

VIRGINIA ELECTRIC AND POWER COMPANY

SURRY POWER STATION

MONTHLY OPERATING REPORT

REPORT NO. 83-08

APPROVED BY:

RT Saunders

STATION MANAGER

8310190016 830915
PDR ADOCK 05000280
R PDR

1624

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OPERATING DATA REPORT

1

DOCKET NO. 50-280
DATE 06 SEP 83
COMPLETED BY Vivian Jones
TELEPHONE 804-357-3184

OPERATING STATUS

1. UNIT NAME SURRY UNIT 1
 2. REPORTING PERIOD 80183 TO 83183
 3. LICENSED THERMAL POWER (MWT) 2441
 4. NAMEPLATE RATING (GROSS MWE) 247.5
 5. DESIGN ELECTRICAL RATING (NET MWE) 758
 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 | 744.0 | 5831.0 | 93719.0 |
| 12. NUMBER OF HOURS REACTOR WAS CRITICAL | 744.0 | 2739.4 | 56651.1 |
| 13. REACTOR RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 3765.2 |
| 14. HOURS GENERATOR ON-LINE | 744.0 | 2615.1 | 55469.8 |
| 15. UNIT RESERVE SHUTDOWN HOURS | 0.0 | 0.0 | 3736.2 |
| 16. GROSS THERMAL ENERGY GENERATED (MWH) | 1808291.3 | 6078318.0 | 128758917.9 |
| 17. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 574645.0 | 1925840.0 | 41531883.0 |
| 18. NET ELECTRICAL ENERGY GENERATED (MWH) | 544686.0 | 1822503.0 | 39382966.0 |
| 19. UNIT SERVICE FACTOR | 100.0 % | 44.8 % | 59.2 % |
| 20. UNIT AVAILABILITY FACTOR | 100.0 % | 44.8 % | 63.2 % |
| 21. UNIT CAPACITY FACTOR (USING MDC NET) | 94.5 % | 40.3 % | 54.2 % |
| 22. UNIT CAPACITY FACTOR (USING DER NET) | 92.9 % | 39.7 % | 53.3 % |
| 23. UNIT FORCED OUTAGE RATE | 0.0 | 0.8 % | 22.1 % |
| 24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS
(TYPE, DATE, AND DURATION OF EACH) | FALL MAINTENANCE-10 DAYS-11-11-83
SNUBBER OUTAGE-10 DAYS-09-20-83 | | |
25. IF SHUT DOWN AT END OF REPORT PERIOD,
ESTIMATE DATE OF STARTUP
 26. UNITS IN TEST STATUS FORECAST ACHIEVED
(PRIOR TO COMMERCIAL OPERATION)

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

2 OPERATING DATA REPORT

DOCKET NO. 50-281
DATE 07 SEP 83
COMPLETED BY Vivian Jones
TELEPHONE 804-357-3184

OPERATING STATUS

1. UNIT NAME	SURREY UNIT 2		
2. REPORTING PERIOD	80183 TO 83183		
3. LICENSED THERMAL POWER (MWT)	2441	-----	
4. NAMEPLATE RATING (GROSS MWE)	847.5	NOTES	
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	744.0	5831.0	90599.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	4100.2	56774.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON-LINE	0.0	4081.6	55905.7
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0.0	9666490.1	130907836.2
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0.0	3087793.0	42570514.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	0.0	1927498.0	40348417.0
19. UNIT SERVICE FACTOR	0.0 %	63.7 %	52.7 %
20. UNIT AVAILABILITY FACTOR	0.0 %	63.7 %	51.7 %
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0 %	64.8 %	57.5 %
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0 %	63.7 %	56.5 %
23. UNIT FORCED OUTAGE RATE	0.0 %	1.4 %	14.5 %
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH)	None		
25. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATE DATE OF STARTUP	9-18-83		
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION)	FORECAST	ACHIEVED	

INITIAL CRITICALITY
INITIAL ELECTRICITY
(COMMERCIAL OPERATION)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST

DOCKET NO. 50-280
 UNIT NAME SURRY 1
 DATE September 7, 1983
 COMPLETED BY Vivian Jones
 TELEPHONE (804) 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
None during this reporting period.									

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or 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: AUGUST, 1983

DOCKET NO. 50-281
 UNIT NAME SURRY II
 DATE September 7, 1983
 COMPLETED BY Vivian Jones
 TELEPHONE (804)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
83-12	06-30-83	S	744.0	C	3				Continuation of shutdown for refueling which commenced 06-30-83.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance or 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

LOAD REDUCTIONS DUE TO ENVIRONMENTAL RESTRICTIONSUNIT NO. 1MONTH: August, 1983

<u>DATE</u>	<u>TIME</u>	<u>HOURS</u>	<u>LOAD, MW</u>	<u>REDUCTIONS, MW</u>	<u>MWH</u>	<u>REASON</u>
None during this reporting period.						
MONTHLY TOTAL						

LOAD REDUCTIONS DUE TO ENVIRONMENTAL RESTRICTIONSUNIT NO. 2MONTH: August, 1983

<u>DATE</u>	<u>TIME</u>	<u>HOURS</u>	<u>LOAD, MW</u>	<u>REDUCTIONS, MW</u>	<u>MWH</u>	<u>REASON</u>
None during this reporting period.						
MONTHLY TOTAL						

DOCKET NO 50-280
 UNIT SURRY I
 DATE 9-1-83
 COMPLETED BY Vivian Jones

AVERAGE DAILY UNIT POWER LEVEL

MONTH: AUGUST 83

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	731.8	17	731.1
2	734.2	18	736.1
3	734.5	19	732.3
4	733.5	20	731.4
5	732.6	21	732.8
6	726.2	22	729.1
7	726.5	23	727.8
8	728.5	24	733.9
9	729.9	25	732.5
10	726.0	26	732.9
11	725.9	27	733.4
12	731.8	28	739.6
13	735.9	29	738.5
14	735.6	30	733.7
15	735.0	31	730.0
16	732.4		

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 SUREY II
 DATE 9-1-83
 COMPLETED BY Vivian Jones

AVERAGE DAILY UNIT POWER LEVEL

MONTH: AUGUST 83

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	0.0	17	0.0
2	0.0	18	0.0
3	0.0	19	0.0
4	0.0	20	0.0
5	0.0	21	0.0
6	0.0	22	0.0
7	0.0	23	0.0
8	0.0	24	0.0
9	0.0	25	0.0
10	0.0	26	0.0
11	0.0	27	0.0
12	0.0	28	0.0
13	0.0	29	0.0
14	0.0	30	0.0
15	0.0	31	0.0
16	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.

SUMMARY OF OPERATING EXPERIENCE

MONTH/YEAR August, 1983

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

UNIT ONE

Unit was at 100% power during the entire reporting period.

UNIT TWO

<u>DATE</u>	<u>TIME</u>	
Aug 1	0000	This reporting period begins with the unit at refueling shutdown, core on load in progress
	1923	Completed core on-load
Aug 3	2330	Set Rx head
Aug 6	0138	Rx head removed to re-clean seals
Aug 7	1525	Set Rx head
Aug 11	1700	Rx head tensioned
Aug 13	1625	All three steam generators tagged out for J-tube repairs
Aug 31	2400	This reporting period ends with the unit at cold shutdown.

