

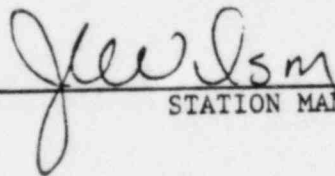
VIRGINIA ELECTRIC AND POWER COMPANY

SURRY POWER STATION

MONTHLY OPERATING REPORT

REPORT NO. 83-02

APPROVED BY:



STATION MANAGER

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OPERATING DATA REPORT

LOCKET NO. 50-280
DATE 03 MAR 83
COMPLETED BY Vivian H. Jones
TELEPHONE 804-357-3184

OPERATING STATUS

1. UNIT NAME	SURRY UNIT 1
2. REPORTING PERIOD	20183 TO 22883
3. LICENSED THERMAL POWER (MWT)	2441
4. NAMEPLATE RATING (GROSS MWE)	647.5
5. DESIGN ELECTRICAL RATING (NET MWE)	788
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE)	811
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE)	775
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS	N/A

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY (NET MWE)	N/A
10. REASONS FOR RESTRICTIONS, IF ANY	N/A

THIS MONTH YR-TO-DATE CUMULATIVE

11. HOURS IN REPORTING PERIOD	672.0	1416.0	89304.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	165.8	909.8	54821.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	3765.2
14. HOURS GENERATOR ON-LINE	165.8	909.8	53764.5
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	3736.2
16. GROSS THERMAL ENERGY GENERATED (MWH)	342540.7	2108171.0	124786770.9
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	112610.0	674215.0	40280258.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	106337.0	638780.0	38199243.0
19. UNIT SERVICE FACTOR	24.7 %	64.3 %	60.2 %
20. UNIT AVAILABILITY FACTOR	24.7 %	64.3 %	64.4 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	20.4 %	58.2 %	55.2 %
22. UNIT CAPACITY FACTOR (USING DER NET)	20.1 %	57.2 %	54.3 %
23. UNIT FORCED OUTAGE RATE	0.0	0.0	22.6 %
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)			

25. IF SHUT DOWN AT END OF REPORT PERIOD,
ESTIMATE DATE OF STARTUP

26. UNITS IN TEST STATUS
(PRIOR TO COMMERCIAL OPERATION)

FORECAST ACHIEVED

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

OPERATING DATA REPORT

LOCKET NO. 50-281
DATE 03 MAR 83
COMPLETED BY Vivian H. Jones
TELEPHONE 604-357-3184

OPERATING STATUS

1. UNIT NAME SURRY UNIT 2
2. REPORTING PERIOD 20163 TO 22863
3. LICENSED THERMAL POWER (MWT) 2441
4. NAMEPLATE RATING (GROSS MWE) 847.5 NOTES
5. DESIGN ELECTRICAL RATING (NET MWE) 768
6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE) 811
7. MAXIMUM DEPENDABLE CAPACITY (NET MWE) 775
8. IF CHANGES OCCUR IN CAPACITY RATINGS N/A
(ITEMS 3 THROUGH 7) SINCE LAST
REPORT, GIVE REASONS

9. POWER LEVEL TO WHICH RESTRICTED, IF ANY N/A
(NET MWE)
10. REASONS FOR RESTRICTIONS, IF ANY N/A

THIS MONTH YR-TO-DATE CUMULATIVE

11. HOURS IN REPORTING PERIOD	672.0	1416.0	86184.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	669.0	1413.0	54087.5
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	661.2	1405.2	53249.3
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1605908.2	3411002.9	124652349.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWE)	518575.0	1104920.0	40587039.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	492412.0	1048264.0	38469185.0
19. UNIT SERVICE FACTOR	98.4 %	99.2 %	61.8 %
20. UNIT AVAILABILITY FACTOR	98.4 %	99.2 %	61.8 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	94.5 %	95.5 %	57.6 %
22. UNIT CAPACITY FACTOR (USING DER NET)	93.0 %	93.9 %	56.6 %
23. UNIT FORCED OUTAGE RATE	1.6 %	0.8 %	15.0 %
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS	REFUELING/10 YEAR ISI		
(TYPE, DATE, AND DURATION OF EACH)	05-01-83 - 74 DAYS		
	N		

25. IF SHUT DOWN AT END OF REPORT PERIOD,
ESTIMATE DATE OF STARTUP
26. UNITS IN TEST STATUS
(PRIOR TO COMMERCIAL OPERATION)

FORECAST ACHIEVED

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1983

DOCKET NO. 50-280
 UNIT NAME Surry I
 DATE 03-07-83
 COMPLETED BY Vivian H. Jones
 TELEPHONE 357-3184

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
83-01	02-07-83	S	506.2	A	3	83-010/03L-0 83-003/01T-0	RC WA	Fuel XX Valve XX	While reducing power for scheduled refueling outage the reactor tripped on a steam flow feed flow mismatch coincident with a low level in "C" S/G. The low level was a result of feed control problems and will be corrected prior to startup.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

⁴
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

⁵
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February, 1983

DOCKET NO. 50-281
 UNIT NAME Surry II
 DATE 03-07-83
 COMPLETED BY Vivian H. Jones
 TELEPHONE 357-3184

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
83-01	02-08-83	F	0.0	A	4				Dropped rod turbine runback initiated from NI-41. Caused by a failure of NI-41, did not have a dropped rod.
83-02	02-08-83	F	10.8	A	3	83-007/03L-0	IB	INSTR	Reactor trip due to loss of condenser vacuum, the aux. steam PCV failed to open after runback, causing a loss of aux. steam to air ejectors.

