TURB EXTR DRAIN T	
TECTE1024	115.	DEGF	BFPT 1A & 1B TURB EXTR DRAIN T	
TECTE1025	115.	DEGF	DEA HTR 5 TURB EXTR DRAIN T	
TECTE1026	115.	DEGF	DEA HTR 5 TURB EXTR DRAIN T	
TECTE0959	125.	DEGF	HP COND TO DSUPHTR LINE T	
TECTE1045	153.	DEGF	BFPT 1A EXTR DR T	
TECTE1046	183.	DEGF	BFPT 1B EXTR DR T	

FORWARD PAGING DRN2

IP14_006473

UNDER SOFTWARE LOCK 05/16/87 13:49:54 P1-28

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1027	94. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	114. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	98. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	85. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	86. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	103. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	112. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	100. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	91. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	101. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	97. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	126. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	89. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	68. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	83. DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	88. DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN3

IP14_006474

UNDER SOFTWARE LOCK 06/16/87 14:03:23 T1-20

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	620.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0418	127.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	381.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0417	85.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE0419	79.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE0888	117.	DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1285	422.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1286	52.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	482.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	388.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE0997	115.	DEGF	HOT RH DR DSUPHTR 3 T		

FORWARD PAGING DRN1

UNDER SOFTWARE LOCK 05/16/87 14:03:45 F1-20

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1015	226. DEGF	HP HTRS 8A & 8B TURB DRAIN T		
TECTE1016	127. DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	184. DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	144. DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112. DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	118. DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	113. DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	115. DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	115. DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE0959	125. DEGF	HP COND TO DSUPHTR LINE T		
TECTE1045	153. DEGF	BFPT 1A EXTR DR T		
TECTE1046	183. DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRN2

IP14_006476

UNDER SOFTWARE LOCK 05/16/87 14:04:06 F1-20

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1027	94. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	113. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	98. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	85. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	87. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	103. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	112. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	100. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	91. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	101. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	99. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	109. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	89. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	67. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	84. DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	81. DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN3

IP14_006477

UNDER SOFTWARE LOCK 05/16/87 14:17:01 F1-20

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	621.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0418	128.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	298.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0417	85.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE0419	88.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE0068	119.	DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1205	422.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1206	52.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	403.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	388.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE0997	115.	DEGF	HOT RH DR DSUPHTR 3 T		

FORWARD PAGING DRN1

IP14_006478

UNDER SOFTWARE LOCK 05/16/87 14:17:22 F1-20

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1015	217. DEGF	HP HTRS 8A & 8B TURB DRAIN T		
TECTE1016	127. DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	182. DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	144. DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112. DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	115. DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	113. DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	115. DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	115. DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE0959	124. DEGF	HP COND TO DSUPHTR LINE T		
TECTE1045	153. DEGF	BFPT 1A EXTR DR T		
TECTE1046	183. DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRN2

IP14_006479

UNDER SOFTWARE LOCK 05/16/87 14:17:49 F1-20

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1027	95. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	113. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	90. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	85. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	87. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	104. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	112. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	100. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	91. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	100. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	98. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	106. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	88. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	66 DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	84. DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	81. DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN3

IP14_006480

UNDER SOFTWARE LOCK 05/16/07 14:32:34 F1-20

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	620.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0418	128.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	294.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0417	85.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE0419	88.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE0008	117.	DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1285	422.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1286	52.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	402.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	388.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE0997	115.	DEGF	HOT RH DR DSUPHTR 3 T		

IP14_006481

UNDER SOFTWARE LOCK 05/16/87 14:32:53 F1-20

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1015	209. DEGF	HP HTRS 8A & 8B TURB DRAIN T		
TECTE1016	127. DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	183. DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	143. DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112. DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	113. DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	113. DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	115. DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	115. DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE0959	124. DEGF	HP COND TO DSUPHTR LINE T		
TECTE1045	155. DEGF	BFPT 1A EXTR DR T		
TECTE1046	185. DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRN2

IP14_006482

UNDER SOFTWARE LOCK 05/16/87 14:33:14 F1-20

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
TECTE1027	95.	DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	112.	DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	90.	DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	85.	DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89.	DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	87.	DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	104.	DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	112.	DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	99.	DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	91.	DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	100.	DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88.	DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	96.	DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	105.	DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	87.	DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	68.	DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	84.	DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	82.	DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN3

IP14_006483

UNDER SOFTWARE LOCK 05/16/87 14:51:40 F1-20

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	620.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0418	129.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	288.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0417	85.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE0419	88.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE0888	119.	DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1285	422.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1286	51.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	403.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	389.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE0997	115.	DEGF	HOT RH DR DSUPHTR 3 T		

FORWARD PAGING DRN1

IP14_006484

UNDER SOFTWARE LOCK 05/16/87 14:52:49 F1-20

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1015	199. DEGF	HP HTRS 8A & 8B TURB DRAIN T		
TECTE1016	127. DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	182. DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	143. DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112. DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	113. DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	113. DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	115. DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	115. DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	116. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE8959	125. DEGF	HP COND TO DSUPHTR LINE T		
TECTE1045	155. DEGF	BFPT 1A EXTR DR T		
TECTE1046	185. DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRN2

IP14_006485

UNDER SOFTWARE LOCK 05/16/87 14:53:16 F1-28

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
TECTE1027	95.	DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	111.	DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	98.	DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	85.	DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89.	DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	87.	DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	104.	DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	111.	DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	99.	DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	98.	DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	99.	DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88.	DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	94.	DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	104.	DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	86.	DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	78.	DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	84.	DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	82.	DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN3

IP14_0006486

UNDER SOFTWARE LOCK 05/16/87 15:02:52 F1-20

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	623.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE8418	129.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	286.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE8417	85.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE8419	88.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE8888	117.	DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1285	421.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1286	58.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	482.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	388.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE8997	115.	DEGF	HOT RH DR DSUPHTR 3 T		

FORWARD PAGING DRN1

IP14_006487

UNDER SOFTWARE LOCK 05/16/07 15:03:14 F1-20

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
TECTE1015	192.	DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1016	127.	DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	182.	DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	146.	DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112.	DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	112.	DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	113.	DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	115.	DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	115.	DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	115.	DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	115.	DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	115.	DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE8959	124.	DEGF	HP COND TO DSUPHTR LINE T		
TECTE1045	155.	DEGF	BFPT 1A EXTR DR T		
TECTE1046	185.	DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRN2

IP14_006488

UNDER SOFTWARE LOCK 05/16/87 15:03:36 F1-20

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1027	95. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	110. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	90. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	85. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	87. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	108. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	129. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	98. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	90. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	99. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	93. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	104. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	86. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	71. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	84. DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	82. DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN3

IP14_006489

UNDER SOFTWARE LOCK 05/16/87 15:17:10 F1-20

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	619.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0418	129.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	282.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0417	85.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE0419	81.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
SGGTE0008	119.	DEGF	MN ST LINE WRMG DSUPHTR 1 OUT T		
SGJTE1205	421.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1206	57.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	402.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	387.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE0997	115.	DEGF	HOT RH DR DSUPHTR 3 T		

FORWARD PAGING DRN1

IP14_006490

UNDER SOFTWARE LOCK 05/16/87 15:17:38 P1-28

MEASUREMENT DISPLAY

HP/IP EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS ALARM
TECTE1015	108. DEGF	HP HTRS 8A & 8B TURB DRAIN T	
TECTE1016	127. DEGF	HP HTR 8A EXTRACTION DRAIN T	
TECTE1017	182. DEGF	HP HTR 8B EXTRACTION DRAIN T	
TECTE1018	143. DEGF	HP HTRS 6A & 6B TURB DRAIN T	
TECTE1019	112. DEGF	HP HTR 6A EXTRACTION DRAIN T	
TECTE1020	112. DEGF	HP HTR 6B EXTRACTION DRAIN T	
TECTE1021	113. DEGF	BFPT 1B EXTRACTION DRAIN T	
TECTE1022	115. DEGF	BFPT 1A EXTRACTION DRAIN T	
TECTE1023	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T	
TECTE1024	115. DEGF	BFPT 1A & 1B TURB EXTR DRAIN T	
TECTE1025	115. DEGF	DEA HTR 5 TURB EXTR DRAIN T	
TECTE1026	116. DEGF	DEA HTR 5 TURB EXTR DRAIN T	
TECTE0959	124. DEGF	HP COND TO DSUPHTR LINE T	
TECTE1045	155. DEGF	BFPT 1A EXTR DR T	
TECTE1046	165. DEGF	BFPT 1B EXTR DR T	

FORWARD PAGING DRN2

IP14_006491

UNDER SOFTWARE LOCK 05/16/87 15:17:58 F1-28

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1027	95. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1028	169. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1029	89. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1030	85. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1031	89. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1032	87. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1033	111. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1034	146. DEGF	LP HTR 2 EXTRACTION DRAIN T		
TECTE1035	98. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1036	91. DEGF	LP HTR 3 EXTRACTION DRAIN T		
TECTE1037	99. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1038	88. DEGF	LP HTR 4 EXTRACTION DRAIN T		
TECTE1039	92. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1040	164. DEGF	LP HTR 2 EXTR DRAIN T		
TECTE1041	86. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1042	78. DEGF	LP HTR 3 EXTR DRAIN T		
TECTE1043	84. DEGF	LP HTR 4 EXTR DRAIN T		
TECTE1044	81. DEGF	LP HTR 4 EXTR DRAIN T		