AMENDMENTS TO FACILITY LICENSE OR TECHNICAL SPECIFICATIONS

None during this reporting period.

FACILITY CHANGES REQUIRING
NRC APPROVAL

NONE DURING THIS REPORTING PERIOD.

FACILITY CHANGES THAT
DID NOT REQUIRE NRC APPROVAL

DC 82-42 SKV Cable Modification

This design change eliminates the possible overloaded conditions of the reserve station service transformer feeders and transfer buses while maintaining existing load shedding to ensure adequate voltages under emergency conditions.

Summary of Safety Analysis

The 5 KV cable modification enhances the overall safety and reliability of the station by upgrading the reserve station service system.

TESTS AND EXPERIMENTS REQUIRING
NRC APPROVAL

None during this reporting period.

TESTS AND EXPERIMENTS THAT
DID NOT REQUIRE NRC APPROVAL

None during this reporting period.

OTHER CHANGES, TESTS AND EXPERIMENTS

None during this reporting period.

VIRGINIA ELECTRIC AND POWER COMPANY
SURRY POWER STATION
CHEMISTRY REPORT

August 19 83

T.S. 6.6.3.d

(A)

PRIMARY COOLANT ANALYSIS	UNIT NO. 1			UNIT NO. 2		
	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE
Gross Radioact., $\mu\text{Ci/ml}$	8.33E^{-1}	3.83E^{-1}	5.94E^{-1}	2.63E^{-1}	2.64E^{-3}	8.77E^{-2}
Suspended Solids, ppm	0.0	0.0	0.0	-	-	-
Gross Tritium, $\mu\text{Ci/ml}$	2.61E^{-1}	1.56E^{-1}	2.16E^{-1}	-	-	-
Iodine 131 , $\mu\text{Ci/ml}$	4.54E^{-2}	2.27E^{-3}	2.38E^{-2}	6.34E^{-5}	1.71E^{-5}	4.87E^{-5}
$\text{I}^{131}/\text{I}^{133}$.97	.10	.62	-	-	-
Hydrogen, cc/kg	41.6	25.5	33.3	-	-	-
Lithium, ppm	1.50	1.17	1.39	-	-	-
Boron-10, ppm*	145	129	139	431	412	422
Oxygen, (D.O.), ppm	<0.005	<0.005	<0.005	4.00	2.50	2.98
Chloride, ppm	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
pH @ 25°C	6.77	6.50	6.67	5.10	4.74	4.97

* Boron-10 = Total Boron x 0.196

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

(B)

Phosphate	-	Boron	799
Sulfate	-	Chromate	0.0
50% NaOH	-	Chlorine	0.0

REMARKS: (A). Unit 2 shut down for refueling outage. (B). The levels of these chemicals should produce no adverse environmental impact.

The following Lithium additions were made to Unit 1: 240 gms. on 8/3; 240 gms. on 8/6; 300 gms. on 8/30.

The Primary Cation Bed was placed in service for Lithium removal from Unit 1 on the following dates: 8/9, 8/14, & 8/16.

DESCRIPTION OF ALL INSTANCES WHERE
THERMAL DISCHARGE LIMITS WERE EXCEEDED

None during this reporting period.

FUEL HANDLING

Unit 1

August, 1983

DATE SHIPPED/RECEIVED	NO. OF ASSEMBLIES PER SHIPMENT	ANSI NO. INITIAL ENRICHMENT	NEW OR SPENT FUEL SHIPPING CASK ACTIVITY LEVE
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NONE DURING THIS REPORTING PERIOD.

[illegible]

PROCEDURE REVISIONS THAT CHANGED THE
OPERATING MODE DESCRIBED IN THE FSAR

None during this reporting period.

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

None during this reporting period.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

MECHANICAL MAINTENANCE

NONE DURING THIS REPORTING PERIOD.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

MECHANICAL MAINTENANCE

SATURDAY, 3 SEP 83 • 9:17 AM PAGE 5

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS
UNIT: 2

DEPT: NUCR

DATE	SYSTEM/COMP	MARKNO	SUMMARY	WKPERS	HR
08/03/83	PS	2	MAINTAIN HATCH DURING OUTAGE		
08/03/83	CS	2-CV-1	POLETS HOLDING HANDWHEEL	INSPECTED HATCH	307311193
08/03/83	CV	2-CH-305	VALVE SEEN LEAK	TIGHTENED BOLTS	307292002
08/03/83	CH	2-CH-300	REPLACE HANDWHEEL	ADJUSTED PACKING	307192146
08/03/83	CH	HCV-2311	VALVE HAS EXCESSIVE LEAKAGE	REPLACED HANDWHEEL	307212054
08/03/83	CH	HCV-2311	REPACK VALVE	ADJUSTED STROKE	307230021
08/03/83	SI	TV-SI-202A	REPLACE GASKET	REPACKED VALVE	307091540
08/03/83	SI	2-SI-26	PACKING LEAK	TIGHTEN FLANGE BOLTS	307120009
08/03/83	CH	PCV-2160	EXCESSIVE LEAKAGE	REPACKED VALVE WITH	307120005
08/03/83	RD	2-RD-23	ADJUST PACKING OR REPACK	REPLACED GASKETS PLUG ASSEMBLY	307110657
08/03/83	RD	2-RD-13	ADJUST PACKING OR REPACK	ADJUSTED PACKING	305231308
08/03/83	RD	2-RD-3	ADJUST PACKING OR REPACK	ADJUSTED PACKING	305231306
08/03/83	RS	2-RS-104	ADJUST PACKING OR REPACK	ADJUSTED PACKING	305231203
08/03/83	SI	RD-2381	REPACK VALVE	ADJUSTED PACKING	305231128
08/03/83	CH	2-CH-293	PACKING RETAINING RING BROKEN	REPACKED VALVE	307231340
08/04/83	RS	2-CH-293	VALVE LEAKS	FABRICATED PACKING	302260127
08/05/83	RS	NOV-RS-255A	ADJUST LIMITS ON VALVE	ADJUSTED VALVE STROKE	307300730
08/05/83	CH	NOV-RS-255A	OUTER PERSONNEL HATCH WONT SHUT	ADJ. MECHANICAL STOPS ON NOV-RS-255A	308010030
08/05/83	CH	N/A	PACKING LEAK	ADJUSTED INOR TESTED WORK CAT	308030826
08/05/83	CH	NOV-2287C	BUILD UP OF BORIC ACID REST	CLEANED VALVE ADJUSTED PACKING	307120490
08/05/83	CH	NOV-2275C	BUILD UP OF BORIC ACID REST	CLEANED VALVE ADJUSTED PACKING	307120335
08/05/83	RD	NOV-2286C	ADJUST PACKING OR REPACK	CLEANED VALVE ADJUSTED PACKING	307120339
08/05/83	RD	2-RD-52	VALVE IS STICKING	TIGHTEN PACKING	305231310
08/06/83	CH	FCV-2122	CHECK VALVE BONNET LEAK	TEST VALVE STROKE	305291915
08/06/83	PS	2-RS-182	REPLACE VALVE	INSTALLED NEW GASKET	301200002
08/06/83	SI	2-SI-150	VALV NEEDS NEW STEM AND HANDWHEEL	REPLACED DEFECTIVE VALVE	305191901
08/06/83	FW	2-FW-130	VALV LEAKS	REPLACED VALVES	309211057
08/06/83	CS	1-CS-67	REPAIR BODY TO BONNET LEAK	CLEANED SEATS+VALVE	306091906
08/06/83	CH	NOV-2350	VALVE IS LEAKING	REPLACED GASKET	306161626
08/06/83	RS	2-RS-270	REPLACE FLANGES	INSTALLED NEW VALVE	306220750
08/06/83	RD	2-FR-RD-202C	VALVE SEAT LEAKS	REPLACED FLANGE ASSEMBLY	211091103
08/06/83	CV	TV-CV-250D	VALVE SEAT LEAKS	REPAIR SEATING AREA	307091025
08/06/83	CV	TV-CV-250C	VALVE SEAT LEAKS	REPAIR SEATING AREA OF VALV	307091029
08/06/83	RC	2-RC-160	VALVE SEAT LEAKS	LAPPED BLEED SEAT	307091097
08/06/83	SS	TV-SS-200R	VALV HAS EXCESS LEAKAGE	REPLACED VALVE	307091541
08/06/83	HH	2-HH-P-1R	SEAL LEAKS	REPLACED HIGH SEAL	307092056
08/06/83	CV	2-TV-CV-250A	VALVE HAS EXCESS LEAKAGE	DISASSEMBLED VALVE LAPPED PLUG	3070930020
08/06/83	CS	2-CS-105	REMOVE BONNET	CHECK FREE MOVEMENT OF RING	307311220
08/10/83	CH	HCV-2310A	VALVE HAS EXCESSIVE LEAKAGE	ADJUST STROKE ON VALVE	367300020
08/10/83	CH	2-CH-W16	UNCLOG BORIC ACID PLUG	REPLACED BONNET ASSY	307270150
08/10/83	CH	2-CV-212	REPAIR SEWER LEAK	REPLACED BONNET ASSY	307271010
08/10/83	SW	2-SW-P-5D	FLANGE LEAKING	REPAIR FLANGE LEAK	308031796
08/10/83	RS	NOV-RS-255A	FLANGE LEAK	TIGHTEN FLANGE BOLTS	308021520
08/10/83	HH	N/A	INSTALL NEW FLEX GASK	INSTALL FLANGE FLANGE	308012111
08/10/83	FP	20	TWO ANTI FLASH SCREENS MISSING	INSTALLED SCREEN	308051915
08/10/83	CH	2-CH-14	MINOR BODY TO BONNET LEAK	REPLACED DIAPHRAN AND COMPRESSOR	307202005