1
 F: Forced
 S: Scheduled

2
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

3
 Method:
 1-Manual
 2-Manual Scram.
 3-Automatic Scram.
 4-Other (Explain)

4
 Exhibit G - Instructions
 for Preparation of Data
 Entry Sheets for Licensee
 Event Report (LER) File (NUREG-
 0161)

5
 Exhibit I - Same Source

DOCKET NO 50-280
UNIT SURRY I
DATE 3-1-63
COMPLETED BY Vivian H. Jones

AVERAGE DAILY UNIT POWER LEVEL

MONTH: FEBRUARY 63

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	664.3	15	0.0
2	648.1	16	0.0
3	656.5	17	0.0
4	641.8	18	0.0
5	641.3	19	0.0
6	616.8	20	0.0
7	561.9	21	0.0
8	0.0	22	0.0
9	0.0	23	0.0
10	0.0	24	0.0
11	0.0	25	0.0
12	0.0	26	0.0
13	0.0	27	0.0
14	0.0	28	0.0

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

ON THIS FORM, LIST THE AVERAGE DAILY UNIT POWER LEVEL IN MWE-NET FOR EACH DAY IN THE REPORTING MONTH. THESE FIGURES WILL BE USED TO PLOT A GRAPH FOR EACH REPORTING MONTH. NOTE THAT BY USING MAXIMUM DEPENDABLE CAPACITY FOR THE NET ELECTRICAL RATING OF THE UNIT, THERE MAY BE OCCASIONS WHEN THE DAILY AVERAGE POWER EXCEEDS THE 100 % LINE (OR THE RESTRICTED POWER LEVEL LINE). IN SUCH CASES, THE AVERAGE DAILY UNIT POWER OUTPUT SHEET SHOULD BE FOOTNOTED TO EXPLAIN THE APPARENT ANOMALY.

DOCKET NO 50-281
UNIT SURRY II
DATE 3-1-63
COMPLETED BY Vivian H. Jones

AVERAGE DAILY UNIT POWER LEVEL

MONTH: FEBRUARY 63

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	745.9	15	750.4
2	744.5	16	749.8
3	741.5	17	752.3
4	742.0	18	748.7
5	741.7	19	750.3
6	742.3	20	751.8
7	743.1	21	751.7
8	936.6	22	747.5
9	733.9	23	749.6
10	747.6	24	752.5
11	746.0	25	751.9
12	746.5	26	749.0
13	747.0	27	750.2
14	746.0	28	752.7

DAILY UNIT POWER LEVEL FORM INSTRUCTIONS

ON THIS FORM, LIST THE AVERAGE DAILY UNIT POWER LEVEL IN MWE-NET FOR EACH DAY IN THE REPORTING MONTH. THESE FIGURES WILL BE USED TO PLOT A GRAPH FOR EACH REPORTING MONTH. NOTE THAT BY USING MAXIMUM DEPENDABLE CAPACITY FOR THE NET ELECTRICAL RATING OF THE UNIT, THERE MAY BE OCCASIONS WHEN THE DAILY AVERAGE POWER EXCEEDS THE 100 % LINE (OR THE RESTRICTED POWER LEVEL LINE). IN SUCH CASES, THE AVERAGE DAILY UNIT POWER OUTPUT SHEET SHOULD BE FOOTNOTED TO EXPLAIN THE APPARENT ANOMALY.

SUMMARY OF OPERATING EXPERIENCE
FEBRUARY, 1983

Listed below is a summary of operating experiences for this month which required load reductions or resulted in significant non-load related incidents.

UNIT ONE

February 1	0000	This reporting period begins with the unit at 90% power, on the end of life power coastdown.
February 7	2009	Commenced power rampdown from 84% power for the refueling outage.
	2145	Turbine trips/reactor trip at 60% power. Cause of trip was "C" steam generator low level with a steam/feed flow mismatch.
February 9	0305	Reactor coolant system <350°F/450 psig.
	1015	Reactor coolant system <200°F.
	1515	Commenced containment purge.
February 10	0015	Reactor coolant system is solid.
	0730	Reactor coolant system is degassed <5cc/kg.
February 14	2057	Completed steam generator hydro's.
February 15	1315	Reactor coolant system is drained to mid-nozzle.
	2228	Reactor coolant system is borated to a refueling shutdown condition.
February 16	1242	Commenced reactor head evacuation.

SUMMARY OF OPERATING EXPERIENCE
FEBRUARY, 1983

Listed below is a summary of operating experiences for this month which required load reductions or resulted in significant non-load related incidents.

UNIT TWO

February 1	0000	This reporting period begins with the unit at 100% power.
February 2	1745	#3 diesel is declared inoperable. This failure along with the "2C" high level screen being stopped causes a loss of two recirc. spray heads, starting a six hour clock to HSD.
	2226	The stop log is removed from "2C" high level screen. Stop the six hour clock.
February 8	0600	Turbine runback, NI-41 indicated a dropped rod. Runback to 350 mw's. Had no actual dropped rod.
	0611	Turbine trip/reactor trip caused by low condenser vacuum.
	0912	Reactor is critical.
	1657	Generator on the line.
	2241	Unit is at 100% power.

AMENDMENTS TO FACILITY LICENSE OR TECHNICAL SPECIFICATIONS
FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

FACILITY CHANGES REQUIRING
NRC APPROVAL
FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

FACILITY CHANGES THAT
DID NOT REQUIRE NRC APPROVAL
FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

TESTS AND EXPERIMENTS REQUIRING
NRC APPROVAL
FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

TESTS AND EXPERIMENTS THAT
DID NOT REQUIRE NRC APPROVAL
FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

OTHER CHANGES, TESTS AND EXPERIMENTS
FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

CHEMISTRY REPORT

January 19 83

T.S. 6.6.3.d

PRIMARY COOLANT ANALYSIS	UNIT NO. 1			UNIT NO. 2		
	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE
Gross Radioact., $\mu\text{Ci/ml}$	(A) 4.35^0	(A) 2.67^0	(A) 3.47^0	4.57^{-1}	1.87^{-1}	3.01^{-1}
Suspended Solids, ppm	0.1	0.1	0.1	0.1	0.1	0.1
Gross Tritium, $\mu\text{Ci/ml}$	7.15^{-2}	2.00^{-2}	5.69^{-2}	1.59^{-1}	1.02^{-1}	1.30^{-1}
Iodine-131, $\mu\text{Ci/ml}$	(A) 1.67^{-1}	(A) 7.82^{-2}	(A) 1.04^{-1}	3.35^{-3}	1.30^{-4}	1.06^{-3}
I-131/I-133	1.1587	.5293	.7282	1.5909	.1345	.5141
Hydrogen, cc/kg	30.3	(B) 9.4	25.1	48.5	15.3	35.1
Lithium, ppm	.59	(C) .10	0.37	1.45	.82	1.00
Boron-10, ppm +	5.29	(D) .20	1.47	75.46	61.54	68.01
Oxygen-16, ppm	.000	.000	.000	.000	.000	.000
Chloride, ppm	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
pH @ 25°C	8.99	7.18	8.17	7.08	6.74	6.87