FORWARD PAGING DRN2

IP14_006492

UNDER SOFTWARE LOCK 05/16/87 15:34:40 F1-20

MEASUREMENT DISPLAY

HP STM DRAIN TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS	ALARM
SGGTE1154	619.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0418	128.	DEGF	MN ST LINE DRN TO BLWDN TANK T		
SGGTE1153	278.	DEGF	MAIN STEAM DR TO BLOWDOWN TK T		
SGFTE0417	85.	DEGF	BFPT DRAIN TO BLOWDOWN TANK T		
SGGTE0419	81.	DEGF	MN ST LINE WRMG DSUPHTR 1 IN T		
~~SGGTE0000~~	~~119.~~	~~DEGF~~	~~MN ST LINE WRMG DSUPHTR 1 OUT T~~		
SGJTE1205	422.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1206	67.	DEGF	COLD RH DR DSUPHTR INLET TEMP		
SGJTE1157	403.	DEGF	SG S HOT RH OUT TO DR DSUPHTR		
SGJTE1158	387.	DEGF	SG N HOT RH OUT TO DR DSUPHTR		
SGJTE0997	115.	DEGF	HOT RH DR DSUPHTR 3 T		

FORWARD PAGING DRN1

IP14_006493

UNDER SOFTWARE LOCK 05/16/87 15:35:03 P1-20

MEASUREMENT DISPLAY

HP/IP EXTR STM [redacted] HDR TEMPS

BLOCK	VALUE	DESCRIPTION	STATUS	ALARM
TECTE1015	168. DEGF	HP HTRS 8A & 8B TURB DRAIN T		
TECTE1016	127. DEGF	HP HTR 8A EXTRACTION DRAIN T		
TECTE1017	182. DEGF	HP HTR 8B EXTRACTION DRAIN T		
TECTE1018	142. DEGF	HP HTRS 6A & 6B TURB DRAIN T		
TECTE1019	112. DEGF	HP HTR 6A EXTRACTION DRAIN T		
TECTE1020	111. DEGF	HP HTR 6B EXTRACTION DRAIN T		
TECTE1021	113. DEGF	BFPT 1B EXTRACTION DRAIN T		
TECTE1022	115. DEGF	BFPT 1A EXTRACTION DRAIN T		
TECTE1023	116. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1024	116. DEGF	BFPT 1A & 1B TURB EXTR DRAIN T		
TECTE1025	116. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE1026	116. DEGF	DEA HTR 5 TURB EXTR DRAIN T		
TECTE0959	125. DEGF	HP COND TO DSUPHTR LINE T		
TECTE1045	155. DEGF	BFPT 1A EXTR DR T		
TECTE1046	185. DEGF	BFPT 1B EXTR DR T		

FORWARD PAGING DRN2

IP14_006494

UNDER SOFTWARE LOCK 05/16/87 15:35:20 F1-20

MEASUREMENT DISPLAY

LP 1A/1B/1C EXTR STM DRN HDR TEMPS

BLOCK	VALUE		DESCRIPTION	STATUS-ALARM
TECTE1027	95.	DEGF	LP HTR 2 EXTRACTION DRAIN T	
TECTE1028	108.	DEGF	LP HTR 2 EXTRACTION DRAIN T	
TECTE1029	89.	DEGF	LP HTR 3 EXTRACTION DRAIN T	
TECTE1030	85.	DEGF	LP HTR 3 EXTRACTION DRAIN T	
TECTE1031	89.	DEGF	LP HTR 4 EXTRACTION DRAIN T	
TECTE1032	87.	DEGF	LP HTR 4 EXTRACTION DRAIN T	
TECTE1033	111.	DEGF	LP HTR 2 EXTRACTION DRAIN T	
TECTE1034	158.	DEGF	LP HTR 2 EXTRACTION DRAIN T	
TECTE1035	99.	DEGF	LP HTR 3 EXTRACTION DRAIN T	
TECTE1036	92.	DEGF	LP HTR 3 EXTRACTION DRAIN T	
TECTE1037	98.	DEGF	LP HTR 4 EXTRACTION DRAIN T	
TECTE1038	88.	DEGF	LP HTR 4 EXTRACTION DRAIN T	
TECTE1039	91.	DEGF	LP HTR 2 EXTR DRAIN T	
TECTE1040	104.	DEGF	LP HTR 2 EXTR DRAIN T	
TECTE1041	86.	DEGF	LP HTR 3 EXTR DRAIN T	
TECTE1042	69.	DEGF	LP HTR 3 EXTR DRAIN T	
TECTE1043	84.	DEGF	LP HTR 4 EXTR DRAIN T	
TECTE1044	81.	DEGF	LP HTR 4 EXTR DRAIN T	

FORWARD PAGING DRN3

IP14_006495

TEST # 9, 10 DATE 5/16/87

MASTER

TURBINE PERFORMANCE TESTING - CRITICAL VALVES

I - HIGHEST PRIORITY, IMMEDIATELY AFTER TRIP
II - RETURN TO SERVICE AFTER PRIOR. #1
} RESTORE BETWEEN TESTS
III - " " " " END OF DAY OR TRIP

PRIORITY I VALVES (PAGE 1 OF 2)

P&ID	VALVE #	DESCRIPTION	LOCATION	VLV POSITION / CLOSE INIT.	OPEN O INITIAL	CLOSE C INITIAL	OPEN O INITIAL
M2076	ZTED-BV-0019	HP HTR 8A ALT. HLVL DUMP	GF - EAST OF COND	C / CG	CG	DA	TM
"	" 0020	" 8A "	"	C / CG	CG	DA	TM
"	" 0027	" 7A "	"	O / CG	CG	DA	TM
"	" 0028	" 7A "	"	O / CG	CG	DA	TM
"	" 0035	" 6A "	"	C / CG	CG	DA	TM
" GF EAST	" 0036	" 6A "	"	C / CG	CG	DA	TM
"	" 0021	" 8B "	"	O / CG	CG	DA	TM
"	" 0022	" 8B "	"	O / CG	CG	DA	TM
"	" 0029	" 7B "	"	O / CG	CG	DA	TM
"	" 0030	" 7B "	"	O / CG	CG	DA	TM
"	" 0037	" 6B "	"	C / CG	CG	DA	TM
"	" 0038	" 6B "	"	C / CG	CG	DA	TM
M2020	ZHRA-BV-0019	COND. NORMAL DRAWOFF	GF SW CORNER OF COND	O / CM	CM	CM	DA
"	-0020	"	"	O / CM	CM	CM	DA
M2077	ZTEE-BV-0011	LP HTR 3 ALT. HLVL DUMP	GF - WEST OF COND	O / CM	CM	CM	DA
"	" 0019	" 3 "	"	O / CM	CM	CM	DA
"	" 0013	" 2 "	"	O / CM	CM	CM	DA
	LOW LOAD 0012	" 2 Normal					
"	" 0021	" 2 "	"	O / CM	CM	CM	DA
	LOW LOAD 0020	" 2 Normal					
"	" 0015	FLASH TANK "	GF - SW OF COND	O / CM	CM	CM	DA
"	" 0022	" " 6021	"	O / CM	CM	CM	DA

IP14_006496

TEST # _____ DATE _____

PRIORITY I VALVES (PAGE 2 of 2)

P&ID	VALVE #	DESCRIPTION	LOCATION	VLV POSITION / CLOSE INITIALS	OPEN O INITIALS	CLOSE C INITIALS	OPEN O INITIALS
M2077	2TEE-BV-0009	LP HTR 4 ALT HLVL DUMP	MEZZ WEST OF COND	O / Km	Km	Km	Km
"	" 0017	"	"	O / Km	Km	Km	Km
M2037	2FWC-BV-0026	DA RECIRC. to COND.	"	O / Km	Km	Km	Km
"	" 0027	"	"	O / Km	Km	Km	Km
"	2FWC-MBV-90	"	"	O / Km	Km	Km	Km
M2020	2HRA-BV-0030	COND. NORMAL MU	MEZZ SW CORNER OF COND.	O / EW	EW	CN	CN
	2HRA-ACV-32	"		O / EW	EW	CN	CN
"	" 0031	"	"	O / EW	CW	CN	CN
M2080A	2TGC-BV-0010	MN. STM. to turbine seals	MEZZ W. OF MN. STM HDR	O / Km	Km	Km	Km
M2069	2SGG-MBV-9	HP STM. to BFPT 1A	3rd NE OF BFPT 1A	O / DC	DC	KM	Km
"	" -10	" 1B	3rd SW OF BFPT 1B	O / DC	DC	Km	Km
M2008	2PSA-BV-0021	DA PEGGING STEAM	15th N of E ELEVATOR	O / DC	CLOSED →		MP
"	" 0022	"	"	O / DC	CLOSED →		MP
~~M2035A~~	~~2FWA-BV-37~~	~~BFPT 1A Recirc~~	~~13th EAST~~				
M2075	2TEC-BV-0073	HP HTRS 8A & 8B EXTRACT.	GF E OF LUBE OIL CENT.	O / cm	CM	cm	DA
"	" 0079	HP HTR 8A "	"	O / cm	CM	cm	DA
M2035C	2FWA-BV-0388	HP STOP VLV 1B1 STEM LEAKOFF	MEZZ NW OF COND	O / Km	Km	Km	Km
"	" 0390	" Seat DRAIN	"	O / Km	Km	Km	Km
"	" 0389	" 1A1 " "	MEZZ N OF COND	O / Km	Km	Km	Km
M2075	2TEC-BV-0075	HP HTRS 8A & 8B EXTRACT	GF E OF LUBE OIL CENTRIFUGE	O / cm	CM	cm	DA
"	" 0081	HP HTR 8A "	"	O / cm	CM	cm	DA
"	" 0105	HP HTR 6B "	"	O / cm	CM	cm	DA
"	" 0121	BFPT 1A & 1B "	"	O / cm	CM	cm	DA