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS
UNIT: 2

DEPT: MECH

RET:REVDT	SYS COMP	MARKNO	SUMMARY	WKF:WFP	IR
08/10/83	CH VALVE	2-CH-194	BODY TO BONNET LEAK	REPLACED DIAPHRAGM	307201948
08/10/83	CH VALVE	2-CH-189	BODY TO BONNET LEAK	REPLACED DIAPHRAGM	307201947
08/10/83	CV VALVE	2-TV-250R	TRIP VLV HAS EXCESS LEAKAGE	LAPPED PLUG TO SEAT	307030023
08/10/83	CH PLUG	2-CH-P-1R	ZINC PLUG CORRODING	INSTALL PLUGS	307100503
08/10/83	CH VALVE	HCV-2200R	AIR LINE TO VALVE	NEW FLEX CABLE INSTALL	309090323
08/10/83	CH PIPING	HCV-2310	REPLACE LAGGING AT HCV-2310	INSTALLED INSULATION PAD	212171118
08/10/83	SI VALVE	TV-2884R	REPAIR PACKING LEAK	ADJUST PACKING	306161931
08/10/83	CH VALVE	PCV-2114B	LEAKS THRU	REPLACED DIAPHRAGM AND BONNET GASKET	306221151
08/10/83	CH VALVE	PCV-2113B	REPLACE DIAPHRAGM	REPLACED BONNET ASSY	306221150
08/10/83	MS VALVE	2-MS-196	VALVE LEAKS BY	LAPPED SEAT IN VALVE	306281142
08/10/83	CC PUMP	2-CC-P-2A	PUMP SEAL LEAKS NEEDS REPAIR	REMOVE MISSILE SHIELD	303140200
08/10/83	RD VALVE	2-RD-14	ADJUST PACKING	REPACKED VALVE	305231221
08/10/83	RT VALVE	2-RT-39	ADJUST PACKING	ADJUST PACKING	305231203
08/10/83	RT VALVE	2-RT-20	ADJUST PACKING	ADJUST PACKING	305231202
08/10/83	RD VALVE	2-RD-12	ADJUST PACKING	ADJUST PACKING	305231220
08/10/83	SI VALVE	RV-2857R	REMOVE RELIEF VALVE	TESTED VALVE OK	305231130
08/10/83	RT VALVE	2-RT-1	ADJUST PACKING	ADJUST PACKING	305231200
08/10/83	MS VALVE	2-MS-96	REPACK VALVE	REPACKED VALVE	305230926
08/10/83	CH VALVE	LCV-2115	BODY TO BONNET LEAK	CLEAN VALVE EXTERIOR	305250655
08/12/83	SI BLANK	N/A	REMOVE BLANK ON PIPE	REMOVED BLANK	308121416
08/15/83	RC VALVE	PCV-2456	AIR LEAK ON DIAPHRAGM	RENEWED DIAPHRAGM	308101900
08/15/83	RC GEN	2-RC-E-1A	INSTALL DRAIN ON CHANNEL HEAD	INSTALLED DRAIN	307141609
08/15/83	RC VALVE	2-RC-80	REINSTALL BLANK FLANGE	INSTALLED BLANK FLANGE	307120651
08/15/83	CH PIPING	3/4-CH-403	INSTALL BLANK FLANGE	INSTALLED REMOVED FLANGE	307090842
08/15/83	CH PIPING	3/4-CH-406	INSTALL BLANK RCP & SEAL	INSTALLED REMOVED FLANGES	307090836
08/15/83	CH PLANGE	RV-2257	INSTALL BLANK PLANGE	INSTALLED AND REMOVED BLANK	307100716
08/15/83	CH VALVE	RV-2257	REMOVE & REINSTALL RV-2257	VALVE REMOVED FROM SYSTEM	307100718
08/15/83	RC VALVE	2-RC-11	REPLACE VALVE	REPACKED VALVE	307031937
08/15/83	CH VALVE	2-CH-332	PACKING LEAK-REPACK	REPACKED VALVE	307031933
08/15/83	CH VALVE	HCV-2389	PACKING LEAK	REPACKED VALVE	307031950
08/15/83	SI VALVE	2-SI-338	PACKING LEAK-REPACK	PACKED VALVE	307031947
08/15/83	CH VALVE	LCV-2460A	VALVE HAS PACKING LEAK	PACKED VALVE	307031942
08/15/83	RC VALVE	HCV-2556A	VALVE HAS PACKING LEAK	REPACKED VALVE	307031940
08/15/83	RC VALVE	HCV-2557A	VALVE HAS PACKING LEAK	REPACKED VALVE	307031939
08/15/83	PH CRANE	N/A	PROVIDE MECH AND MACHINST	COMPLETED	307051759
08/15/83	IA PIPING	N/A	REDUCER CRACKED	REPLACE REDUCER	308052017
08/15/83	RC VALVE	2-RC-10	STEM PACKING LEAK	ADJUST PACKING	308052104
08/15/83	SI TUBING	LT-2-930	REPAIR WELD TUBING	TIGHTENED WEDGELOCK FITTING	308021414
08/15/83	CR CRANE	N/A	CABLE TWISTED	STRAIGHTENED CABLE	308030645
08/15/83	IA PIPING	N/A	SOLDER BROKEN CONNECTION	INSPECTED AND BOUND VLV & AIR LINE	308011031
08/15/83	CH VALVE	MOV-2275R	REPACK VALVE	REPACKED VALVE	305250250
08/15/83	CH VALVE	MOV-2275A	REPACK VALVE	REPACKED VALVE	305250249
08/15/83	CH VALVE	MOV-2286A	REPACK VALVE	REPACKED VALVE	305250248
08/15/83	CC VALVE	RV-CC-216C	REMOVE VLV FROM SYS TEST & REINSTALL	INSTALLED VALVE WITH NEW GASKETS	303141058
08/15/83	IA VALVE	2-IA-D-4A	MOISTURE TRAP DRAIN VALVE LEAKS	RECONDITIONED PETCOCK	302271438

