

VIRGINIA ELECTRIC AND POWER COMPANY

SURRY POWER STATION

MONTHLY OPERATING REPORT

REPORT NO. 80-12

DECEMBER, 1980

APPROVED:

J. W. L. S. M.

8101200 297

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OPERATING DATA REPORT

DOCKET NO. 50-280
 DATE 01-08-81
 COMPLETED BY S. D. Dunn
 TELEPHONE (804) 357-3184

OPERATING STATUS

Notes

1. Unit Name: Surry Unit #1
2. Reporting Period: 12-01-80 - 12-31-80
3. Licensed Thermal Power (MWt): 2441
4. Nameplate Rating (Gross MWe): 847.5
5. Design Electrical Rating (Net MWe): 822
6. Maximum Dependable Capacity (Gross MWe): 740
7. Maximum Dependable Capacity (Net MWe): 704
8. If Changes Occur in Capacity Ratings (Items Number 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	<u>744.0</u>	<u>8784.0</u>	<u>70368.0</u>
12. Number Of Hours Reactor Was Critical	<u>0</u>	<u>3786.9</u>	<u>42538.5</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>182.6</u>	<u>3731.5</u>
14. Hours Generator On-Line	<u>0</u>	<u>3763.8</u>	<u>41668.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>183.6</u>	<u>3736.2</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>8674529.0</u>	<u>96389401.0</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>2621245.0</u>	<u>31301743.0</u>
18. Net Electrical Energy Generated (MWH)	<u>0</u>	<u>2473025.0</u>	<u>29699924.0</u>
19. Unit Service Factor	<u>0%</u>	<u>42.8%</u>	<u>59.2%</u>
20. Unit Availability Factor	<u>0%</u>	<u>44.9%</u>	<u>64.5%</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0%</u>	<u>40.0%</u>	<u>60.0%</u>
22. Unit Capacity Factor (Using DER Net)	<u>0%</u>	<u>34.3%</u>	<u>51.3%</u>
23. Unit Forced Outage Rate	<u>0%</u>	<u>39.1%</u>	<u>26.4%</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>N/A</u>			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: September 1, 1980

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

OPERATING DATA REPORT

DOCKET NO. 50-281
 DATE 01-08-81
 COMPLETED BY S. D. Dunn
 TELEPHONE (804) 357-3184

OPERATING STATUS

Notes

1. Unit Name: Surry Unit #2
2. Reporting Period: 12-01-80 - 12-31-80
3. Licensed Thermal Power (MWt): 2441
4. Nameplate Rating (Gross MWe): 847.5
5. Design Electrical Rating (Net MWe): 822
6. Maximum Dependable Capacity (Gross MWe): 811
7. Maximum Dependable Capacity (Net MWe): 775
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	744.0	8784.0	67248.0
12. Number Of Hours Reactor Was Critical	744.0	3284.1	37784.0
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744.0	3140.4	37136.6
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1817675.0	7260578.0	86454661.0
17. Gross Electrical Energy Generated (MWH)	597110.0	2370150.0	26105859.0
18. Net Electrical Energy Generated (MWH)	566703.0	2241883.0	26778488.0
19. Unit Service Factor	100%	35.8%	55.2%
20. Unit Availability Factor	100%	35.8%	55.2%
21. Unit Capacity Factor (Using MDC Net)	98.3%	32.9%	51.4%
22. Unit Capacity Factor (Using DER Net)	92.7%	31.0%	48.4%
23. Unit Forced Outage Rate	0%	3.1%	19.8%
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			
Snubber Inspection - March, 1981 - 4 days			
Spring Maintenance - May, 1981 - 10 days			

25. If Shut Down At End Of Report Period, Estimated Date of Startup: N/A
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast	Achieved
_____	_____
_____	_____
_____	_____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December, 1980

DOCKET NO. 50-280
 UNIT NAME Surry Unit #1
 DATE 01-08-81
 COMPLETED BY S. D. Dunn
 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
80-16	12-01-80	S	744.0	A	1				Continuation of shutdown for Steam Generator Replacement Outage which commenced 09-14-80.

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 December, 1980

DOCKET NO. 50-281
 UNIT NAME Surry Unit #2
 DATE 01-08-81
 COMPLETED BY S. D. Dunn
 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 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

LOAD REDUCTIONS DUE TO ENVIRONMENTAL RESTRICTIONS

UNIT NO. 1

MONTH: December, 1980

<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 RESTRICTIONS

UNIT NO. 2

MONTH: December, 1980

<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 1-1-81
COMPLETED BY O J COSTELLO

AVERAGE DAILY UNIT POWER LEVEL

MONTH: DECEMBER 80

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEV (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 ANOMAL.