IP14_006497

TEST # _____ DATE _____

PRIORITY II VALVES (PAGE 1 OF 3)

P&ID	VALVE #	DESCRIPTION	LOCATION	VLV POSITION / CLOSE INITIALS	OPEN O INITIALS	CLOSE C INITIALS	OPEN O INITIALS
M2054A	2SAC-BV-0017	SAMPLE 1 MU to COND.	GF Chem LAB				
"	" 0030	"	"				
"	" 0019	SAMPLE 3 DEMIN. 1A OUTLET	"				
"	" 0032	"	"				
"	" 0020	SAMPLE 4 DEMIN. 1B OUTLET	"				
"	" 0033	"	"				
"	" 0021	SAMPLE 5 DEMIN. 1C OUTLET	"				
"	" 0034	"	"				
"	" 0022	SAMPLE 6 DEMIN 1D OUTLET	"				
"	" 0035	"	"				
" LAB	" 0023	SAMPLE 7 COND. POL. OUTLET	"	LAB			
"	" 0036	"	"		LAB		
"	" 0001	SAMPLE 8 COND. AFTER GLAND COND.	"				
"	" 0002	SAMPLE 9 DA INLET	"			LAB	
"	" 0024	"	"				
"	" 0037	"	"				LAB
"	" 0026	SAMPLE 11 ECON. INLET	"				
"	" 0039	"	"				
"	" 0003	SAMPLE 13 SAT. STEAM	"				
"	" 0004	SAMPLE 14 MN. STEAM	"				
"	" 0028	"	"				
"	" 0041	"	"				
M2075	2TEC-BV-0065	LP HTR 4 LP TURBIN SECT. 1C	GF NW CORNER COND & CEILING	O CG	CG	DA	DA
M2071	2SGJ-BV-0056	COLD RH STM TRP 1 INLET	GF 204-B	O CG	CG	DA	DA
"	" 0057	" OUTLET	"	O CG	CG	DA	DA
M2069	2SGG-BV-0015	MN. STM. SAMPLE 14	TOP OF MEZZ MN STM	O CG	CG	DA	DA
"	" 0016	" GF EAST	"	O CG	CG	DA	DA

IP14_006498

TEST # _____ DATE _____

PRIORITY II VALVES (PAGE 2 OF 3)

P&ID	VALVE #	DESCRIPTION	LOCATION	KEY POSITION / CLOSE INITIALS	OPEN O INITIALS	CLOSE C INITIALS	OPEN O INITIALS
M2021	2HRB-BV-0109	SEPARATOR 1D Mu	MEZZ. CONDENSER VAC. PMPS	O cm	CM	cm	DA
"	" 0110	" 1C "	"	O cm	CM	cm	DA
"	" 0111	" 1B "	"	O cm	CM	cm	DA
"	" 0112	" 1A "	"	O cm	CM	cm	DA
M2071	2SGJ-BV-0090	COND to CRH DSPRHTR 2	MEZZ. 3rd by	O cm	CM	cm	DA
M2079	2TGA-BV-0005	HOOD SPRAY SUPPLY	GE Trailer	O cm	CM	cm	DA
M2078B	2TEF-BV-0163	LP HTR 3 CONTINUOUS vent to COND	3rd LP HTR 3	O cm	CM	cm	DA
M2078A	2TEF-BV-0077	HP HTR 6A CONTINUOUS vent to DEA	3rd HP HTR 6A	O cm	CM	cm	DA
"	" 0080	" 6B "	3rd HP HTR 6B	O cm	CM	cm	DA
"	" 0076	" 7A "	5th HP HTR 7A	O km	Km	Km	Km
"	" 0079	" 7B "	5th HP HTR 7B	O km	Km	Km	Km
M2078B	" 0162	LP HTR 4 " to COND	5th LP HTR 4	O km	Km	Km	Km
M2078A	" 0075	HP HTR 8A " to DEA	6th HP HTR 8A	O km	Km	Km	Km
"	" 0078	" 8B "	6th HP HTR 8B	O km	Km	Km	Km
M2035B	2FWA-BV-0202	Boiler Feed Sample 11	10th S OF MCC 2B09	O km	Km	Km	Km
"	" 0203	"	"	O km	Km	Km	Km
M2078A	2TEF-BV-0003	DEA CONTINUOUS VNT TO ATMOS.	14th top OF DEA	O DC	DC	KM	Km
"	" 0007	"	"	O DC	DC	Km	Km
"	" 0011	"	"	O DC	DC	Km	Km
M2063B	2SGA-BV-0199	STM. TRAP 3	18th	O DC	DC	Km	Km
M2063B	2SGA-BV-0172	STM. GEN. SAMPLE 13	17th S	O DC	DC	Km	Km
"	" 0003	CONTINUOUS BLOWDOWN	18th E END OF DRUM	O DC	DC	Km	Km
"	" MBV-4	"	"	O DC	Closed →		
"	" MBV-2	STM SUPPLY to AUX STM	18th S OF DRUM	O DC	Closed →		
"	" BV-0001	"	"	O DC	Closed →		
12008	2PSA-MBV-17	CRH SUPPLY to AUX STM	9th Behind E ELEVATOR	O Km	closed →		Km
"	" BV-12	"	"	O Km	closed →		Km
"	" BV-14	"	"	O Km	closed →		Km
"	" BV-58	2ND SUPERHEAT to AUX STM	17th W. SIDE	O DC	closed →		
M2063A	2SGA-BV-0195	STEAM TRAP 2		O DC	DC	Km	mP
M2063A	2SGA-BV-0010	M.S. STM to AUX S	"				

IP14_006499

TEST # _____ DATE _____

PRIORITY II VALVES (PAGE 3 of 3)

P&ID	VALVE #	DESCRIPTION	LOCATION	NEW POSITION CLOSE INITIAL	OPEN O INITIAL	CLOSE C INITIAL	OPEN O INITIAL
2FWB M2036							
"	B-1 B-2 B-3 B-4	FLOW METER 1 BBFP open first	GF-W OF BBFP 2A	Closed Closed	OPEN OPEN	Closed Closed	Open Open
"	B-5 B-6 B-7 B-8	FLOW METER 2 BFP open first	GF ABOVE BFPT LUBE OIL CENT.	Closed Closed	OPEN OPEN	Closed Closed	Open Open

TEST #_____ DATE_____

P&ID	VALVE #	DESCRIPTION		LOCATION	PROBABILITY	CLOSED C INITIAL	OPEN O INIT
M2075	2TEC-BV-0027	LP HTR 2	LP TURB. SECTION 1B	GF - NW CORNER OF COND. - Bottom Row	III	CM	D
"	" 0031	"			III	cm	D
"	" 0035	LP HTR 3			III	cm	D
"	" 0039	"			III	cm	D
"	" 0043	LP HTR 4			III	cm	D
"	" 0047	"			III	cm	D
"	" 0003	LP HTR 2	LP TURB. SECTION 1A	GF - NE CORNER OF COND.	III	CG	D
"	" 0007	"			III	CG	D
"	" 0011	LP HTR 3			III	CG	D
"	" 0015	"			III	CG	D
"	" 0019	LP HTR 4			III	CG	D
"	" 0023	"			III	CG	D
"	" 0051	LP HTR 2	LP TURB. SECTION 1C	GF - NW CORNER OF COND. TOP Row	III	CG	D
"	" 0055	"			III	CG	D
"	" 0059	LP HTR 3			III	CG	D
"	" 0063	"			III	CG	D
"	" 0067	LP HTR 4			III	CG	D
"	" 0071	"			III	CG	D
M2038 B	2FWD-BV-0121	COND. POLISH Regen Pump		GF	III	Km	Km
"	" 0125	"		"	III	Km	Km
M2008	2PSA-BV-0082	AUX. STM. TRAP 5		"	III	Km	Km
M2080A	2TGC-BV-0058	AUX. STM. to Cond. RH		MEZZ. TOP OF VLV DECK	III	Km	Km
M2069	2SGG-BV-0058	MN. STM. WARMING LINE		MEZZ. NE OF MCC 2A03	III	Km	Km
M2068	2SGF-BV-0065	DOWNCOMER DRN. BLOWDOWN		MEZZ. S. SIDE Boiler	III	Km	Km
"	" 0055	LWR. CONVECTION PASS HDR		10th east	III	DC	MF
"	" 0057	"		"	III	DC	MF
"	" 0035	"		10th west	III	DC	MF
"	" 0078	"		"	III	DC	MF