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS
UNIT: 2

DEPT: MECH

RET/HRVDT	SYS	COMP	MARKNO	SUMMARY	WKPERF	MR
08/15/83	SI	VALVE	RV-2858A	REMOVE RV-2858A TEST	REMOV VLV TESTED WITH NITROGEN	307231430
08/15/83	SI	VALVE	RV-2858B	REMOVE RV-2858B	REMOV VLV TESTED WITH NITROGEN	307231429
08/15/83	SI	VALVE	RV-2858C	REMOVE RV-2858C TEST	REMOV VLV TESTED RELIEF	307231402
08/15/83	SI	VALVE	2-SI-244	REPACK VALVE	REPACKED VALVE	305172321
08/15/83	SI	VALVE	2-SI-249	REPACK VALVE	REPACKED VALVE	305172323
08/15/83	SI	VALVE	2-SI-247	REPACK VALVE	REPACKED VALVE	305172322
08/15/83	RC	GEN	2-RC-E-1A	REMOVE PRIMARY MANWAYS	REMOVED+REINSTALLED HOT LEG ONLY	306270819
08/15/83	CH	TRANSMI	FT-2110	REPAIR FLANGE LEAK	INSTALLED NEW FLOW TUBE	306161821
08/15/83	RC	RIG	N/A	INSTALL HEAD LIFTING RIG	INSTALLED HEAD LIFTING RIG	306090650
08/15/83	PW	PUMP	2-PW-P-3A	UNCOUPLE PUMP	ALIGNED AND COUPLED PUMP	306080928
08/15/83	CH	FLOWTUBE	FT-110	REMOVE OLD FLOWTUBE	INSTALLED NEW FLOW TUBE	212210929
08/15/83	PW	VALVE	2-PW-131	OVERHAUL LEAKS THRU	LAPPED SEATS	301131002
08/16/83	CH	TUBE	FT-2-113	INSTALL NEW FLOW TUBE	INSTALLED SPOOL PIECE FLOW TUBE	307281043
08/19/83	CH	FLANGE	2-CH-326	LARGE GASKET LEAKS	REPLACED GASKET	307031452
08/19/83	CC	VALVE	2-CC-913	VALVE SEAT LEAKS BY	INSTALL PIPE CAP	307031434
08/19/83	CH	FLANGE	RV-2209	INSTALL/REMOVE BLANK	INSTALLED BLANK FLANGE	307100714
08/19/83	CH	PIPING	3/4-CH-409	INSTALL BLANK FLANGE	INSTALLED+REMOVED BLANK FLANGE	307090832
08/19/83	RC	VALVE	MOV-2594	PACKING LEAK	REPLACED WITH 20 RINGS	304211406
08/19/83	PC	DISC	N/A	CHECK BOTH PRT RUPTURE DISC	RENEWED RUPTURED DISC	304200204
08/19/83	CH	VALVE	RV-2203	REMOVE RELIEF VALVE	REMOVED TESTED+REINSTALLED	305231154
08/19/83	CH	VALVE	RV-2209	REMOVE RELIEF VALVE	REMOVE VALVE AND TEST	305231205
08/20/83	VS	DAMPER	MOD-VS-201B	DAMPER LEAKS	DAMPER CHECKED SAT	304210630
08/22/83	SI	VALVE	RV-2845B	REMOVE RELIEF VALVE	TESTED VALVE	305231156
08/22/83	CH	VALVE	1-CH-111	VALVE DIFFICULT TO CLOSE	INSTALLED NEW BONNET	306031243
08/22/83	VS	FAN	2-VS-F-1A	RESET CONT RECIRC FAN	ADJUSTED FAN TO 6 DEGREE'S	306221114
08/22/83	SI	VALVE	HCV-2898	HCV 2898 LEAKS BY	REPLACED SEAL	301071112
08/22/83	SI	VALVE	2-SI-142	ADJUST PACKING	ADJUSTED PACKING	212171120
08/22/83	CH	VALVE	2-CH-185	VALVE LEAKS BY WHEN SHUT	REPLACE VALVE	208291408
08/22/83	RC	VALVE	2-RC-48	REINSTALL BLANK FLANGE	REINSTALLED BLANK FLANGE	307120650
08/22/83	RC	VALVE	2-RC-9	REINSTALL BLANK FLANGE	INSTALLED BLANK FLANGE	307120644
08/22/83	RC	VALVE	2-RC-29	VALVE HAS PACKING LEAK	ADJUSTED PACKING GLAND NUTS	307031438
08/22/83	CH	VALVE	2-CH-142	PACKING LEAK-REPACK	REPACK VALVE	307031432
08/22/83	SI	VALVE	2-SI-336	PACKING LEAK-REPACK	ADJUSTED PACKING+CLEANED UP VALVE	307031449
08/22/83	SI	VALVE	2-SI-337	PACKING LEAK-REPACK	ADJUSTED PACKING+CLEANED UP VALVE	307031448
08/22/83	SI	VALVE	2-SI-341	PACKING LEAK-REPACK	ADJUSTED PACKING+CLEANED UP VALVE	307031446
08/22/83	SI	VALVE	2-SI-339	PACKING LEAK-REPACK	ADJUSTED PACKING	307031445
08/22/83	RC	VALVE	2-RC-49	STEM PACKING LEAK	ADJUSTED PACKING GLAND NUTS	308052103
08/22/83	PH	SIGNS	N/A	MOUNT SIGNS ON MAN CRANE	INSTALLED TWO SIGNS	307260809
08/22/83	SI	VALVE	2-SI-342	VALVE LEAKING BORIC ACID	ADJUSTED PACKING	308081654
08/22/83	PW	MOV	MOV-PW-251E	MOV-PW-251E HAS BODY TO BONNET LEAK	TIGHTENED ALL NUTS	308120142
08/22/83	SW	PUMP	2-SW-P-5C	SUCTION LINE PLUGGED UP	CLEANED OUT VALVE	308112310
08/22/83	CC	VALVE	2-CC-11	PACKING LEAK	ADJUSTED PACKING	308152200
08/22/83	CH	CONDUIT	2-CH-P-1B	ELECT CONDUIT BROKEN	CONDUIT REPLACED MECHANICAL ADJUST	312171002
08/23/83	MS	VALVE	TV-MS-201C	VALVE WILL NOT FULLY CLOSE	ADJUSTED POSITION OF STROKE ARM	308151435
08/23/83	RT	VALVE	2-RT-18	REMOVE LAGGING	REPACKED VALVE	308150306
08/23/83	CH	VALVE	2-CH-314	VALVE HAS PACKING LEAK	REMOVED AND REPLACED PACKING	307031441