+ Boron-10 = Total Boron x 0.196

NON-RADIOACTIVE CHEMICAL (E)
RELEASES, POUNDS
T.S. 4.13.A.6

Phosphate	-	Boron	709
Sulfate	-	Chromate	0.0
50% NaOH	-	Chlorine	-0-

REMARKS: (A) Activities reflect known failed fuel. (B) hydrogen total gas <25 cc/kg. on 1/12 and 1/26; (C) lithium added 1/7 83, 1/25/83, and 1/29/83

? ppm minimum due to primary dilution 1/25. (D) Low Boron indicates end of core life.

(E) the level of these chemicals should not produce

any adverse environmental impact. Unit one approaching end of core life. Coming down in power to 90% 1/31. Deboring IX placed in service 1/27;83 @ 0525.

CHEMISTRY REPORT

Feb. 19 83

T.S. 6.6.3.d

PRIMARY COOLANT ANALYSIS	UNIT NO. 1			UNIT NO. 2		
	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE
Gross Radioact., $\mu\text{Ci/ml}$	(A) 8.81^0	(B) 1.21^{-2}	(A) 1.88^0	4.74^{-1}	2.11^{-1}	3.40^{-}
Suspended Solids, ppm	0.1	0.1	0.1	0.1	0.1	0.1
Gross Tritium, $\mu\text{Ci/ml}$	3.51^{-2}	2.02^{-2}	2.84^{-2}	1.60^{-2}	1.05^{-1}	1.32^{-}
Iodine-131, $\mu\text{Ci/ml}$	(A) 7.01^0	(B) 5.23^{-4}	(A) 1.20^0	(E) 2.11^{-1}	8.78^{-4}	(E) 3.26^{-}
I-131/I-133	1.0549	.5702	.7443	1.4595	.4043	.8207
Hydrogen, cc/kg	42.3	(C) 2.3	(C) 14.8	43.1	31.7	38.1
Lithium, ppm	.97	.36	.51	(F) .98	(F) .53	(F) .81
Boron-10, ppm +	429.44	.196	193.87	74.09	49.20	57.43
Oxygen-16, ppm	(D) 3.400	.000	(D) 1.620	.000	.000	.000
Chloride, ppm	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
pH @ 25°C	8.93	(D) 4.72	(D) 6.02	6.95	6.65	6.87

+ Boron-10 = Total Boron x 0.196

NON-RADIOACTIVE CHEMICAL (G) RELEASES, POUNDS T.S. 4.13.A.6

Phosphate <u>-</u>	Boron <u>735</u>
Sulfate <u>-</u>	Chromate <u>0.0</u>
50% NaOH <u>-</u>	Chlorine <u>-0-</u>

REMARKS: (A) High activities reflect failed fuel; (B) Reactor shutdown for refueling; (C) Unit de-gassing for re-fueling outage; (D) Reactor shutdown, temp. < 250°F; (E) Elevated Iodine-131 levels during power ascension from 0 to 10 following reactor trip. (F) Lithium concentration adjusted to Westinghouse recommendations by cation bed 2/7 (removal of Li) and by LiOH addition

Chemistry Report (Cont.)

2/10 (518 gms. added)(G) the level of these chemicals should not produce any adverse environmental impact.

Deborating IX in service since 1/27. Cation bed placed in service 2/9 for cesium removal. H_2O_2 added to system 2/9, 2/10, 2/11, 2/12, 2/13, 2/14, 2/15, 2/16.

DESCRIPTION OF ALL INSTANCES WHERE
THERMAL DISCHARGE LIMITS WERE EXCEEDED
FEBRUARY, 1983

Due to the impairment of the circulating water system on the following days, the thermal discharge limits were exceeded as noted.

February 1, 1983	Exceeded 15°F ΔT across station*
February 2, 1983	Exceeded 15°F ΔT across station*
February 3, 1983	Exceeded 15°F ΔT across station*
February 4, 1983	Exceeded 15°F ΔT across station*
February 5, 1983	Exceeded 15°F ΔT across station
February 6, 1983	Exceeded 15°F ΔT across station*
February 7, 1983	Exceeded 15°F ΔT across station*
February 12, 1983	Exceeded 15°F ΔT across station*
February 20, 1983	Exceeded 17.5°F ΔT across station*
February 22, 1983	Exceeded 15°F ΔT across station*

*Indicates dates where station ΔT was less than or equal to 15.0°F across station for some time during the day.

The ΔT excursions were allowable under Technical Specification 4.14.B.2. There were no reported instances of adverse environmental impact.

The temperature change at the station discharge exceeded 3°F per hour on the following dates and for noted reasons:

On February 7, 1983, due to a Unit 1 reactor trip and
On February 8, 1983, due to a Unit 2 reactor trip.

These events were allowable in accordance with Technical Specifications 4.14.B.1. There were no reported instances of adverse environmental impact.