Both GF's

IP14_006501

TEST # _____ DATE _____

P&ID	VALVE #	DESCRIPTION	LOCATION	PRIORITY	CLOSE C INITIAL	OPEN O INITIAL
M2068	2SGF-BV-0041	SECOND. SPRNTR OUT HDR.	15th - West	III	DC	MF
"	" 0043	" " INTERMED HDR	"	III	DC	MF
"	" 0045	" " " "	"	III	DC	MF
"	" 0049	" " PLATON "	"	III	DC	MF
"	" 0051	ROOF INLET HDR	"	III	DC	MF
M2008	2PSA-BV-0026	TURBINE Seals 3/4 STM	MEZZ 203-D	III	KM	KM

Test 9:10
5/16/87

P&ID Checkoff List

P&ID	NON-CRITICAL COMPLETE	CRIT L COMPLETE	OPEN CRITICAL COMPLETE	OPEN NON-CRITICAL COMPLETE
9 PSA - M2008	RDG			
2 PSA - M2008	RDG			
2CCD - M2013A	RDG			
2HRA - M2020	RDG			
2 HRB - M2021	N/A			
2 FWA - M2035A	RDG			
2 FWA - M2035 B	RDG			
2 FWA - M2035 C	RDG			
2 FWC - M2037	RDG			
2 FWD - M2038A	RDG			
2 FWD - M2038 B	N/A			
2 SAC - M2054 A	RDG			
2SCA - M2056A	RDG			
2SGA - M2063A	RDG			
2 SGA - M2063 B	RDG			
2 SGC - M2065	RDG			
2 SGF - M2068	RDG			
2 SGG - M2069	RDG			
2 SGI - M2070	RDG			
2 SGJ - M2071	RDG			
2 TEA - M2073	RDG			
2 TEC - M2075	RDG			
2 TED - M2076	RDG			
2TEE - M2077	RDG			
2FWF - M2040	RDG			
2 TEF - M2078 A	RDG			
2 TEF - M2078 B	RDG			
2 TGA - M2079	N/A			
2 TGC - M2080 A	RDG			
2 TGC - M2080 B	RDG			
2 FWB - M2036	N/A			

ASME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9/10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____

After Test-Isolation: Start _____ End _____

Name _____

Date: _____

SYSTEM: AUX. STEAM P&ID # 9PSA-M2008

alve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-16	Make-up from U2 D.A.	Bsmt. near BBFP 2C	N		C	C	C	mp				
BV-20	Make-up from U1/U2 D.A	Aux. Boiler	N		C	C	C	mp				
BV-22	Make-up from U1/U2 D.A	Aux Boiler	N	C	C	C	C	mp				
BV-18	Make-up from U1 D.A	Unit 1 Bsmt BBFP 2C	N		C	C	C	mp				

IP14_006504

HDME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9 & 10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: AUX. STEAM P&ID # 2PSA-M2008 / 2TEA-M2073

alve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-21	DA-Pegging Stm	15th floor - North of east elevator	CRI	O	C							
BV-22	DA-Pegging Stm	"	CRI	O	C							
(BV-118)	" - telltale valve	"	N	C	C	C	C	mp				
MBV-17	CRH Supply to Aux Stm	9th floor behind east elevator	CRII	O	C							
BV-36/37)	telltale valves	"	N	C	C	C	C	mp				
BV-12	CRH Supply to Aux Stm	"	CRII	O	C							
BV-14	CRH Supply " "	"	CRII	O	C							
BV-15	CRH Supply " "	"	N	C	C	C	C	mp				
BV-133	Aux Stm to DA Tank	13th floor behind West elev - on DA tank	N	O	C	C	C	mp				
BV-6	" " " "	"	N	O	C	C	C	mp				
BV-134)	telltale valve	"	N	C	C	C	C	mp				
BV-7	CNDS to Aux Stm DSH	5th floor by east elevator	N	O	C	O+	C	cm	+ C	O	Dma	
BV-8	" " " " "	"	N	O	C	O+	C	cm	+ C	O	Dma	
BV-9	" " " " "	"	N		C	C	C	mp				
BV-19	Aux Stm to BFPT	Mezz Floor NE corner	N	O	C	C	C	mp				
BV-18	" " " "	" "	N	O	C	C	C	mp				
(-39/40)	telltale	" "	N	C	C	C	C	mp				
BV-11	CRH Supply to Aux Stm	9th behind east elevator	N	O	C	O+	C	cm	+ C	O	mp	
A(M2073) BV-118	Aux Stm to BFPT	Mezz Floor NE Corner	N	O	C	C	C	mp				
BV-13	CRH Supply to Aux Stm	9th behind east elevator	N	O	C	O+	C	cm	+ C	O	mp	
V-82	STEAM TRAP #5	BSMT. NE CORNER OF TURB PEDISTAL	CRIII	O	C							
V-83	"	" "	N	C	C	C	C	mp				
V-58	Aux. Steam from 2nd superheater	17th West side of Boiler	CRII	O	C							
V-26	Aux Steam supply to steam seals	MEZZ NE CORNER TURBINE	CRIII	O	C							

IP14_0065505

ASME - TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____

After Test-Isolation: Start _____ End _____

Name _____

Date: _____

SYSTEM: COMBUSTION GAS REHEAT P&ID# M2013A

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
3V-44	Sootblowing Supply to CGR	18th floor east side	N	O	C	C	C					
3V-47	" " "	" " "	N	O	C	C	C					
3V-137	Sprays from BFP	16th floor east side	N	O	C	C	C					
3V-139	" " "		N	O	C	C	C					
3V-142	" " "		N	O	C	C	C					
3V-110	CGR pump Recirc	Basement by CGR pumps	N	O	C	C	C					
3V-113	" " "	"	N	O	C	C	C					
3V-114	" " "	"	N	O	C	C	C					
3V-117	" " "	"	N	O	C	C	C					
3V-150	Return to CNDS	2nd floor above pumps	N	O	C	C	C					
3V-435	" " "	Basement @ pumps 12' up	N	O	C	C	C					
3V-436	- telltale	"	N	O	C	C	C					
3V-125	SBCND Return	North AQCS Control Room	N	O	C	C	C					- SBCNDS Return Pump OFF
3V-127	" " "	"	N	O	C	C	C					

IP14_006506

HOME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____

After Test-Isolation: Start _____ End _____

Name _____

Date: _____

SYSTEM: CONDENSING P&ID# 2HRA-M2020/2SCA-M2056A

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-30	Condensate Normal	MEZZ, SE Corner condenser	CRI	O	C							
BV-31	Make-up	"	CRI	O	C							
BV-19	Condensate Normal DRAW OFF	BSMT. SW CORNER CONDENSER	CRI	O	C							
BV-20	"	"	CRI	O	C							
BV-33	Condensate EMERG. MAKE-UP	BSMT. SE CORNER CONDENSER	N	O	C	+ O	C	DC	+ C	O	Dma	
BV-34	"	"	N	O	C	+ O	C	DC	+ C	O	Dma	
BV-23	COND. EMERG. DRAW-OFF	BSMT SW CORNER CONDENSER	N	O	C	+ O	C	DC	+ C	O	Dma	
BV-24	"	"	N	O	C	+ O	C	DC	+ C	O	Dma	
BV-148)	TELL TAIL	LOCAL	N	C	C	C	CAPPED C	DRO				
BV-175)	"	"	N	C	C	C	C	DRO				
BV-176)	"	"	N	C	C	C	CAPPED C	DRO				
BV-177)	"	"	N	C	C	C	BROKEN C	DRO				
ICV-25	COND. RECIRC.	BSMT. SW CORNER CONDENSER	N	C	C	C	C	DRO				MAY HAVE TO CLO BV-28
BV-29	" BYPASS	"	N	C	C	C	C	DRO				
BV-71	COND. MISC. SERVICE PUMP OUTLET	BSMT. "IC" COND. PUMP ABOVE HEAD	N	O	C	C	C	DRO				
BV-179	"	"	N	O	C	C	C	DRO				
BV-178)	TELL TAIL	"	N	C	C	C	C	DRO				
BV-90	HOT WELL DRAINS	N. OF CONENSER BSMT.	N	C	C	C	C	DRO				
BV-91	"	"	N	C	C	C	C	DRO				
BV-89	"	"	N	C	C	C	C	DRO				
BV-92	HYDRAZINE FEED	"	N	C	C	C	C	DRO				
BV-112	COND. LEAK DETECTION IC	Basement - N. End to IC cond	N	O	C	C	C	DRO				OPEN after TEST
BV-113	"		N	O	C	C	C	DRO				"
BV-114	"		N	O	C	C	C	DRO				"

IP14_006507

[illegible] TESTING UNIT 2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: CONDENSING P+ID# 2HRA-M2020/2SCA-M2056A (CONT.)