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DEPT: MECH
 MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS
 UNIT: 2

DEPT: MECH	RET:SAVDT	SYS	COMP	NAIKNO	SUMMARY	WKPEN	MR
08/24/83	SI	VALVE	TV-SI-201A	VALVE LEAKS EXCESSIVELY	LAPPED SEAT	307051250	
08/24/83	CV	VALVE	2-CV-2	VALVE LEAKS EXCESSIVELY	GRIND SEAT AN GATE	307120854	
08/24/83	CV	SOV	HCV-CV-200	VALVE LEAKS EXCESSIVELY	DISASSEMBLE VALVE AND INSPECT	307120850	
08/24/83	SI	VALV	TV-SI-201A	VALV HAS EXCESSIVE LEAKAGE	LAPPED SEAT REPLACED SEAT	307191933	
08/24/83	DA	VALVE	2-DA-55	LEAKING MONITORING VALVE	REPLACE DIAPHRAM	307180935	
08/24/83	HS	NIPLR	N/A	BROKEN PIPE NIPLR	INSTALLED NEW THERMOMETER WELL	308011145	
08/24/83	AS	VALVE	2-RS-177	VALVE HAS BODY TO BONNET LEAK	REPLACED VALVE	308161851	
08/24/83	AS	VALVAF	HCV-RS-204	VALVE DO NOT GO FULLY TRAVEL	ADJUSTED STONES	308170521	
08/24/83	RC	PIPING	2-SRC-P-1R	REPLACE NIPLR	REPLACE NIPLR IN FLANGE ASSEMBLY	308081126	
08/24/83	RC	STM GEN	2-RC-E-1C	REPAIR BOLT NO 11	INSTALLED HELICOIL	308110926	
08/24/83	AS	VALVE	TV-RS-209	LEAKS BY WHEN SHUT	REPAIRED INTERNALS REPLACED GASKETS	212250600	
08/24/83	SI	RIKAK	2-SI-TK-1A	REMOVE BLANK	REMOVED BLANK AND WIRE TO PIPE	306221531	
08/24/83	SI	RIKAK	2-SI-TK-1C	REMOVE BLANK	REMOVED BLANK AND WIRE TO PIPE	306221528	
08/24/83	CH	VALVE	2-CH-83	REPAIR BODY TO BONNET LEAK	REPLACED BONNET AFTER INSPECTING	306161824	
08/24/83	RS	SEAL	2-RS-P-2R	LEAK BY	REPLACE DIAPHRAM	306250400	
08/24/83	SI	VALVE	RV-2845C	REMOVE RELIEF VALVE	TESTED RELIEF VALVE	305231129	
08/24/83	CH	VALVE	2-CH-179	VALVE WILL NOT HOLD PRESSURE	REPLACED BONNET ASSY	303791909	
08/25/83	RC	VALVE	PCV-2455R	BODY TO BONNET LEAK	REPLACED VALVE BONNET GASKETS	304241852	
08/25/83	CH	VALVE	2-CH-437	PORIC ACID RESINIE	REPLACED VALVE	306300921	
08/25/83	SS	UNION	TV-SS-200R	LEAK ON 2ND UNION	TIGHTENED	306300942	
08/25/83	RC	SPOOLPC	3/4-VA-104	REMOVE SPOOL PIECE	REMOVED BLANK	306221525	
08/25/83	RC	MOV	MOV-2595	VALVE NEEDS REPACKING	REPACK VALVE	205242314	
08/25/83	CH	VALVE	2-CH-174	VALVE HAS BODY TO BONNET LEAK	REPLACED DIAPHRAM	202150656	
08/25/83	VS	FAN	2-VS-P-1C	ALL BOLTS MISSING	INSTALL NEW BOLTS-NUTS	308170740	
08/25/83	SV	IX	2-SV-E-1R	CHEK FOR TIRE LEAK	REPLACE HELIFLOW	308160201	
08/25/83	VS	PIPING	2-VS-AC-9	LINES CLOGGED	UNCLOGGED DRAIN	308222120	
08/25/83	FW	VALVE	2-FW-40	VALVE LEAKS	REPLACED VALVE	307281059	
08/25/83	RC	PUMP	2-RC-P-2R	REMOVE HEATER PLUGS	REMOVE HEATER HOLE	307270412	
08/25/83	CH	FLANGE	2-CH-375	REMOVE BLANK FLANGE	REMOVED BLANK FLANGE	307050407	
08/25/83	CH	FLANGE	2-CH-375	INSTALL TEST COUN FLANGE	INSTALLED TEST CONNECTION ON FLANGE	307050405	
08/25/83	RS	DIAPH	2-RS-P-2H	CHEK FOR RIPT DIAPH	INSTALLED NEW DIAPHRAM	307061020	
08/30/83	SI	FLANGE	N/A	INSTALL BLANK FLANGES	REMOVE BLANKS	307050400	
08/30/83	PG	VALVE	2-PG-132	REPLACE DIAPHRAM	REPLACED DIAPHRAM	308230228	
08/30/83	CH	VALVE	MOV-2350	BODY TO BONNET LEAK	CHANGED BODY TO BONNET	308241302	
08/30/83	RC	REACTOR	N/A	TAKE PICTURES+MEASUREMENTS	PICTURES+MEASUREMENTS TAKEN	308241205	
08/30/83	CH	PIPING	2-CH-P-1A	OIL LEAK AT INLET	CORRECTED OIL LEAK	308260746	
08/30/83	CS	VALVE	2-CS-50	VALVE LEAKS BY	INSTALLED PIPE	308251247	
08/30/83	CH	VALVE	2-CH-78	VALVE LEAKS BY	REPLACED DIAPHRAM	308241306	
08/30/83	VS	FAN	2-VS-P-1C	BLADES TO FAN BROKEN OFF	REPLACED WHEEL	308181548	
08/30/83	SI	PIPING	MOV-2867C	SEAL LEAKOFF LINE UNION LEAK	TIGHTEN WHEELS	208210410	
08/30/83	SI	PIPING	MOV-2869R	SEAL LEAKOFF LINE HAS LEAK	ADJUSTED PACKING	208210400	
08/30/83	SI	VALVE	MOV-2867D	MOV 2867D HAS STEK PACKING LEAK	REPACKED VALVE	301942149	
08/30/83	SI	RESTRAINT	2-SI-P-1R	LOOSEN SEISMIC RESTRAINT	LOOSEN SEISMIC RESTRAINTS	306221558	
08/30/83	SI	RESTRAINT	2-SI-P-1A	LOOSE SEISMIC RESTRAINT	LOOSEN SEISMIC RESTRAINTS	306221555	
08/30/83	RS	RESTR	2-RS-P-2R	LOOSE SEISMIC RESTRAINT	LOOSEN SEISMIC RESTRAINTS	306221602	
08/30/83	RS	PESTRNT	2-RS-P-2A	LOOSEN SEISMIC RESTRAINT	LOOSEN SEISMIC RESTRAINTS	306221600	