FUEL HANDLING
UNIT 1

FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

FEBURARY, 1983

22

PROCEDURE REVISIONS THAT CHANGED THE
OPERATING MODE DESCRIBED IN THE FSAR

FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

DESCRIPTION OF PERIODIC TESTS WHICH WERE NOT
COMPLETED WITHIN THE TIME LIMITS
SPECIFIED IN TECHNICAL SPECIFICATIONS

FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

INSERVICE INSPECTION

FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

REPORTABLE OCCURRENCES PERTAINING TO
ANY OUTAGE OR POWER REDUCTIONS

FEBRUARY, 1983

SEE PAGES 3 and 4, THIS REPORT

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

MECHANICAL MAINTENANCE

FEBRUARY, 1983

UNIT1- 3/03/83
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

DATE	SYS	COMP	MARKNO	SUMMARY	WPKRF	J	MR	TOTL	WNTM
02/01/83	CH	PUMP	1-CH-P-10	PUMP TRIPS	CHIPPED BORIC ACID CRYSTALS	1	301290343	0	
02/02/83	SI	VALVE	TV-1884A	CLEAN VALVE PACKING AREA	VOID COMP ON MR1301231422	1	301281411	0	
02/04/83	CC	HX	1-CC-E-10	OPEN MANWAYS+CLEAN HX	CLEAN HEAT EXCHANGER	1	301250352	0	
02/04/83	FC	VALVE	1-FC-38	BORIC ACID ON FLANGED PART OF VLV	COMPLETED	1	301281112	0	
02/04/83	FC	VALVE	1-FC-44	BORIC ACID RESIDUE ON FLANGED	COMPLETED CLEANED VALVE OFF	1	301281113	0	
02/04/83	EX	MOTOR	N/A	UPPER AIR MOTOR PASSING AIR	CLEANED OUT AIR SYSTEM	1	302021730	0	
02/04/83	EX	PUMP	N/A	DIESEL DRIVE COOLING WATER PUMP	INSTALLED NEW MECH SEAL ASSEMBLY	1	302021731	0	
02/05/83	CC	MANWAY	1-CC-E-13	MANWAY ON E END LEAKS	WELDED UP ORING AREA	1	301280750	0	
02/09/83	CR	CRANK	CR-24	REPLACE SPKNT FUEL CRANE BRIDGE	REPLACED CABLE ON HOOK	1	301121500	0	
02/09/83	RS	BLANK	RO-RS111A+3	CONSTRUCT 2 BLANKS	FABRICATE + WELD PANCACK BLANKS FOR	1	301201019	0	
02/09/83	RS	BLANK	N/A	CONSTRUCT ONE FLANGE	FABRICATE FLANGE WITH PIPE NIPPLE	1	301201123	0	
02/09/83	SI	VALVE	1-SI-198	REPACK OR ADJUST PACKING	ADJUSTED PACKING	1	301231419	0	
02/09/83	FC	VALVE	1-FC-26	UNABLE TO CLOSE VALVE	TIGHTENED SETSCREWS	1	301252310	0	
02/09/83	GW	VALVE	1-PR-P-13	FITTING ON TOP OF COMPRESS LEAKS	REPLACED FITTING ON	1	301281130	0	
02/09/83	SI	VALVE	1-SI-7	CLEAN VALVE PACKING AREA	ADJUSTED PACKING CLEANED	1	301281412	0	
02/09/83	CH	PUMP	1-CH-P-23	PUMP TRIPS OFF ON HIGH AMPS	CLEANED OUT BORIC ACID	1	301290213	0	
02/09/83	SI	FLANGE	N/A	REQUIRE FLANGE FOR RV 1858A	MFG FLANGE	1	301310814	0	
02/09/83	SI	FLANGE	N/A	REQUIRE FLANGE FOR RV 18583	MFG FLANGE	1	301310615	0	
02/09/83	FP	PMP MTR	1-FP-P-1	PACKING GLAND IS COCKED	ADJUSTED PACKING GLANDS	1	302010700	0	
02/09/83	CS	FLANGE	1-CS-13	FABRICATE A BLANK FLANGE	FABRICATED FROM 1IN. PLATE	1	302021037	0	
02/09/83	CS	FLANGE	3/4-DA-239-152	FABRICATE A BLANK FLANGE	FABRICATED BLANK FLANGE	1	302021104	0	
02/09/83	CS	FLANGE	RV-CS-101A	FABRICATE BLANK FLANGE	FABRICATED BLANK	1	302021105	0	
02/09/83	CS	VALVE	1-CS-112	REPAIR HANDWHEEL AS REQUIRED	INSTALLED HANDWHEEL NUT	1	302022304	0	
02/09/83	FC	VALVE	1-FC-42	BODY TO BONNET LEAK	COMPLETED	1	302041518	0	
02/09/83	FW	PUMP	1-FW-P-2	N2 BOTTLE PRESS LOW	CHANGED N2 BOTTLES	1	302050307	0	
02/09/83	BR	COMPRESS	1-BR-C-13	LEAK ON FITTING	REPLACED FITTINGS	1	302062215	0	
02/10/83	SI	FLANGE	N/A	REQUIRE FLANGE FOR RV18586	MFG FLANGE	1	301310816	0	
02/11/83	CH	FLANGES	RV-13823	CONSTRUCT BLANK FLANGE	FABRICATE BLANK FLANGE	1	302031913	0	
02/12/83	FC	FILTER	1-FC-FL-2	HIGH AP ACR FILTER REPLACE	RENEWED BASKET ASSEMBLY	1	301281500	0	
02/12/83	SI	VALVE	1-SI-7	PACKING LEAK	ADJUSTED PACKING	1	302040733	0	
02/12/83	SI	VALVE	TV-1884A	PACKING LEAK	ADJUSTED PACKING	1	302040734	0	
02/12/83	SI	VALVE	TV-18843	PACKING LEAK	ADJUSTED PACKING	1	302040736	0	
02/14/83	RC	REGULATOR	1455C	REGULATOR FROM BOTTLES NOT WORKING	ADJUSTED REGULATOR	1	302102301	0	

DEPT-MECH

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UNIT1- 3/03/83
 (MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RTTRVOT SIS COMP MARKNO SUMMARY WKPERF U MR TOTWNTN

02/16/83	CH	PUMP	1-CH-E-7F	TEN YEAR HYDRO TEST	INSPECTION COMPLETE NO PROBLEM	1	301101811	0
02/16/83	SI	FLANGE	N/A	MAKE FLANGE FOR RV-1857	FABRICATE BLANK FOR HYDRO TESTING	1	302081751	0
02/16/83	CH	BLANK	RM-1203	CONSTRUCT BLANK	FABRICATE BLANK FLANGE FOR	1	302100724	0
02/16/83	FW	PUMP	1-FW-P-3A	INBOARD PACKING NEEDS ADJUSTED	ADJUSTED PACKING	1	302102307	0
02/16/83	SI	VALVE	1-SI-171	BORIC ACID PLUG	LINK AND VALVE STOPPED UP	1	302121030	0
02/16/83	RC	PORV	PCV-1456	MANUALLY BLOCK OPEN PORV 1456	MANUALLY BLOCKED VALVE OPEN	1	302151130	0