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	Position - Before Test As left	Position - Before Test Initials	Position - After Test As Found	Position - After Test As Left	Position - After Test Initials	Comments
BV-115	COND LEAK DETECTION 1B	N. SIDE COND. 1B COND.	N	O	C	C	C	DRO				OPEN after tes
BV-116	"	"	N	O	C	C	C	DRO				"
BV-117	"	"	N	O	C	C	C	DRO				"
BV-118	COND. LEAK DETECTION 1A	N. SIDE COND. 1A COND.	N	O	C	C	C	DRO				"
BV-119	"	"	N	O	C	C	C	DRO				"
ACV-32	COND. NORMAL MU	MEZZ SE CORNER OF COND	CCI	O	C							
	P&ID 2SAC-M2056A											
V-529	GEN. BLDG. SP. COND DRAIN to UNIT 2	BASEMENT W. END TO K COND	N		C	C	C	DRO				

IP14_006508

MOVE TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: CONDENSER AIR EXTRACTION P&ID # 2HRB-M2021

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-109	SEPARATOR MAKE-UP	MEZZ. CONDEN. VAC PUMPS	CR II	O	C							WATCH SEPARATOR
BV-110	"	"	CR II	O	C							TANK LEVEL
BV-111	"	"	CR II	O	C							
BV-112	"	"	CR II	O	C							

IP14_006509

MOVE TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: BOILER FEED P&ID # 2FWA-M2035A

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As Left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-298	Bootstrap	MEZZ NEAR HTR. 2 (207-F)	N	C	C	C	C	MJP				
BV-299	"	"	N	C	C	C	C	MJP				
BV-108)	TELL TAIL	"	N	C	C	C	C	MJP				
BV-188	WARM-UP LINE	MEZZ UNDER 1A BFPT (203 E)	N	O	C	C	C	MJP				
1BV-189	"	"	N	C	C	C	C	MJP				
BV-365/107	TELL TAIL	"	N	C	C	C	C	MJP				
1CV-14	BFP RECIRC	13th W. END D.A (202G)	N	C	C	C	C	MJP				
1CV-15	"	"	N	C	C	C	C	MJP				
1CV-16	"	"	N	C	C	C	C	MJP				
1CV-17	BFP RECIRC	13th E. END DA. (207G)	N	C	C	C	C	MJP				
1CV-18	"	"	N	C	C	C	C	MJP				
1CV-19	"	"	N	C	C	C	C	MJP				
BV-37	"	"	CRI	O	C							

IP14_006510

ASME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date _____

SYSTEM: BOILER FEED P+ID# 2 FWA-M2035B

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
MBV-44	HP HEATERS BYPASS	TURBINE DECK E. of HP HTR. 6 (202H)	N	C	C	C	C	mp				
SGA-131	ECONOMIZER INLET HDR. DRAIN	11th Floor ECONOMIZER INLET	N	C	C	C	C	mp				
SGA-132	"	"	N	C	C	C	C	mp				
BV-202	SAMPLE 11	10th S. of MCC 2B09	CRII	O	C							
BV-203	"	"	CRII	O	C							

IP14_006511

HOME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: BOILER FEED P&ID # 2 FWA-M2035C

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	Position - Before Test As left	Position - Before Test Initials	Position - After Test As Found	Position - After Test As Left	Position - After Test Initials	Comments
1BV-303	ABOVE SEAT DRAIN. HP STOP VALVE (BFPT 1A)	1A BFPT N. SIDE TURB DECK	N	C	C	C	C	[illegible]				check in control ROOM
1BV-305	BELOW SEAT DRAIN HP STOP VALVE	"	N	C	C	C	C					↓
1BV-307	ABOVE SEAT DRAIN LP STOP VALVE	" S. SIDE	N	C	C	C	C					
1BV-309	BELOW SEAT DRAIN LP STOP VALVE	"	N	C	C	C	C					
1BV-311	1ST STAGE DRAIN	MEZZ - NE CORNER TURB. PEDISTAL - HP	N	C	C	C	C	↓				
1BV-304	ABOVE SEAT DRAIN HP STOP VALVE	1B BFPT S. SIDE	N	C	C	steam						
1BV-306	BELOW SEAT DRAIN HP STOP VALVE	"	N	C	C		leak					
1BV-308	ABOVE SEAT DRAIN LP STOP VALVE	" N. SIDE	N	C	C							
1BV-310	BELOW SEAT DRAIN LP STOP VALVE	"	N	C	C							
1BV-312	1ST STAGE DRAIN	MEZZ NW CORNER TURB PEDISTAL - HP	N	C	C	C	C	[illegible]				
3V-0388	HP STOP VLV 1B1 STEM LEAKOFF	MEZZ. NW OF COND	CRI	O	C							
3V-0390	" SEAT DRN	"	CRI	O	C							
3V-0389	" 1A1 "	MEZZ N OF COND	CRI	O	C							

IP14_006512

ASME - TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: BOILER FEED PUMP INJECTION P&ID # 2FWB-M2036

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
B-1	FM-1 BYPASS	BSMT. El. 1/ 1A BBFP	CR II	O	C							Valve-in
B-2	"	"	CR II	O	C							Flow Meter
												Carefully
B-3	Flow METER 1	"	CR II	C	O							
B-4	"	"	CR II	C	O							
B-5	FM-2 BYPASS	BSMT. BFPT LUBE OIL centrifuge, ceiling	CR II	O	C							
B-6	"		CR II	O	C							
B-7	Flow METER 2	"	CR II	C	O							
B-8	"	"	CR II	C	O							

IP14_006513

ASME - TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: CONDENSATE P&ID# 2FWC-M2037

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-26	DA Recirc to Cond	Mezz - West Side C Condenser	CRI	O	C							
BV-27	" " " "	"	CRI	O	C							
1BV-90	" " " "	"	CRI	C	C							
BV-85	" " " "	"	N	O	C	C	C	mp				
BV-86	" " " "	"	N	O	C	C	C	mp				
3V-105)	-tell tale	"	N	C	C	C	C	mp				
BV-110	-tell tale	"	N	C	C	C	C	mp				
BV-24	APH CNDS Supply	Mezz above CGR pumps	N	O	C	C	C	mp				
BV-23	DA tank Belly Drn	11th floor	N	C	C	C	C	mp				
1BV-9	CNDS Bypass Htr 1	Mezz 1 floor SW turb-next to stairs	N	C	C	C	C	mp				
1BV-16	CNDS Bypass Htr 2	Mezz floor SW of manelev	N	C	C	C	C	mp				
1BV-17	CNDS Bypass Htr 3	5th floor SW Boiler	N	C	C	C	C	mp				
1BV-18	CNDS Bypass Htr 4	" "	N	C	C	C	C	mp				

IP14_006514

ASME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: CONDENSATE POLISHERS P+ID #2FWD-MJ038A/38B

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
3V-121 (38B)	MU to Regen Pumps	1st floor next to CNDS MU Bster Pump	CR III	O	C							Regen Pumps - off
3V-125	" " " "	"	CR III	O	C							make sure pu
1BV-76 (38A)	CNDS DEMIN 2A DRN	1st floor East of Demin	N	C	C	C	C					don't start
1BV-77	" " 2B "	"	N	C	C	C	C					
1BV-78	" " 2C "	"	N	C	C	C	C					
1BV-79	" " 2D "	"	N	C	C	C	C					
1BV-72	DM 2A Resin Xfer Valve	"	N	C	C	C	C					
1BV-73	" 2B " " "	"	N	C	C	C	C					
1BV-74	" 2C " " "	"	N	C	C	C	C					
1BV-75	" 2D " " "	"	N	C	C	C	C					

IP14_006515

[illegible] TURBINE PERFORMANCE TESTING UNIT "2 Test " 9 & 10
6193

Cycle Isolation Check off Sheets

Before Test-Isolation: Start 0200 End 0205 Name [illegible]

After Test-Isolation: Start _____ End _____ Date: 05/16/87

SYSTEM: STEAM CYCLE SAMPLING & ANALSIS P+ID# 2SAC-M2054A (1 of 2)

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	Position - Before Test As left	Position - Before Test Initials	Position - After Test As Found	Position - After Test As Left	Position - After Test Initial	Comments
BV-17	LAB SAMPLE #1 MU to Cond	Water Lab Panel Behind	CRII	O	C	O	C	[illegible]	C	O	DH	
BV-5	" BD		N		C	C	C	[illegible]	C	C		
BV-30	" Needle Valve		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-6	LAB SAMPLE #2 CP Disc BD		N		C	C	C	[illegible]	C	C		Sample #2 - OPEN
BV-19	LAB SAMPLE #3 Demin 1A Outlet		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-7	" BD		N		C	C	C	[illegible]	C	C		
BV-32	" Needle Valve		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-20	LAB SAMPLE #4 Demin 1B Outlet		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-8	" BD		N		C	C	C	[illegible]	C	C		
BV-33	" Needle Valve		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-21	LAB SAMPLE #5 Demin 1C Outlet		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-9	" BD		N		C	C	C	[illegible]	C	C		
BV-34	" Needle Valve		CRII	O	C	C	C	[illegible]	C	O	DH	
BV-22	LAB SAMPLE #6 Demin 1D Out		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-10	" BD		N		C	C	C	[illegible]	C	C		
BV-35	" Needle Valve		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-23	LAB SAMPLE #7 Cnds Polishing Out		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-11	" BD		N		C	C	C	[illegible]	C	C		
BV-36	" Needle Valve		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-1 (BV 25)	LAB SAMPLE #10 Cnds after Gland Cond	(Switching w/ #8)	CRII	O	C	O	C	[illegible]	C	O	DH	
BV-12	" BD		N		C	C	C	[illegible]	C	C		
BV-24	"		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-37	" Needle Valve		CRII	O	C	O	C	[illegible]	C	O	DH	
cont)								[illegible]				

IP14_006516

TESTING UNIT C Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: STM CYCLE SAMPLING + ANALYSIS P+ID # 2SAC-M2054A (2 of 2)