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MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS
UNIT: 2

DEPT: NRCH

RET:FWUT	SYS COMP	MAINTNO	SUMMARY	WKPENP	HR
08/30/83	SI	2-SI-163	ADJ OR RSPL PACKING	ADJUSTED PACKING	305250256
08/30/83	CH	2-CH-159	REPACK VALVE	REPACKED VALVE	305250704
08/30/83	CH	2-CH-156	REPACK VALVE	REPACKED VALVE	305250703
08/30/83	CH	2-CH-155	REPACK VALVE	REPACKED VALVE	305250702
08/30/83	CH	2-CH-154	REPACK VALVE	REPACKED VALVE	305250701
08/30/83	CH	2-CH-153	REPACK VALVE	REMOVED TWO RINGS OF PACKING	305250700
08/30/83	CH	2-CH-152	REPACK VALVE	REMOVED TWO RINGS OF PACKING	305250659
08/30/83	CH	2-CH-151	REPACK VALVE	REMOVED THREE RINGS OF PACKING	305250658
08/30/83	CH	2-CH-150	REPACK VALVE	REPACKED VALVE	305250657
08/30/83	CH	2-CH-163	REPACK VALVE	REPACKED VALVE	305250706
08/30/83	CH	2-CH-161	REPACK VALVE	REPACKED VALVE	305250705

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

ELECTRICAL MAINTENANCE

NONE DURING THIS REPORTING PERIOD.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

ELECTRICAL MAINTENANCE

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS

UNIT: 2

DEPT: ELEC

RETSEVDT	SYS COMP	MARKNO	SUMMARY	WKPERS	TR
08/01/83	CV VALVE	TV-CV-250D	LIFT LEADS STO VALVE	DISCONNECTED+RECONNECTED VALVE	307181734
08/01/83	RII MOTOR	2-RII-P-1A	DISCONNECT+RECONNECT MOTOR	DISCONNECTED REPLACED AIR SHIELD	307213840
08/01/83	SI VALVE	TV-SI-201A	ATTACH LIMIT SWITCH	ADJUSTED LIMITS	307211842
08/02/83	SI VALVE	MOV-2890C	VALVE WILL NOT STROKE	CONTACTS DIRTY CLEANED	307272350
08/02/83	RS VALVE	MOV-RS-255A	ASSIST MECH MAINT	ADJUSTED LIMITS AND CYCLED VLV SAT	308011715
08/03/83	CH MOV	MOV-2286B	PERFORM PMS	PMS COMPLETE	307281451
08/03/83	SI VALVE	MOV-2869B	VALVE DID NOT CLOSE	ADJUSTED LIMIT SW	307200634
08/04/83	CV VALVE	TV-CV-250C	ADJUST LIMITS	ADJUSTED LIMIT SWITCH	308031949
08/05/83	EPH BREAKER	25J9	PERFORM EPH-CH-E/R1	PERFORMED PMS EPH-CH-E/R1	306241041
08/05/83	EPL BREAKER	24H11	PERFORM PMS	PERFORMED PMS EPL-CH-E/A1	306241326
08/05/83	EPL BREAKER	24H1	PERFORM PMS	COMPLETED PMS EPL-CH-E/R1	306241319
08/05/83	PC PUMP	25B3	PERFORM EMP-P-RT-71	PERFORMED EMP-P-RT-70 SATISFACTORY	306131211
08/05/83	EPH PUMP	25A3	PERFORM EMP-P-RT-70	PERFORMED EMP-P-RT-70 SATISFACTORY	306131202
08/06/83	EPL BREAKER	24J12	PERFORM PMS	PERFORMED PMS EPL-CH-E/A1	306241316
08/06/83	EPH BREAKER	25H9	PERFORM PMS	PERFORMED PMS EPH-CH-E/R1	306241044
08/06/83	EPL BREAKER	RX RYP B	REMOVE OVERCURRENT TRIP BRACKETS	BRACKETS REMOVED	305030815
08/06/83	ETL BREAKER	N/A	REMOVE OVERCURRENT TRIP BREAKER	BRACKET REMOVED	305030818
08/06/83	EPL BREAKER	N/A	REMOVE OVERCURRENT TRIP BRACKETS	BRACKETS REMOVED	305030817
08/06/83	EPL BREAKER	24J15	PERFORM PMS EPL-CE-E/5A1	PERFORM PMS EPL-CH-E/5A1	308020743
08/06/83	CV VALVE	2-TV-250H	DISCONNECT WIRING	DISCONNECTED AND RECONNECTED SAT	307281950
08/06/83	EPH BKR	2-CW-P-1A	BKR LINKAGE FAILS TO ACTUATE	REPAIRED BENT BAR	307191145
08/06/83	PF PENE	4E 6 IN.	PENE GAUGE WONT HOLD PRESS	REPLACED BROKEN FITTING WITH NEW ONE	307030800
08/07/83	RS MOTOR	2-RS-P-1B	PERFORM PMS	PERFORMED PMS RSP-E/R1	306241328
08/08/83	ETH PUMP	25H5	PERFORM EMP-P-RT-67	PERFORMED EMP-P-RT-67	306131440
08/08/83	ETH UNDERVOL	25J3A	PERFORM EMP-P-RT-87	PERFORMED EMP-P-RT-87	306131255
08/08/83	ETH UNDERVOL	25H3A	PERFORM EMP-P-RT-86	PERFORMED EMP-P-RT-86	306131238
08/08/83	EPH PUMP	25J2	PERFORM EMP-P-RT-81	PERFORMED EMP-P-RT-81	306131247
08/08/83	EPH PUMP	25H11	PERFORM EMP-P-RT-59	PERFORMED EMP-P-RT-59 COMPLETED	306131246
08/08/83	CH MOV	MOV-2283B	ADJUST LIMITS	REPLACED TORQUE SWITCH	307311400
08/08/83	CC PUMP	2-CC-P-2A	DISCONNECT AND RECONNECT MOTOR	DISCONNECTED+RECONNECTED SAT	308022035
08/08/83	CH VALVE	HCV-2200C	INSTALL SWITCHES	REPLACED LIMIT SWITCHES	308081436
08/09/83	CH VALVE	HCV-2200A	INSTALL LIMIT SWITCHES	INSTALLED+ADJUSTED LIMIT SWITCHES	308081435
08/10/83	RC SWITCH	PCV-2456	ADJUST LIMIT SWITCHES	ADJUSTED LIMIT SWITCHES	308051214
08/10/83	RC SWITCH	PCV-2455C	ADJUST LIMIT SWITCHES	ADJUSTED LIMITS SAT	308051213
08/10/83	RC MOTOR	MOV-2590	MOTOR HAS OIL LEAK	CHECKED MOTOR NO OIL LEAK	307031451
08/10/83	PF PENE	12-A	HOLE FOR FIT NEEDS TO BE RETAPPED	FOUND NO PROBLEM WIT PENETRATION	307070744
08/11/83	CH VALVE	HCV-2311	VALVE WILL NOT CLOSE	VALVE CYCLED NO PROBLEM FOUND	307120640
08/11/83	SI SOV	HCV-2898	SOV NEEDS REPAIR	FOUND NO PROBLEM WITH SOV CYCLED	307251540
08/12/83	CH VALVE	HCV-2200B	INSTALL LIMIT SWITCHES	REPLACED LIMIT SWITCH	308081437
08/15/83	CC SWITCH	2-CC-TV-210B	ADJUST LIMIT SWITCH	NO ADJUSTMENT NECESSARY AS VLV CYCLE	308021516
08/15/83	SI MOTOR	MOV-2890A	LOW NEG READINGS	DISCONNECTED AND REPAIRED MOTOR SAT	307280243
08/15/83	RS MOTOR	2-RS-P-3B	INSPEC ELEC INTERL	INSPECTED INTERLOCKS SAT	306241528
08/15/83	EE BREAKER	1 COMP	INSPEC ELEC INTERL	INSPECTED INTERLOCKS SAT	306241526
08/15/83	FW BREAKER	2-FW-P-3B	INSPEC ELEC INTERL	INSPECTED INTERLOCKS	306241526
08/15/83	CS MOTOR	2-CS-P-1B	INSPEC ELEC INTERL	INSPECTED INTERLOCKS SAT	306241520