DOCKET NO 50-281
UNIT SURRY II
DATE 1-1-81
COMPLETED BY O J COSTELLO

AVERAGE DAILY UNIT POWER LEVEL

MONTH: DECEMBER 80

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	766.3	17	760.8
2	767.2	18	760.5
3	767.0	19	762.0
4	765.8	20	758.4
5	766.3	21	758.0
6	761.4	22	760.5
7	763.3	23	760.6
8	763.4	24	759.1
9	761.8	25	761.5
10	765.0	26	760.9
11	761.9	27	760.4
12	758.4	28	760.1
13	757.4	29	759.8
14	762.1	30	760.8
15	761.2	31	760.5
16	760.4		

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 ANOMAL

SUMMARY OF OPERATING EXPERIENCE

DECEMBER, 1980

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 1

DECEMBER 1 This reporting period begins with the unit at cold shutdown for steam generator replacement and major design changes.

DECEMBER 30 This reporting period ends with the unit at cold shutdown for steam generator replacement and major design changes.

UNIT 2

DECEMBER 1 This reporting period begins with the unit at 100% power.

DECEMBER 31 This reporting period ends with the unit at 100% power.

EMERGENCY PLAN TEST

The annual test of the Emergency Plan including site evacuation exercise was initiated December 2, 1980, at 1440, by simulating a dropped fuel assembly in the Spent Fuel Pit. The test was terminated at 1610 and the NRC was notified at 1713. Planning, organization and implementation of the exercise were considered satisfactory.

AMENDMENTS FACILITY LICENSE OR TECHNICAL SPECIFICATIONS

DECEMBER, 1980 •

None during this reporting period.

-11-
FACILITY CHANGES REQUIRING
NRC APPROVAL

DECEMBER, 1980

None during this reporting period.

FACILITY CHANGES THAT
DID NOT REQUIRE NRC APPROVAL

UNIT

D/C 78-08C Solid Covers on Cable Trays

1,2

This design change installed solid metal covers on all safety related instrument and control cable trays and raised vented solid top covers on all safety related power cable trays where the minimum separation between redundant trays did not meet the requirements of regulatory guide 1.7.5.

Summary of Safety Analysis

The installation of the solid metal covers protects the safety related equipment from fire and reduce the chance of a fire related accident.

D/C 78-08K Fire Dampers

1,2

This design change installed fire dampers in the ventilation ducts between fire pump house room/and room 2. Also, in the ventilation ducts in the Cable Tray Rooms 1 & 2 where they penetrate fire barriers.

Summary of Safety Analysis

The installation of the fire dampers protects the safety related equipment from fire and reduce the chance of a fire related accident.

D/C 78-21C Condenser Leak Detection System

1,2

This design change connected to the condenser hotwell provided in conjunction with the existing conductivity probes, a leak detection system that will quickly detect and accurately locate condenser tube leaks.

Summary of Safety Analysis

This modification does not create an unreviewed safety question as defined in 10CFR 50.59. No design changes which could effect the safety analysis have been made. The incorporation of the new leak detection system does not conflict with the FSAR requirements.

D/C 79-S70 CO₂ Supression System

1,2

This design change installed additional nozzles in the CO₂ System at the ceiling level of the service building and containment² penetration cable vaults which will function when the temperature reaches 190°F.

FACILITY CHANGES THAT
DID NOT REQUIRE NRC APPROVAL

	<u>UNIT</u>
<u>Summary of Safety Analysis</u> This installation of these additional nozzles improve the fire protection system and do not create an unreviewed safety question as defined in 10CFR 50.59.	1,2
<u>D/C 79-71 Control Room Smoke Dampers</u> This design change installed four smoke dampers in the ventilation of the main control room.	1,2
<u>Summary of Safety Analysis</u> This modification does not create an unreviewed safety question as defined in 10CFR 50.59. No safety margin is reduced, no different type accident possibility is created, and the consequences of a previously postulated accident has not increased.	
<u>D/C 79-72 Smoke Detection System Power Supply</u> This design change installed emergency power supply units between the power distribution panels and smoke detection panels, each consisting of a self contained sealed lead-acid battery, dedicated battery charger, solid state inverter, and line sensing automatic transfer device.	1,2
<u>Summary of Safety Analysis</u> This modification increases the reliability of the fire detection system and does not create an unresolved safety question as defined in 10CFR 50.59.	
<u>D/C 79-73 Auxiliary Building Hose Station Redundant Supply</u> This design change installs a 4" line in the fire suppression system running to the 62 foot level. Isolation valves were installed as required for system integrity.	1,2
<u>Summary of Safety Analysis</u> This modification requires no change to Technical Specifications, does not conflict with FSAR requirements, and conforms to the Surry Fire Protection Report.	
<u>D/C 79-74 Component Cooling Pump Water Spray Shield</u> This design change erects physical barriers between the pump motors and the anticipated source of spray, deflecting the spray from entering air intake and exhaust ports.	1,2
<u>Summary of Analysis</u> This spray shield will not inhibit normal air flow into or out of the pump motor; no safety problem is created.	
<u>D/C 79-78 Water Suppression System</u> This design change improved the fire protection in the service building cable vault and tunnel by installing manually activated water sprinkler systems at the ceiling level.	1,2