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	Position - Before Test As left	Position - Before Test Initials	Position - After Test As Found	Position - After Test As Left	Position - After Test Initials	Comments
BV-2	LAB SAMPLE 9 DA Inlet	WATER LAB - Behind Panel	CRII	O	C	C	C	[illegible]	C	C	DH	
BV-13	LAB SAMPLE 10 DA Outlet BD		N		C	C	C	[illegible]	C	C		Sample #10 - OP
BV-26	LAB SAMPLE 11 ECON INLET		CRII	O	C	O	C	[illegible]	C	O	DH	Sample #11 - close root valves
BV-14	" BD		N		C	C	C	[illegible]	C	C		
BV-39	" Needle Valve		CRII	O	C	O	C	[illegible]	C	O	DH	
BV-15	LAB SAMPLE 12 Drum BD		N	O	C	C	C	[illegible]	C	C	[illegible]	Sample #12 - OPEN
BV-3	LAB SAMPLE 13 Sat Stm		CRII	O	C	C	C	[illegible]	C	O	DH	Sample #13 - Close root valve
BV-4	LAB SAMPLE 14 Main Stm		CRII	O	C	C	C	[illegible]	C	C	DH	Sample #14 - close root valves
BV-16	" BD		N		C	C	C	[illegible]	C	C		
BV-26	"		CRII	O	C	C	C	[illegible]	C	O	DH	
BV-41	"		CRII	O	C	C	C	[illegible]	C	O	DH	
BV-107	Sample Recovery Pump Suction		N	O	C	C	C	[illegible]	C	C		
BV-110	Discharge		N	O	C	C	C	[illegible]	C	C	[illegible]	

IP14_006517

HDME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: STEAM GENERATOR P&ID# 2SGA-M2063A

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
1BV-142	BLR SB STM SUPPLY	18th floor East End - Middle Blr.	N	C	C	O	C	[illegible]	+ C	C	RoG	
BV-141	" " " "	"	N	O	C	O	C		+ C	O	Dma	
1BV-144	BLR SB Stm SUPPLY	"	N	C	C	C	C					
BV-143	" " " "	"	N	O	C	C	C					
1BV-24	CGR SB STM SUPPLY	"	N	C	C	C	C					
BV-17	" " " "	"	N	O	C	C	C					
1BV-140	RAH SB STM SUPPLY	18th floor West Side	N	C	C	C	C					
BV-139	" " " "	"	N	O	C	O	C		+ C	O	Dma	
1BV-194	STM SUPPLY AUX HDR	17th floor West Side	N	C	C	C	C					
BV-10	" " " "	"	CRII	O	C							
1CV-134	SH BYPASS TO RH	18th floor West Side	N	C	C	C	C	[illegible]				
1UV-133	" " " "	"	N	C	C	C	C					
1BV-135	" " " "	12th floor N West Side	N	C	C	C	C					
BV-125	" " " "	"	N	O	C	C	C					
BV-136	SH BYPASS to COND	Mezz floor West Cond IC	N	O	C	C	C					
BV-138	"	"	N	O	C	C	C					
BV-169	"	"	N	O	C	C	C					
BV-170	"	"	N	O	C	C	C					
BV-195	STM TRAP 2	16th west	CRII	O	C							

IP14_006518

ASME - TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: STEAM GENERATOR P&ID # 2SGA-M2063B

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As Left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-3	CONTINUOUS BLOW DOWN	18th E. END DRUM	CR II	O	C							
1BV-4	"	18th E. END DRUM	CR II	O	C							
BV-1	AUX STEAM SUPPLY	18th S. DRUM MIDDLE	CR II	O	C							
1BV-2	"	"	CR II	C	C							
BV-18	DRAIN TO BLOWDOWN HEADER	18th W. END BOILER DRUM	N	C	C	C	C	mp				
BV-19	FROM LG-2	"	N	C	C	C	C	mp				
BV-208	"	"	N	C	C	C	C	mp				
BV-25	DRAIN TO BLOWDOWN HEADER FROM LG-3	"	N	C	C	C	C	mp				
BV-26	"	"	N	C	C	C	C	mp				
BV-209	"	"	N	C	C	C	C	mp				
BV-31	DRAIN TO BLOWDOWN HEADER FROM PS-5	"	N	C	C	C	C	mp				
BV-32	"	"	N	C	C	C	C	mp				
BV-11	DRAIN TO BLOWDOWN FROM LG-1	18th E. END BOILER DRUM	N	C	C	C	C	mp				
BV-12	"	"	N	C	C	C	C	mp				
BV-207	"	"	N	C	C	C	C	mp				
BV-172	SAMPLE 13	18 S. SIDE DRUM	CR II	O	C							
BV-199	STM TRP 3	"	CR II	O	C							

IP14_006519

HSME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: AIR PREHEAT P&ID# 25GC-M2065

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-113	DA WATER SUPPLY	Basement @ APH Pumps	N	O	C	C	C					
BV-114	" " "	"	N	O	C	C	C					
BV-119	" " "	"	N	O	C	C	C					
BV-122	APH Recirc to Pump	"	N	O	C	C	C					
BV-123	" " "	"	N	O	C	C	C					
BV-130	APH EMGCY RTN COND	"	N	O	C	C	C					
BV-131	" " " "	"	N	O	C	C	C					
BV-140	APH RTN to DA	13½ floor-east	N	O	C	C	C					
3V-141	APH RTN to COND	Basement West Side	N	O	C	C	C					
3V-137	" " "	"	N	O	C	C	C					
3V-139	" " "	"	N	O	C	C	C					

IP14_006520

HOMER TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: BOILER VENTS AND DRAINS P&ID # 2SGF-M2068

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-28	LWR CONVECTION PASS HEADER DRAIN	10th WEST SIDE	CR	O	C							
BV-35	"	"	CR	O	C							
BV-41	SECONDARY SUPERHEAT OUTLET HEADER DRAIN	15th WEST SIDE	CR	O	C							
BV-43	SECONDARY SUPERHEAT INTERM. INLET HEADER	"	CR	O	C							
BV-45	"	"	CR	O	C							
BV-49	SECONDARY SUPERHEAT PLATEN OUTLET DRAIN	"	CR	O	C							
BV-51	ROOF INLET HEAD. DRAIN	"	CR	O	C							
BV-55	LWR. CONVEC. PASS HEADER DRAIN	10th EAST SIDE	CR	O	C							
BV-57	"	"	CR	O	C							
BV-65	DOWNCOMER DRAIN BLOW DOWN	2nd S. SIDE BOILER	CR	O	C							
BV-30	ECONOMIZER INLET HEADER DRAIN	10th WEST SIDE	N	C	C	C	C	MJP				
BV-33	REHEATER INLET HEADER DRAIN	" "	N	C	C	C	C	MJP				
MBV-29	LOWER CONVECTION PASS HDR. DRN.	4th floor	N	C	C	C	C	MJP				
BV-31	ECONOMIZER INLET HDR. DRAIN	" "	N	C	C	C	C	MJP				
BV-34	REHEATER INLET HDR. DRAIN	" "	N	C	C	C	C	MJP				
MBV-36	LOWER CONVECTION PASS HDR. DRN	" "	N	C	C	C	C	MJP				
BV-38	REHEATER OUTLET HDR. DRAIN	" "	N	C	C	C	C	MJP				
BV-40	"	" "	N	C	C	C	C	MJP				
MBV-42	SECONDARY SUPERHEAT OUTLET HDR. DRN	" "	N	C	C	C	C	MJP				
MBV-44	SECONDARY SPRHTR INTERMED INLET DR.	" "	N	C	C	C	C	MJP				
MBV-46	"	" "	N	C	C	C	C	MJP				
BV-48	ECONOMIZER DISCH. HDR. DRN	" "	N	C	C	C	C	MJP				
MBV-50	SECONDARY SPRHTR PLATEN INLET HDR DR		N	C	C	C	C	MJP				
MBV-52	ROOF INLET HDR. DRAIN		N	C	C	C	C	MJP				

IP14_006521

TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: BOILER VENTS & DRAINS P&ID # 2SGF-M2068 (CONT.)

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-54	EAST ECONOMIZER DISCH HDR. DRN.	4th FLOOR	N	C	C	C	C	mp				
MBV-56	LOWER CONVECTION PASS HDR. DRAIN	"	N	C	C	C	C	mp				
MBV-58	"	"	N	C	C	C	C	mp				
MBV-66	DOWNCOMER DRAIN MANIFOLD DRAIN	2ND S. BOILER	N	C	C	C	C	mp				
BV-59	WEST END DOWNCOMER DRAIN	"	N	C	C	C	C	mp				
BV-60	"	"	N	C	C	C	C	mp				
BV-61	WEST SHELL DOWNCOMER DRAIN	"	N	C	C	C	C	mp				
BV-62	"	"	N	C	C	C	C	mp				
BV-63	CENTER SHELL DOWNCOMER DRAIN	"	N	C	C	C	C	mp				
BV-64	"	"	N	C	C	C	C	mp				
BV-67	EAST SHELL DOWNCOMER DRAIN	"	N	C	C	C	C	mp				
BV-68	"	"	N	C	C	C	C	mp				
BV-69	EAST END DOWNCOMER DRAIN	"	N	C	C	C	C	mp				
BV-70	"	"	N	C	C	C	C	mp				
BV-37	REHEATER OUTLET HDR	15th west	N	C	C	C	C	mp				
BV-39	" " "	"	N	C	C	C	C	mp				
BV-47	ECONOMIZER DISCH. LINE	"	N	C	C	C	C	mp				
BV-53	"	"	N	C	C	C	C	mp				