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS
UNIT: 2

DEPT: ELEC

DATE/TIME	SYS COMP	MARKNO	SUMMARY	WOPER	NR
08/19/83	EPL BREAKER	24/1	PERFORM PSSS	PMS COMPLETE	306241112
08/19/83	CC BREAKER	25/10	PERFORM CC-CB-E/R1	PERFORMED PMS CC-CB-E/R1	306241342
08/19/83	EPH PUMP	25/6	PERFORM EMP-P-RT-68	PERFORMED EMP-P-RT-68 SAT	306111441
08/19/83	IS BRK	2-RS-P-1A	REPAIR TRIP WINDOW	REPAIR TRIP WINDOW	307271515
08/19/83	PH OTHER	N/A	ASSIST OPS WITH REFUELING EFFORT	ASSISTED OPS WITH REFUELING	307180815
08/19/83	PH OTHER	N/A	ASSIST OPS WITH REFUELING EFFORT	ASSISTED OPS WITH REFUELING	307180814
08/19/83	PW MOV	MOV-PW-251P	MOV WORKS STAY CLOSED	CYCLED SAT	307050610
08/19/83	VS MOTOR	2-VS-P-1B	DISCONNECT RECONNECT	DISCONNECT+RECONNECT MOTOR	308101550
08/20/83	SI CONT	MOV-2890A	COVER IS MISSING	REPLACED COVER ON MOV	309181502
08/20/83	CV VALVE	BCV-CV-200	VALVE ISS NOT CYCLE	FOUND AIR ISOLATED TO VALVE	308151734
08/20/83	IC SWITCH	IAI-2-459	CLEAN CONTACTS ON DEFEAT SWITCH	CLEANED CONTACTS ON DEFEAT SW	307120530
08/20/83	SW PMP MTR	2-SW-P-10A	REPLACE MISSING SPL SHIELD	INSTALLED SPLASH SHIELD OVER MTR	307142000
08/20/83	CV VALVE	TV-CV-250C	VALVE WILL NOT SHUT	MECH PROBLEM WITH VLV CYCLED VLV SAT	308030730
08/21/83	SI VALVE	2-SI-9	HEAT TRACE VALVE	HEAT TRACED VALVE AND PIPING	308050658
08/21/83	SI HT TRAC	N/A	REMOVE HEAT TRACING	REMOVED AND INSTALLED HEAT TAPE	307250101
08/21/83	PI FR DR	20	DOOR NOT LATCHING	REPLACED COIL	308101020
08/22/83	SW ELEC	TI-SW-205A	FLEXIBLE CONDUIT MISSING	REPLACED FLEX CONDUIT AND WIRE	308131501
08/22/83	SW ELEC	TI-SW-205S	FLEXIBLE CONDUIT MISSING	FLEX CONDUIT UNIT	308101502
08/22/83	PH BRKR	25A9	PERFORM PMS	PERFORMED PMS EPH-CB-E/3A1	309011653
08/22/83	CH WIRING	PT-2-110	REWIRE AC TO CONVERTER	REPAIRED LIQUIDTITE CONNECTED LEADS	307281714
08/22/83	PW MOTOR	2-PW-P-3A	DISCONNECT+RECONNECT	DISASSEMBLE INSPECT REASSEMBLE	306021042
08/24/83	EPH BRKER	25/1	PERFORM EMP-P-RT-57	PERFORMED EMP-P-RT-57 SAT	306131244
08/24/83	EPH FEEDR	25/8	PERFORM EMP-P-RT-63	PERFORMED EMP-P-RT-63A SAT	306131243
08/24/83	EPH FEEDR	25/8	PERFORM EMP-P-RT-80	PERFORMED EMP-P-RT-80A SAT	306131251
08/24/83	EPH XPMR	25/7	PERFORM EMP-P-RT-65	PERFORMED EMP-P-RT-65 SAT	306131250
08/24/83	EPH PUMP	25/5	PERFORM EMP-P-RT-75	PERFORMED EMP-P-RT-75 SAT	306131249
08/24/83	EPH PUMP	25/4	PERFORM EMP-P-RT-66	PERFORMED EMP-P-RT-66	306131248
08/24/83	EPH XPMR	25/17	PERFORM EMP-P-RT-56	PERFORMED EMP-P-RT-56 SAT	306131242
08/24/83	EPH PUMP	25/11	PERFORM EMP-RT-60	PERFORMED EMP-P-RT-60 SAT	306131254
08/24/83	EPH PUMP	25/10	PERFORM EMP-P-RT-64	PERFORMED EMP-P-RT-64 SAT	306131253
08/24/83	EPH BUS	25/9	PERFORM EMP-P-RT-58	PERFORMED EMP-P-RT-58 SAT	306131252
08/24/83	EPH LEADS	N/A	PERFORM EMP-P-RT-136	PERFORM EMP-P-RT-136 SAT	306131309
08/24/83	EPH XPMR	PAR 10	PERFORM EMP-P-RT-130	COMPLETED EMP-P-RT-130 SAT	306131308
08/24/83	CH HT	PNLRCKT1A	LOW AMPS	REPLACED HEAT TRACE NO VISIBLE	308231013
08/30/83	SI VALVE	MOV-2890C	VALVE WILL NOT OPERATE ELEC	REPLACED AUX CONTACTS	308211434
08/30/83	CH MOV	LCV-2115B	PERFORM PMS CH-MOV-E/A1	PERFORMED PMS CH-MOV-E/A1	308191447
08/30/83	SW MONITOR	2A30	ALARM FAILS TO CLEAR	CHECKED OUT CARD	307230850

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 1

INSTRUMENT MAINTENANCE

NONE DURING THIS REPORTING PERIOD.