UNIT1- 3/03/83
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

DATE/TIME	SYT	COMP	MARKING	SUMMARY	WKP/RE	U	NR	TOTOWNTH
02/18/83	CS	VALVE	11-CS-112	VALVE LEAKS BY	LAPPED DISC CLEAN BONNET	1	211170612	0
02/18/83	CS	VALVE	1-CS-120	VALVE LEAKS BY	LAPPED DISC CLEAN BORTIC ACID	1	211170613	0
02/18/83	SI	VALVE	1-SI-4	NEEDS RXPACKING	REPACKED VALVE	1	301061455	0
02/18/83	CS	PUMP	1-CS-P-3	ES 83-03 REPLACE CAP SCREWS	REPLACED 4 NEW BOLTS	1	301141422	0
02/18/83	FP	FR DR	N/A	FIRE DOOR NO 23	TIGHTENED STRIKER PLATE	1	302111315	0
02/18/83	FP	FR DOOR	N/A	FIRE DOOR NO 33 NOT LATCHING	ADJUSTED LATCH	1	302111330	0
02/18/83	KK	VALVE	1-KK-42	PACKING LEAK	ADJUSTED PACKING	1	302111412	0
02/18/83	KK	VALVE	1-KK-44	PACKING LEAK	ADJUSTED PACKING	1	302111413	0
02/18/83	SI	VALVE	MOV-1864A	VALVE HANDWHEEL DOES NOT ENGAGE	REPAIRED ORING AND ADJUSTED	1	302122145	0
02/18/83	SW	PUMP	1-SW-P-103	REMOVE PUMP	INSTALLED PUMP 1-SW-P-103 IN PLACE	1	302151601	0
02/18/83	DG	VALVE	1-DG-10	BODY TO BONNET LEAK	CHANGE DIAPHRAGM	1	302160242	0
02/18/83	SI	BIT	3-SI-PK-2	CLEAN NOZZLES IN BIT	CLEAN WELDED ARC OF NOZZLES	1	302170144	0
02/22/83	SI	VALVE	MOV-SI-1845B	REMOVE VALVE FROM SYSTEM	TESTED VALVE	1	212211226	0
02/22/83	SW	VALVE	TCV-SW-1083	VALVE HAS PACKING LEAK	ADJUSTED PACKING	1	302092210	0
02/22/83	CH	FLANGE	RV-1382B	BLANK FLANGE FOR RV-1382B	MANUFACTURE FLANGE	1	302101515	0
02/22/83	CH	FLANGE	RV-1209	BLANK FLANGE FOR RV-1209	MANUFACTURE FLANGE	1	302101516	0
02/22/83	CH	FLANGE	RV-1257	BLANK FLANGE FOR RV-1257	MANUFACTURE FLANGE	1	302101517	0
02/22/83	CH	FLANGE	RV-109	MAKE A TEST FLANGE FOR RV-1209	MANUFACTURED FLANGE	1	302101737	0
02/22/83	CS	FLANGE	N/A	MAKE A TEST FLANGE FOR PT 17.6	MANUFACTURED FLANGE	1	302111046	0
02/22/83	SI	PIPK	1-SI-9	UNPLUG LINK FOR 1-SI-9	UNPLUGGED LINK AND	1	302140724	0
02/22/83	SI	VALVE	1-SI-150	PACKING LEAK ADJ	PACKING GLAND HAD BACKED OFF	1	302141100	0
02/22/83	MS	VALVE	1-MS-143	PACKING LEAK ADJUST	ADJUSTED PACKING	1	302141306	0
02/22/83	MS	VALVE	1-MS-158	REPAIR CHAIN WHEEL	RENEWED CLAMP BOLTING	1	302141747	0
02/22/83	CS	FLANGES	CS-P-1A+13	MAKE 2 HANDLE TYPE BLANK FLANGE	FABRICATE MACHINE AND WELD BLANKS	1	302170152	0
02/22/83	CH	PUMP	1-CH-P-2C	LOW DISCHARGE PRESSURE	COMPLETED	1	302171230	0
02/22/83	VS	PIPING	FI-VS-116	REMOVE INSPECTION PORT	CLEANED SCREEN	1	302181050	0
02/23/83	FV	VALVE	1-FV-13	REPLACE WITH CONVALVE FURNISHED	VALVE SEVERLY DAMAGED REPLACED	1	301171500	0
02/23/83	CS	VALVE	1-CS-43	MANUAL VALVE	COMPLETED 100 % BLUING	1	302101309	0
02/23/83	SI	VALVE	1-SI-11	BORTIC ACID PLUG	VALVE EXCESSIVELY DAMAGED REPLACED	1	302121032	0
02/23/83	MS	VALVE	TV-MS-101A	LEAK AT LEFT ROCKER ARM	RENEWED GASKET - SECTION	1	302131014	0
02/23/83	MS	VALVE	1-MS-6	BODY TO BONNET LEAK	CLEANED GASKET SURFACES	1	302141301	0
02/23/83	MS	VALVE	1-MS-157	VALVE LEAK BY	CUT AND LAPPED VALVE	1	302141303	0
02/23/83	MS	VALVE	TV-MS-101C	GASKET LEAKS	RENEWED LEFT SIDE GASKET	1	302141307	0
02/23/83	SW	VALVE	MOV-SW-1023	VALVE ACTUATOR MECHANICALLY	REPLACED BACK GEAR	1	302152000	0
02/23/83	FP	FR DR	N/A	FIRE DOOR DOES NOT ROLL SMOOTHLY	REPAIRED DOOR	1	302181442	0
02/23/83	CH	HX	1-CH-E-3	REMOVE INSULATION	REMOVE ALL SNAP ON	1	302181625	0
02/23/83	RR	PIPING	N/A	REMOVE INSULATION	REMOVE INSULATION AROUND	1	302181627	0
02/23/83	CV	PUMP	1-CV-P-1A	PUMP WILL NOT PUMP	REPLACED PUMP	1	302220636	0
02/24/83	MS	VALVE	1-MS-145	REPAIR VALVE	REPLACED 1-MS-145 WITH	1	211021631	0