IP14_006522

HOME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: MAIN STEAM P+ID # 25GG-M2069

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
1BV-9	HP STM to BFPT 1A	Turb Deck NE Corner on BFPT1A	CRI	O	C							
1BV-10	HP STM to BFPT 1B	Turb Deck SW on BFPT1B	CRI	O	C							
BV-23	MBV-9 Bypass	Turb Deck BFPT1A NE	N	C	C	C	C					
BV-24	MBV-10 Bypass	Turb Deck BFPT 1B SW	N	C	C	C	C					
BV-58	MStm WARMING LINE	Mezz Deck East of MCC 2A03	CRII	O	C							
MCV-18	" " "	"	N	C	C	C	C					
1BV-17	" " "	"	N	C	C	C	C					
1BV-11	BFPT HPSTM DRN to BD Tank	Mezz Floor Under Mstm Line NE	N	C	C	C	C					
1BV-12	" "	"	N	C	C	C	C					
1BV-55	" "	"	N	C	C	C	C					
1BV-56	" "	"	N	C	C	C	C					
1BV-13	MStm DRN to BD Tank	"	N	C	C	C	C					
1BV-14	" " "	"	N	C	C	C	C					
1BV-25	" " "	"	N	C	C	C	C					
1BV-26	" " "	"	N	C	C	C	C					
1BV-21	MStm Vent to Atm	14th floor middle	N	C	C	C	C					
BV 15	SAMPLE 14	MEZZ E. END	CRII	O	C							
BV 16	"	MEZZ E END	CRII	O	C							

IP14_006523

ASME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-18

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: SOOT BLOWING P+ID# 25GI-M2070

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	Position - Before Test As left	Position - Before Test Initials	Position - After Test As Found	Position - After Test As Left	Position - After Test Initials	Comments
ACV-26	SECONDARY SUPERHTR. PLATEN OUTLET HDR.	18th WEST SIDE BOILER	N		C	O	C	[illegible]				DISABLE SOOT
ACV-25	"	18th EAST SIDE BOILER	N		C	C	C					BLOWING SYSTEM
ACV-3	SECONDARY SUPERHTR. OUTLET HDR.	18th WEST SIDE BOILER	N		C	C	C					AT CONTROL
ACV-4	"	"	N		C	C	C					PANEL
MBV-35	HP EXTRACTION DRAIN HDR.	4th S.E. Side BOILER	N		C	C	C					
MBV-178	"	1½ floor N.E side of BOILER (M201)	N		C	C	C					

IP14_006524

ASME Turbine Performance Testing Unit #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: REHEAT SYSTEM P+ID# 2SGJ-M2071

alve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
3V-56	Steam trap 1 inlet isol. vlv.	GF 204-B	CRII	O	C							
3V-57	Steam trap 1 outlet isol vlv.	"	CRII	O	C							
MBV-16	Hot Reheat drain to desprhtr 3	GF - 204-C	N	C	C	C	C	mp				
MBV-14	"	"	N	C	C	C	C	mp				
MBV-18	Cold Reheat drn to desprhtr 2	GF - 204-B	N	C	C	C	C	mp				
ACV-58	Attemperator spray water from BFPT's	7th floor east elev.	N	C	C	C	C	mp				
ABV-66	"	"	N	C	C	C	C	mp				
ACV-59	"	"	N	C	C	C	C	mp				
ABV-67	"	"	N	C	C	C	C	mp				
BV-90	Cond to CRH desprhtr 2	MEZZ	CRII	O	C							

IP14_006525

MOME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: EXTRACTION TRAPS & DRAINS P&ID # 2TEC-M2075

CRITICAL VALVES (1/4)

Valve #	Description		Location	Class	Position Normal	Position Test	Position - Before Test As Found	As Left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-27	LP HTR 2	LP TURB SECTION 1B	BSMT. N.W. CORNER OF CONDENSER ON BOTTOM ROW	CRIII	O	C							
BV-31	LP HTR 2			CRIII	O	C							
BV-35	LP HTR 3			CRIII	O	C							
BV-39	LP HTR 3			CRIII	O	C							
BV-43	LP HTR 4			CRIII	O	C							
BV-47	LP HTR 4			CRIII	O	C							
BV-3	LP HTR 2	LP TURB SECTION 1A	BSMT N.E CORNER OF CONDENSER	CRIII	O	C							
BV-7	LP HTR 2			CRIII	O	C							
BV-11	LP HTR 3			CRIII	O	C							
BV-15	LP HTR 3			CRIII	O	C							
BV-19	LP HTR 4			CRIII	O	C							
BV-23	LP HTR 4			CRIII	O	C							
BV-51	LP HTR 2	LP TURB. SECTION 1C	BSMT. N.W. CORNER OF CONDENSER TOP ROW	CRIII	O	C							
BV-55	LP HTR 2			CRIII	O	C							
BV-59	LP HTR 3			CRIII	O	C							
BV-63	LP HTR 3			CRIII	O	C							
BV-67	LP HTR 4			CRIII	O	C							
BV-71	LP HTR 4			CRIII	O	C							
BV-65	LT. HTR 4		BSMT. N.W CORNER CONDENSER CEILING	CRIII	O	C							
BV-73	HP HTR's 8A & 8B		GF - East of LUBE OIL CENT	CRI	O	C							
BV-79	HP HTR 8A		"	CRI	O	C							
BV-75	HP HTR's 8A & 8B		"	CRI	O	C							
BV-81	HP HTR 8A		"	CRI	O	C							
BV-105	HP HTR 6B			CRI	O	C							

IP14_006526

[illegible] TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: EXTRACTION TRAPS & DRAINS P+ID# 2TEC-M2075

CRITICAL VALVES (Cont.) 2/4

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	Position - Before Test As left	Position - Before Test Initials	Position - After Test As Found	Position - After Test As Left	Position - After Test Initials	Comments
BV-121	EXTRAC. REPT 1A & 1B	GF EAST OF LUBE OIL CENT	CRI	O	C							

IP14_006527

UNIT C Test " 7-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____

After Test-Isolation: Start _____ End _____

Name _____

Date: _____

SYSTEM: EXTRACTION TRAPS & DRAINS P&ID# 2TEC-M2075 pg 3 of 4

NON-CRITICAL VALUES

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
TEC-ACV-74	HP HTRS 8A & 8B EXTRACTION DRAIN	GF BY Lo CONT.	N	C	C	C	C	[illegible]				
ACV-80	HP HTR 8A EXTRACTION DRAIN	"	N	C	C							
ACV-86	HP HTR 8B EXTRACTION DRN.	"	N	C	C							
ACV-92	HP HTRS 6A & 6B EXTRCT. DRN	"	N	C	C							
ACV-98	HP HTR 6A EXTRCT. DRN.	"	N	C	C							
ACV-104	HP HTR 6B EXTRCT. DRN.	"	N	C	C							
ACV-140	BFPT 1B EXTRCT DRN.	"	N	C	C							
ACV-134	BFPT 1A EXTRCT. DRN.	"	N	C	C							
ACV-128	DEA HTR 5 EXTRCT. DRN.	"	N	C	C							
ACV-122	BFPT 1A & 1B EXTRCT DRN.	"	N	C	C							
ACV-116	DEA HTR 5 EXTRCT. DRN.	"	N	C	C							
ACV-110	"	"	N	C	C							
ACV-26	LP HTR 2 EXTRCT DRN	GF NWEST OF LP COND	N	C	C							
ACV-30	"	"	N	C	C							
ACV-34	LP HTR 3 EXTRCT DRN	"	N	C	C							
ACV-38	"	"	N	C	C							
ACV-42	LP HTR 4 EXTRCT DRN	"	N	C	C							
ACV-46	"	"	N	C	C							
ACV-50	LP HTR 2 EXTRACTION DRN	"	N	C	C							
ACV-54	"	"	N	C	C							
ACV-58	LP HTR 3 EXTRACTION DRN	"	N	C	C							
ACV-62	"	"	N	C	C							
ACV-66	LP HTR 4 EXTRACTION DRN	"	N	C	C							
ACV-70	"	"	N	C	C							

IP14_006528

[illegible] TESTING UNIT C Test " [illegible]

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: EXTRACTION TRAPS & DRAINS P+ID# 2TEC-M2075 pg. 4 of 4

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	Position - Before Test As left	Position - Before Test Initials	Position - After Test As Found	Position - After Test As Left	Position - After Test Initials	Comments
ACV-2	LP HTR 2 EXTRACTION DRN	GF WEST OF 4/0 CENT.	N	C	C	C	C	[illegible]				
ACV-6	"	"	N	C	C	C	C					
ACV-10	LP HTR 3 EXTRACTION DRN	"	N	C	C	C	C					
ACV-14	"	"	N	C	C	C	C					
ACV-18	LP HTR 4 EXTRACTION DRN	"	N	C	C	C	C					
ACV-22	"	"	N	C	C	C	C					
ACV-146	BFPT to LP COND 1C	2ND	N	C	C	C	C					
ACV-152	BFPT to HP COND 1A	"	N	C	C	C	C					
BV-163	MISC. DRAINS RECV. TANK DRN	GF MISC. DRAINS RECVR.	N	C	C	C	C					

IP14_006529

HOME TURBINE PERFORMANCE TESTING UNIT #2 Test # 6-18

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: HIGH PRESSURE HEATER DRAINS P&ID # 2TED-M2076