MAINTENANCE OF SAFETY RELATED SYSTEMS DURING
OUTAGE OR REDUCED POWER PERIODS

UNIT NO. 2

INSTRUMENT MAINTENANCE

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MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS

UNIT: 2

DEPT: INST

DATE/TIME	SYSTEM	COMP	MAINNO	SUMMARY	WKPTRF	TIME
08/02/83	RI	RANGE	RI-2-32B	RANGE READS 100 COUNTS	CHECKED DRAWER FOUND NO PROBLEMS	307240809
08/03/83	RI	MONITOR	RI-RMS-259	MONITOR ERRATIC	REPLACED DETECTOR CAL NEW ONE	308021915
08/04/83	IC	VALVE	SOV-IG-208A	ATR LEAK	REPLACED TURNING AND GAUGE	307260752
08/05/83	PR	THRESHOLD	N/A	REPLACE AMPLIFIER BOARD	REPLACED REQUIRED BOARD TO UPGRADE	307290835
08/05/83	MS	DIVIDER	PH-995	CALIBRATE	CALIBRATE PER IMP CHECK SAT	307302153
08/07/83	MS	DIVIDER	PH-995	CALIBRATE	CALIBRATE PER IMP CHECK SAT	307302207
08/12/83	IA	LIRE	TV-CC-209A	INST AIR TO TV-CC-209A CRACKED	REPLACED OLD TURNING	307271331
08/12/83	IC	THRESH	LT-PC-207	REPLACE AMPLIFIER	UPGRADE TRANSMITTER	308060825
08/12/83	RI	MONITOR	RI-260	MONITOR OUT OF CALIBRATION	PERFORMED CAL-RM-004	308071000
08/12/83	SW	SWITCH	PS-SW-203B	ALARM COMES IN	ADJUSTED PRESSURE SWITCH	307230820
08/12/83	IC	INSTR	FC-2-981A	HIGH PRESSURE FITTING LEAKING	REPLACED IMAGED FITTING	307172000
08/12/83	CC	VALVE	TV-CC-209A	INSTALL INLINE AIR FILTER	REPLACED OLD TURNING	307160409
08/12/83	CC	VALVE	TV-CC-209H	INSTALL INLINE AIR FILTER	REPLACED TURNING	307160408
08/12/83	PA	THRESH	LT-DA-200	CONT SUPP PUMPS DONT TURN OFF	ADJUSTED MAG AMP SETPOINTS	307130330
08/12/83	CS	GAUGE	2-CS-P-21R	REPLACE DISCHARGE PRESSURE GAUGE	GAGE BROKEN	308071129
08/12/83	IS	MONITOR	RI-CH-21R	MONITOR OUT OF CALIBRATION	PERFORMED CAL-RM-004	308071010
08/13/83	CS	GAUGE	2-CS-P-2A	REPLACE DISCHARGE PRESS GAUGE	RECALIBRATED LOOP REPLACED FLAPPER	308131100
08/19/83	RI	REORDER	RR-45	BLUE PEN IS NOT TRACKING	ADJUSTED WIPER TO SLIDEMIRE REALIGN	308060647
08/21/83	IA	SWITCH	PS-204A-D	INVESTIGATE ALARM	CHECKED OUT ALARM CIRCUIT	307141610
08/21/83	SW	INSTR	TL-SW-205B	REPAIR OR REPLACE RTD	INSTALLED NEW RTD OP SAT	207100948
08/24/83	CH	THRESH	FT-2110	DISC AND RECON ELEC	RECONNECTED WIRING	307231425
08/25/83	IC	CHANN	N/A	ALARM COMES IN	INVESTIGATE PROBLEM AN CAL	306270920
08/26/83	MS	INSTR	T-MS-200	REMOVE BROKEN PIPE NIPPLE	REPLACED BROKEN TIC	304221129
08/30/83	IC	FITTING	PCV-2455R	REPLACE TUBE FITTING	REPLACED LEAKY FITTING	308231255
08/30/83	CH	PUMP	2-CH-P-1A	OIL LEAKS	TIGHTENED CONNECTIONS	308270308

HEALTH PHYSICS

None during this reporting period.

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

August, 1983

<u>PROCEDURE NO.</u>	<u>UNIT</u>	<u>TITLE</u>	<u>DATE DEVIATED</u>	<u>DATE SNSOC REVIEWED</u>
SAM 8.1	2	Procedure for Temporary Lead Shielding, Request, Installing, Removal and Accountability	6-28-83	8-25-83
OP 20.4	2	Radwaste Shipping Containers	7-20-83	8-04-83
MMP-C-G-017	1	Corrective Maintenance Procedure for Piping/Components (Repair/ Replacement Program)	6-03-83 6-05-83	8-11-83 8-11-83
MMP-C-RC-055	1	Removal, Storage and Replacement of Seal Water Injection Filter Internals	6-17-83	8-04-83
PT 10.4	2	Containment Isolation Valve Leakage	6-30-83 7-06-83 7-24-83 7-25-83 7-27-83 7-31-83 8-02-83	8-18-83 8-18-83 8-18-83 8-18-83 8-18-83 8-18-83 8-18-83
PT 34	1	Electrical Penetration Leakage Test	8-04-83	8-25-83
PT 53.1	1,2	ASME System Pressure Test-Repair Modification of Steam Generators Recirculation Transfer System X-Tie 2H-504	8-03-83	8-25-83

VIRGINIA ELECTRIC AND POWER COMPANY
RICHMOND, VIRGINIA 23261

W. L. STEWART
VICE PRESIDENT
NUCLEAR OPERATIONS

September 15, 1983

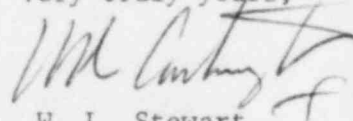
Mr. N. M. Haller, Director
Office of Management and Program Analysis
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Serial No. 522
NO/WDC:acm
Docket Nos. 50-280
50-281
License Nos. DPR-32
DPR-37

Dear Mr. Haller:

Enclosed is the Monthly Operating Report for Surry Power Station Unit Nos. 1 and 2 for the month of August, 1983.

Very truly yours,


W. L. Stewart

Enclosure (3 copies)

cc: Mr. R. C. DeYoung, Director (12 copies)
Office of Inspection and Enforcement

Mr. James P. O'Reilly (1 copy)
Regional Administrator
Region II

Mr. D. J. Burke
NRC Resident Inspector
Surry Power Station

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