UNIT1- 3/03/83
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

DATE/TIME	SYS	COMP	MARKNO	SUMMARY	WKPERS	U	NR	TOTOWNTM
02/24/83	CS	VALVE	1-CS-38	OVERHAUL LEAKS THROUGH	COMPLETED 100 PERC BLUING	1	212021102	0
02/24/83	SI	VALVE	1-SI-166	360°C ACID PLUG	VALVE EXCESSIVELY DAMAGED REPLACED	1	302121031	0
02/24/83	GN	VALVE	1-GN-1	BODY TO BONNET LEAK	RENEWED BONNET GASKET	1	302131010	0
02/24/83	MS	VALVE	1-MS-84	STEM LEAK AT VALVE	REPACKED VALVE	1	302131011	0
02/24/83	MS	VALVE	1-MS-181	SMALL PACKING LEAKS	REPACKED	1	302141302	0
02/26/83	RG	VALVE	SV-RG-1551	BUILD RING TO HOLD RAD SHIELD	FABRICATED RING FOR	1	302181443	0
02/26/83	CC	VALVE	1-CC-100	REPACK VALVE	REPACKED VALVE	1	301231336	0
02/26/83	CH	VALVE	HCV-117	VALVE IS STUCK PARTIALLY OPEN	REPACKED VALVE	1	302041350	0
02/26/83	CH	VALVE	HCV-1201	VALVE ILS STUCK PARTIALLY OPEN	REPACKED VALVE	1	302041351	0
02/26/83	SI	VALVE	1-SI-81	PACKING LEAK	COMPLETED	1	302081521	0
02/26/83	SI	VALVE	1-SI-336	PACKING LEAK	COMPLETED	1	302081536	0
02/26/83	SI	VALVE	1-SI-340	PACKING LEAK	REPACKED VALVE	1	302081540	0
02/26/83	SI	VALVE	MCV-1864A	BORIC ACID RESIDUE ON VALVE	REPACKED VALVE	1	302180405	0
02/26/83	SI	VALVE	MCV-1865A	BORIC ACID RESIDUE ON VLV BODY	CLEANED AND ADJUSTED	1	302211204	0
02/26/83	SI	PIPING	N/A	FLANGE LEAKS AT CONNECTION	REPLACED FLANGE GASKET	1	302211212	0
02/26/83	SI	PIPE	N/A	FLANGE LEAKS DURING HYDRO	REPLACED FLANGE GASKET	1	302211213	0
02/26/83	SI	VALVE	1-SI-261	CAP MISSING	WIRE BRUSHED	1	302211216	0
02/26/83	SI	PIPING	N/A	FLANGE LEAKS	REPLACED FLANGE GASKET	1	302211225	0
02/26/83	CV	PUMP	1-CV-P-1A	PUMP WILL NOT PUMP	CLEANED LINES	1	302230510	0
02/26/83	DG	PUMP	1-DG-P-1A	PUMP DOES NOT PUMP	PUMP DEFECTIVE REPLACED PUMP	1	302270145	0
03/01/83	CH	VALVE	FCV-1113A	PACKING LEAK	REPACKED VALVE	1	302040723	0
03/01/83	CH	TRANSMIT	FT-1113	FLANGE LEAK TOP AND BOTTOM	REPLACED TOP AND BOTTOM	1	302040724	0
03/01/83	CH	TRANSMIT	FT-1110	FLANGE LEAK TOP	REPLACED FLANGE GASKET	1	302040727	0
03/01/83	MS	VALVE	1-MS-98	VALVE HAS PACKING LEAK	REPACKED VALVE	1	302131017	0
03/01/83	MS	VALVE	1-MS-99	VALVE HAS PACKING LEAK	REPACKED VALVE	1	302131018	0
03/01/83	RC	VALVE	1-RC-30	VALVE HAS PACKING LEAK	ADDED 2 RINGS PACKING	1	302160709	0
03/02/83	CH	VALVE	1-CH-88	2 INCH BONNET NEEDS REPLACING	REPLACED BONNET	1	302040720	0
03/02/83	CH	VALVE	1-CH-81	BODY TO BONNET LEAK	REPLACED DIAPHRAM	1	302040732	0
03/02/83	DG	VALVE	1-DG-66	CHECK VALVE LEAKS BONNET	RENEWED BONNET GASKET	1	302261390	0
SKIT TOTAL								0