Facility Changes That Do Not Require NRC Approval (Continued)

UNIT

Summary of Safety Analysis

1,2

This modification provides additional fire protection and increases the safety margin.

D/C 80-18 Temporary Low-Level Radwaste Storage Facility

1,2

This design change provides a temporary low-level radwaste storage building for compaction, handling and storage. This building holds the waste volume that is expected to exceed allotment quotas during normal plant operation and during the Unit 1, SGRP.

Summary of Safety Analysis

This modification does not effect normal station operation or the operation of any Safety related equipment. On-site storage of low level dry waste is not discussed in the FSAR.

D/C 80-S27B AFB Redundant Level Indication and Alarm In Control Room

1,2

This design change installed instrument and electrical equipment for the addition of Auxiliary Feedwater redundant level indication and alarm capability in the Control Room.

Summary of Safety Analysis

This modification does not affect the Technical Specifications and the FSAR. Installation of the safety grade redundant level indication and alarm capability for the AFW System Condensate Storage Tanks does not create an unreviewed safety question as defined in 10CFR 50.59.

D/C 80-83 Charging Pump Safety Injection Automatic Removal

1,2

This design change was performed in response to I.E. Bulletin 80-18. It provided a means of removing the Safety Injection Automatic closure signal from the charging pump miniflow isolation MOV's.

Summary of Analysis

This modification increases the safety by preventing damage to the charging pumps. This interim measure is scheduled to be superceded by a more permanent method of controlling the system at a later date.

D/C 80S90 Diverse Isolation Signal Condenser Air Ejector Vent Trip Valve

1,2

This design change provides a diverse isolation signal to the condenser air ejector vent trip valve. This modification involved the re-routing of new cable over to the Engineered Safeguards' Cabinet and terminating to existing safety injection signal outputs.

Summary of Analysis

This modification provides a more diverse and effective containment isolation and complies with the requirements of NUREG-0578. This design change has no effect on the operation of other safety systems or safety related equipment.

TESTS AND EXPERIMENTS REQUIRING
NRC APPROVAL

DECEMBER, 1980

None during this reporting period.

TEST AND EXPERIMENTS THAT
DID NOT REQUIRE NRC APPROVAL

None during this reporting period.

OTHER CHANGES, TESTS AND EXPERIMENTS

DECEMBER, 1980

None during this reporting period.

-16-
SURRY POWER STATION

CHEMISTRY REPORT

December, 19 80

T.S. 6.6.3.d

PRIMARY COOLANT ANALYSIS	UNIT NO. 1			UNIT NO. 2		
	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE
Gross Radioact., $\mu\text{Ci/ml}$	*	*	*	2.51E-1	1.20E-1	1.85E-1
Suspended Solids, ppm	*	*	*	0.1	0.1	0.1
Gross Tritium, $\mu\text{Ci/ml}$	*	*	*	2.58E-1	1.61E-1	2.16E-1
Iodine-131, $\mu\text{Ci/ml}$	*	*	*	2.77E-3	1.75E-3	2.24E-3
I-131/I-133	*	*	*	1.9925	.6906	.9409
Hydrogen, cc/kg	*	*	*	47.6	39.0	42.6
Lithium, ppm	*	*	*	2.33	2.01	2.20
Boron-10, ppm +	*	*	*	152	141	147
Oxygen-16, ppm	*	*	*	.000	.000	.000
Chloride, ppm	*	*	*	0.05	0.05	0.05
pH @ 25°C	*	*	*	6.90	6.77	6.82

+ Boron-10 = Total Boron x 0.196

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

Phosphate	<u>-0-</u>	Boron	<u>534</u>
Sulfate	<u>-0-</u>	Chromate	<u>.00</u>
50% NaOH	<u>-0-</u>	Chlorine	<u>-0-</u>

Remarks: * Unit 1 shutdown, defueled, RCS drained entire month for Steam Generator

Replacement Project.

These levels of chemicals should present no major adverse environmental impact.