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
3V-20	HTR 8A ALTN (HI LEVEL) DUMP	Ground Floor East Side Cond 1A	CRI	O	C							
3V-19	"	"	CRI	O	C							
3V-22	HTR 8B ALTN (HI LEVEL) DUMP	"	CRI	O	C							
3V-21	"	"	CRI	O	C							
3V-28	HTR 7A ALTN (HI LEVEL) DUMP	"	CRI	O	C							
3V-27	"	"	CRI	O	C							
3V-30	HTR 7B ALTN (HI LEVEL) DUMP	"	CRI	O	C							
3V-29	"	"	CRI	O	C							
BV-36	HTR 6A ALTN (HI LEVEL) DUMP	"	CRI	O	C							
BV-35	"	"	CRI	O	C							
3V-38	HTR 6B ALTN (HI LEVEL) DUMP	"	CRI	O	C							
3V-37	"	"	CRI	O	C							
ICV-13	HP Htr Drains Pump 1A Recirc	3rd Floor Near HP Htr 6A	N	C	C	C	C	mp				
ICV-14	" 1B	" 6B	N	C	C	C	C	mp				

IP14_006530

HOME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: LOW PRESSURE HEATER DRAINS P&ID# 2TEE-M2077 / 2FWF-M2040

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-17	Htr 4 ALTN (HI LEVEL) DUMP	Mezz floor West side Cond IC	CRI	O	C							
BV-9	"	"	CRI	O	C							
BV-19	Htr 3 ALTN (HI LEVEL) DUMP	Ground floor West Side Cond IC	CRI	O	C							
BV-11	"	"	CRI	O	C							
BV-21	Htr 2 ALTN (HI LEVEL) DUMP	"	CRI	O	C							AT LOW LOAD MAY LEAVE ALT DRN VLV to LP HTR 2 OPEN & CLOSE NORMAL DRAIN RV-12, 20
BV-13	"	"	CRI	O	C							
BV-22	FLASH TANK ALTN (HI LEVEL) DUMP	Ground floor SW Corner Cond IC	CRI	O	C							
BV-15	"	"	CRI	O	C							
BV-129	Cycle MU to LP DRNS	Ground floor @ DRN COOLER	N	C	C	C	C	[illegible]				
FWF (M2040)												
BV-66	Cycle MU to LP DRNS	Ground floor Overhead So. of DRNCLR	N	O	C	C	C	[illegible]				

IP14_006531

ASME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: HEATER VENTS & MISCELLANEOUS DRAINS P&ID # 2TEF-M2078A page 1 of 2

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-3	DEA HTR 5 CONTINUOUS VENT to ATM	14th	CR II	O	C							
BV-7	"	"	CR II	O	C							
BV-11	"	"	CR II	O	C							
BV-75	CONTINUOUS VENT HP HTR 8A TO DEA 5	6th	CR II	O	C							
BV-76	HP HTR 7A CONTINUOUS VENT TO DEA HTR 5	5th	CR II	O	C							
BV-77	HP HTR 6A CONTINUOUS VENT TO DEA HTR 5	3rd	CR II	O	C							
BV-80	"	"	CR II	O	C							
BV-79	HP HTR 7A	5th	CR II	O	C							
BV-78	HP HTR 8A	6th	CR II	O	C							
BV-85	HP HTR 6A S/U VENT TO DEA HTR 5	3rd	N	C	C	C	C	mp				
BV-86	"	"	N	C	C	C	C	mp				
BV-91	HP HTR 6B S/U VENT TO DEA HTR 5	"	N	C	C	C	C	mp				
BV-92	"	"	N	C	C	C	C	mp				
BV-83	HP HTR 7A S/U VENT TO DEA HTR 5	5th	N	C	C	C	C	mp				
BV-84	"	"	N	C	C	C	C	mp				
BV-89	HP HTR 7B S/U VENT TO DEA HTR 5	"	N	C	C	C	C	mp				
BV-90	"	"	N	C	C	C	C	mp				
BV-81	HP HTR 8A S/U VENT TO DEA HTR 5	6th	N	C	C	C	C	mp				
BV-82	"	"	N	C	C	C	C	mp				
BV-87	HP HTR 8B S/U VENT TO DEA HTR 5	"	N	C	C	C	C	mp				
BV-88	"	"	N	C	C	C	C	mp				
BV-2	DEA HTR 5 Bypass CONTINUOUS VENT TO ATMOS	14th	N	C	C	C	C	mp				
BV-4	"	"	N	C	C	C	C	mp				
BV-6	"	"	N	C	C	C	C	mp				

IP14_006532

ASME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: HEATER VENTS & MISCELLANEOUS DRAINS P&ID# 2TEF-M2078A page 2 of 2

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-8	DEA HTR 5 Bypass CONTINUOUS VNT TO ATMS	14th	N	C	C	C	C	mp				
BV-10	"	"	N	C	C	C	C	mp				
BV-12	"	"	N	C	C	C	C	mp				
BV-14	"	"	N	C	C	C	C	mp				

IP14_006533

ASME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: HEATER VENTS & MISCELLANEOUS DRAINS P&ID # 2 TEF-M2078B

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-162	LP HTR 4 CONT. VENT	5th	CRII	O	C							
BV-163	LP HTR 3 CONT VENT	3RO	CRII	O	C							
BV-170	LP HTR 3 S/u VENT TO COND	"	N	C	C	C	C	mp				
BV-171	LP HTR 2 S/u VENT TO COND	MezZ	N	C	C	C	C	mp				
BV-174	LP HTR 1A S/u VENT TO COND	"	N	C	C	C	C	mp				
BV-173	LP HTR 1B S/u VENT	"	N	C	C	C	C	mp				
BV-172	LP HTR 1C S/u VENT	"	N	C	C	C	C	mp				
BV-168	DRAIN COOLER 1 VENT TO COND	GF	N	C	C	C	C	mp				
BV-169	LP HTR 4 S/u VENT	5th	N	C	C	C	C	mp				

IP14_006534

HSME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: TURBINE P&ID# 2TGA-M2079

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
TGA-BV-5	SPRAY SUPPLY VLV FROM CONDENSING	3rd BY GE TRAILER	CRII	O	C							

IP14_006535

TURBINE PERFORMANCE TESTING UNIT "2 Test # 9-10

Cycle Isolation Check off Sheets

Name _____

Before Test-Isolation: Start _____ End _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: TURBINE SEALS & DRAINS P&ID # 2TGC-M2080A

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
BV-58	aux. STEAM TO COLD REHEAT	MEZZ. top of VALVE DECK	CRII	O	C							
BV-10	MAIN STEAM TO TURBINE seals & DRNS	MEZZ. MN STEAM	CRI	O	C							
MBV-16	aux. STEAM to COLD REHEAT	MEZZ. top of VALVE DECK	N	C	C	C	C	MJ				
ACV-5	aux. STEAM to STEAM SEAL HDR	"	N	C	C	C	C	MJ				
MBV-6	"	"	N	C	C	C	C	MJ				
ACV-17	HP TURBINE LEAKOFF to STEAM SEAL HDR	"	N	O	C	C	C	MJ				
ACV-1	MAIN STEAM to STEAM SEAL HDR	"	N	O	C	C	C	MJ				
MBV-2	"	"	N	O	C	C	C	MJ				
MBV-3	"	"	N	O	C	C	C	MJ				
BV-25	COND. TO STEAM SEAL DSPRHTR 1	MEZZ - STEAM PACKING EXHAUSTER	N	C	C	C	C	MJ				

IP14_006536

ASME TURBINE PERFORMANCE TESTING UNIT #2 Test # 9-10

Cycle Isolation Check off Sheets

Before Test-Isolation: Start _____ End _____ Name _____

After Test-Isolation: Start _____ End _____ Date: _____

SYSTEM: TURBINE SEALS & DRAINS P&ID# 2TGC-M2080B

Valve #	Description	Location	Class	Position Normal	Position Test	Position - Before Test As Found	As left	Initials	Position - After Test As Found	As Left	Initials	Comments
MBV-31	COMBINED REHEAT VALVE 1A3 AFTER SEAT DRN	MEZZ	N	O	C	C	C	[illegible]				
MBV-32	COMB. REHEAT VLV 1B3 AFTER SEAT DRN	"	N	O	C	C	C	[illegible]				
MBV-33	MN. STM. STOP VLV. 1A1 BEFORE SEAT DRN	"	N	O	C	C	C	[illegible]				
MBV-37	TURB. CNTRL VLV 1A2 BEFORE SEAT DRN	"	N	O	C	C	C	[illegible]				
MBV-34	MN. STM STOP VLV 1B1 BSD	"	N	O	C	C	C	[illegible]				
MBV-38	TURB. CNTRL VLV 1B2 BSD	"	N	O	C	C	C	[illegible]				
MBV-35	MN. STEAM STOP VLV. 1C1 BSD	"	N	O	C	C	C	[illegible]				
MBV-39	TURB CNTRL VLV. 1C2 BSD	"	N	O	C	C	C	[illegible]				
MBV-36	MN. STEAM STOP VLV. 1D1 BSD	"	N	O	C	C	C	[illegible]				
MBV-40	TURB. CONTROL VLV. 1D2 BSD	"	N	O	C	C	C	[illegible]				
MBV-49	DRAIN HDR CONTROL VLV	GF	N	O	C	C	C	[illegible]				