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

MECHANICAL MAINTENANCE

FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

ELECTRICAL MAINTENANCE

FEBRUARY, 1983

UNIT1- 3/03/83

(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSRVDT	SYS	COMP	MARKNO	SUMMARY	WKPERF	MR	TOTI	WNTN
02/04/83	CV	PMP MTR	1-CV-P-13	MOTOR TURNS VERY SLOW	TEST RAN MOTOR SAT	1	210210130	0
02/06/83	MS	INSTR	SOV-MS-1023	ADJUST LIMIT SWITCH	ADJUSTED LIMITS AND	1	302061021	0
02/07/83	RC	RELAY	PC-403AX	RELAY COIL OPEN	REPLACED RELAY AND	1	302041328	0
02/09/83	SW	MOV	MOV-SW-103A	THERMALS OUT	REPLACED BEARINGS AND	1	302090742	0
02/09/83	SW	MOV	MOV-SW-103D	THERMALS OUT	FOUND NO PROBLEMS WITH	1	302090801	0
02/10/83	FN	VARIOUS	N/A	PROVIDE KLEC SERVICES	INSTALLED TEMP PWR	1	301261158	0
02/10/83	SW	MOV	MOV-SW-103C	THERMALS OUT WHEN OPENING	REPLACED BEARINGS AND	1	302090738	0
02/11/83	MS	VALVE	NRV-MS-101A	KLEC SEAT	VALVE SEATED	1	302111317	0
02/12/83	MS	VALVE	NRV-MS-1013	KLEC SEAT	VALVE SEATED	1	302112319	0
02/13/83	MS	NRV	NRV-MS-101C	SHUT KLEC	KLEC SEATED VALVE	1	302130500	0
02/14/83	SW	MOV	MOV-SW-102A	VLV WILL NOT OPEN KLEC	CHECKED OUT SAT KLEC	1	302110903	0
02/16/83	RC	INSTR	PCV-1455C	VALVE WILL NOT OPEN	REPLACED SOV	1	302101235	0
02/18/83	VG	PUMP	RC-VG-103	PUMP WILL NOT RUN	RESET OVERLOAD	1	302141110	0
02/18/83	SW	VALVE	MOV-SW-1013	NO OPERATE CHECK	VALVE CHECKED OUT SAT	1	302151350	0
02/18/83	PE	VALVE	3E	REPLACE VALVE	REPLACE VALVE	1	302161237	0
02/18/83	PE	GAUGE	15E	REPLACE 6 INCH GAUGE	REPLACED GAGE	1	302161238	0
02/22/83	VS	PUMP	1-VS-K-1A	PUMP TRANSFORMER	REPLACED CONTROL TRANS	1	302101200	0
02/23/83	FW	PUMP	1-FW-P-1A	FEED PUMP BREAKERS OPENED	INSTALLED NEW SWITCH	1	302092215	0
02/23/83	SW	MOV	MOV-SW-1023	THERMALS OUT	WORKED MOV AS PER	1	302151530	0
02/23/83	SW	MOTOR	1-SW-P-103	DISC + RECON FOR MECH	DISCONNECTED + RECONNECTED	1	302151602	0
02/26/83	SW	VALVE	MOV-SW-102A	DISC THE LIMITORQUE KLEC	DISCONNECTED RECONNECTED	1	302220338	0
02/28/83	3S	SWITCH	N/A	CONT EMERG HATCH LIMIT SWITCH IS LOO	ADJUST SW COMPLETE	1	212030640	0
02/28/83	RC	CONNKCT	1-RC-K-2	INSPECT KLEC CONNECTIONS FOR HEATERS	INSPECTED KLEC CONNECTIONS ON PZR SA	1	301041243	0
02/28/83	3D	TV	TV-3D-100A	SHOWS INTERMEDIATE INDICATION	ADJUST LIMITS TEST	1	302081351	0
02/28/83	SW	MOV	MOV-SW-1033	REPLACE LIMIT SWITCH ASSEMBLY	REPLACED ROTOR CAM	1	302191508	0
02/28/83	RC	SWITCH	HCV-1557A	REMOVE LIMIT SWITCHES	RECONNECT LIMITS	1	302211831	0
02/28/83	CV	MOTOR	1-CV-P-1A	MOTOR DOES NOT TURN OVER	DISASSEMBLED REASSEMBLED	1	302232329	0
02/28/83	CH	VALVE	MOV-12864	INSTALL JUMPER	INSTALLED JUMPER	1	302241207	0
02/28/83	DC	PUMP	1-DC-P-1A	DISCONNECT+RECONNECT PUMP	RECONNECT + DISCONNECT	1	302270811	0
03/02/83	CH	VALVE	MOV-1350	CHECK TORQUE SWITCH	WPCO STOCK NO 0385193	1	212031254	0
03/02/83	VS	MOTOR	1-VS-F-100A	CHECK OPERATION OF MOTOR	MOTOR TEST SAT	1	301041146	0
03/02/83	VS	MOTOR	1-VS-F-1003	CHECK OPERATION OF MOTOR	MOTOR TEST SAT	1	301041147	0
03/02/83	VS	MOTOR	1-VS-100C	CHECK OPERATION OF MOTOR	MOTOR TEST SAT	1	301041148	0
03/02/83	VS	MOTOR	1-VS-F-101A	CHECK OPERATION OF MOTOR	MOTOR TEST SAT	1	301041152	0

DEPT TOTAL

0

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

ELECTRICAL MAINTENANCE

FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

INSTRUMENT MAINTENANCE

FEBRUARY, 1983

UNIT1- 3/03/83

(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RTS/RYDT	SYS	COMP	MARKNO	SUMMARY	WPKRF	U	MR	TOTAL/NTN
02/01/83	SI	INSTR	FI-I-346	CALIBRATE	FOUND NO PROBLEM WITH	1	211210036	0
02/01/83	RM	MONITOR	RM-CC-106	CHECK ALERT AND ALARM SETPOINT	ADJUSTED ALARM CARD	1	301131546	0
02/01/83	RM	RECORDER	RR-150	RECORDER DOES NOT TRACK WITH RM LELV	REPLACED SWITCH CONTACT	1	301301348	0
02/01/83	CH	GAUGE	1-CH-P-20	REPLACE DISCHARGE GAUGE ON D	INSTALLED NEW GAUGE	1	302011100	0
02/02/83	RM	MONITOR	1-RM-FA-109	FILTER PAPER ADV WILL NOT WORK	REPAIRED AND CLEANED	1	301251041	0
02/02/83	RM	RECORDER	RR-LW-104A+B	PENS ARE HANGING UP	CLEANED AND LUBRICATED	1	302010051	0
02/02/83	RM	PROC VEN	RI-CW-102	ALARM SETPOINT IS TOO LOW	READJUSTED SETPOINTS	1	302010337	0
02/04/83	RM	MONITOR	RM-SV-111	CHECK SOURCE STICKS	CLEANED LUBRICATED PIVOTS	1	302021428	0
02/04/83	CH	GAUGE	FI-1134	GAUGE BROKEN REPLACE	REPLACED GAUGE WITH	1	302040231	0
02/04/83	RM	RECORDER	1-RR-100	1-RR-100 ERRATIC INDICATION	CLEANED AND REPOSITIONED	1	302040709	0
02/06/83	RM	RECORDER	RR-100	RECORDER PRINTING ERRATICALLY	CLEANED/REPAIRED POINT	1	302061501	0
02/07/83	CV	INSTR	FI-CV-150	FLOW METER DOES NOT REGISTER	REWired AC TO SWITCH	1	302072000	0
02/08/83	RI	ANNUN	G-H-6	ALARM DIDNT COME IN	CALIBRATED COMPARTOR	1	301280731	0
02/09/83	RM	MONITOR	RM-SV-111	ALARM SETPOINT	ADJUSTED SETPOINT TO	1	302071410	0
02/10/83	RI	INSTR	F-04	ERRATIC	REMOVED JUMPERD OUT	1	301271101	0
02/10/83	RS	PORV	PCV-1455C	INVESTIGATE	JUMPERED SOLENOIDS AND	1	302100345	0
02/11/83	RM	INDICATI	RR-100	RECORDER ERRATIC	CLEANED CONTACTS REPLACED	1	302110220	0
02/11/83	RM	SETPOINT	RI-SW-115	EVALUATE SETPOINT	ADJUSTED ALARM + ALERT	1	302110611	0
02/14/83	RS	METER	FI-SW-106C	NO FLOW INDICATION	CLEANED OUT LINES AND	1	302091006	0
02/14/83	RS	METER	FI-SW-106A	NO FLOW INDICATED WHEN FLOWING LINE	CLEANED OUT LINES AND	1	302091007	0
02/14/83	RS	METER	FI-SW-106B	NO FLOW INDICATION WHILE FLOWING LINE	CLEANED OUT LINES AND	1	302091008	0
02/14/83	RS	METER	FI-SW-1063	NO FLOW INDICATED WHILE FLOWING LINE	CLEANED OUT LINES AND	1	302091009	0
02/14/83	RM	RECORDER	RR-100	RECORDER RESPONDING ERRATIC	REPLACED FEEDBACK POT	1	302101440	0
02/14/83	NI	31STAGE	NI-35	NO RESET POT	REPLACED P6 MODULE	1	302110310	0
02/15/83	SI	INSTR	FI-1-946	FLOW INDICATION ERRATIC	REPLACED AMPLIFIER BOARD	1	302021656	0
02/15/83	NI	RECORDER	NR-1-45	RED PEN HANGS UP	OILED RECORDER	1	302120721	0
02/16/83	CF	INDICATO	FI-1-160	FLOW INDICATED IS ZERO	CALIBRATED TRANSMITTER	1	302111041	0
02/16/83	CH	GAGE	N/A	TEMPERATURE GAGE	REPLACED THERMOMETER	1	302131715	0
02/18/83	MS	VALVE	TCV-MS-105B	VALVE SPIKES DOES NOT MODULATE	READJUSTED K/P CHECKED	1	210170921	0
02/18/83	VS	INSTR	FI-VS-116	LOSS OF POWER TO INDICATOR	CHECKED SOURCE ROOT	1	302171310	0
02/18/83	CC	VALVE	PCV-CC-109A	VALVE STUCK OPEN	ADJUSTED POSITIONER	1	302180410	0
02/19/83	RM	MONITOR	RM-RMS-159/160	WILL NOT PURGE	SUBMITTED MR TO	1	302171100	0
02/22/83	CC	MONITOR	RM-CC-105	ALARM SETPOINT	ADJUSTED ALERT AND	1	302171031	0
02/23/83	RM	MONITOR	RM-162	ERRATIC + SPIKING HI ALARM	CALIBRATED MONITOR	1	212050906	0
02/23/83	MS	INSTR	PI-1-435	INSTR READS 100 L35	ADJUSTED ISOLATOR PERFORMED	1	302141000	0
02/24/83	KE	VALVE	1-KG-36	BLOWDOWN VALVE ON PRESSURE SWITCH	REPLACED VALVE	1	302132127	0
02/25/83	MS	COND POT	FT-487	VENT LEAKING	REPLACED VENT VALVE	1	302121148	0
02/25/83	3R	INSTR	TS-3R-1113	HIGH TEMP ALARM	RESET ALARM POINTER ON	1	302221530	0
02/28/83	SI	INSTR	FI-I-362	CALIBRATE	CALIBRATED TRANSMITTER	1	211210040	0
03/02/83	RM	MONITOR	RI-RMS-151	MONITOR SPIKES IN ALERT+HI	CHECKED CALIBRATION	1	302041948	0
03/02/83	NI	SOURCE	N-31	REPLACE DEFEC MODULE NM100	REPLACED TEST CALIBRATED	1	302151118	0
03/02/83	NI	N-32	N-32	SPIKING	PERFORMED CAL-NI-046	1	302130420	0
03/02/83	CH	TRANSMIT	FT-1-122	TRANSMITTER WILL NOT CALIBRATE	REPLACED TRANSMITTER	1	302211103	0

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

INSTRUMENT MAINTENANCE

FEBRUARY, 1983

UNIT2- 3/03/83
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

DATE/TIME	SYS	COMP	MARKED	SUMMARY	WKPERS	U	MR	TOT/MIN
02/06/83	RC	CONTROL	N/A	AUTOMATIC ROD CONTROL SYSTEM	CHECKED CIRCUIT FOR	2	210130200	0
02/06/83	AI	ARMED	G-G-6	ALARM DIGNT COMP IN	CALIBRATED COMPARTOR	2	301280730	0
02/06/83	NI	CONTROL	N-44	REPLACE GAIN POT	REPLACES GAIN CONTROL	2	302082003	0
DWT TOTAL								0

HEALTH PHYSICS

FEBRUARY, 1983

NONE DURING THIS REPORTING PERIOD.

PROCEDURE DEVIATIONS REVIEWED BY STATION NUCLEAR
SAFETY AND OPERATING COMMITTEE AFTER TIME LIMITS
SPECIFIED IN TECHNICAL SPECIFICATIONS

FEBRUARY, 1983

<u>PROCEDURE NO.</u>	<u>UNIT</u>	<u>TITLE</u>	<u>DATE DEVIATED</u>	<u>DATE SNSOC REVIEWED</u>
PT 53.1	1,2	ASME System Pressure Test	01/25/83	02/09/83