-17-
DESCRIPTION OF ALL INSTANCES WHERE
THERMAL DISCHARGE LIMITS WERE EXCEEDED

DECEMBER, 1980

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

December 1, 1980	*	Exceeded 15°F ΔT across station
December 2, 1980	*	Exceeded 15°F ΔT across station
December 10, 1980	*	Exceeded 15°F ΔT across station
December 13, 1980	*	Exceeded 15°F ΔT across station
December 14, 1980	*	Exceeded 15°F ΔT across station
December 15, 1980	*	Exceeded 15°F ΔT across station
December 16, 1980	*	Exceeded 15°F ΔT across station
December 20, 1980	*	Exceeded 15°F ΔT across station
December 21, 1980	*	Exceeded 15°F ΔT across station
December 22, 1980	*	Exceeded 15°F ΔT across station
December 23, 1980	*	Exceeded 15°F ΔT across station
December 24, 1980	*	Exceeded 15°F ΔT across station
December 25, 1980	*	Exceeded 15°F ΔT across station
December 29, 1980	*	Exceeded 15°F ΔT across station

*Indicates dates where station ΔT was less than 15.0°F across the station for sometime during the day.

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

On December 20, 1980 the temperature change at the station discharge exceeded 3°F per hour due to an inadvertant opening of a waterbox outlet during the draining of the Vacuum Priming System. This event was reported in accordance with T.S-4.14.C.1.

-18-
FUEL HANDLING
UNIT 1
DECEMBER, 1980

None during this reporting period.

-19-
FUEL HANDLING
UNIT 2

DECEMBER, 1980

None during this reporting period.

PROCEDURE REVISIONS THAT CHANGED THE
OPERATING MODE DESCRIBED IN THE FSAR

DECEMBER, 1980

None during this reporting period.

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

DECEMBER, 1980

A recent review of Tests conducted during 1980 revealed the following tests were not performed.

PT 17.2 Containment Inside Recirculation Spray Pump Test was not conducted on Unit No. 2 when scheduled on 8-5-80. This monthly test of the Containment Inside Recirculation Spray Pumps is to verify they will respond properly and that the motorammeter readings are comparable to the reference values. The test was conducted satisfactorily on 9-7-80.

PT 17.3 Containment Outside Recirculation Spray Pump test was not conducted on Unit No. 2 when scheduled on 8-23-80. This monthly test is to check the flow of the outside recirculation spray pumps periodically to verify they will respond properly. The test was conducted satisfactorily on 9-10-80.

PT 18.4 Boron Injection Tank test was not conducted on Unit No. 2 when scheduled on 8-14-80. This weekly test is performed to verify the Boron Injection Tank remains full during plant operations. The test was conducted satisfactorily on 8-26-80.

PT 18.8 Charging Pump Component Cooling and Service Water Pump test was not conducted on Unit No. 1 when scheduled on 5-5-80. This monthly test is to verify the performance of the charging pump component cooling and service water pumps for proper operability. The test was conducted satisfactorily on 6-5-80.

PT 19.1 RWST Chemical Addition Tank and Containment Spray System MOV's test was not conducted on Unit No. 1 when scheduled on 4-12-80. This monthly test is to cycle each MOV to it's required position for an accident. The test was conducted satisfactorily on 5-11-80.

PT 24.5B Fire Pump Reactor Coolant Pump Heat Detection test was not conducted on Unit No. 2 when scheduled on 8-5-80. This monthly test is designed to demonstrate and assure the operability of non-supervised fire protection circuits between local panels and the control room. The test was conducted satisfactorily on 9-7-80.

INSERVICE INSPECTION

DECEMBER, 1980

UNIT 1

The Westinghouse program for inservice inspection is still in progress.

Conducted a baseline eddy current inspection on the new replacement steam generators; the completion of which is pending installation. The inspection is 95 percent complete with no relevant indications being reported at this time.

Commenced an inspection of ASME Class 3 component supports.

The inspection of components associated with Unit 1 H.P. and L.P. turbines is still in progress.

UNIT 2

No inservice inspection work was conducted.

REPORTABLE OCCURRENCES PERTAINING TO
ANY OUTAGE OR POWER REDUCTIONS

DECEMBER, 1980

None during this reporting period.

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #1

Mechanical Maintenance

UNIT1- 1/06/81
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSERVDT	SYS	COMP	MARKNO	SUMMARY	WKPERF	U	MR	TOTDWNM
12/01/80	CH	MOV	MOV-CH-1275B	CHECK MOV MECH	TESTED VALVE	1	011130906	331
12/02/80	BD	VALVE	1-BD-151	PACKING LEAK	REPACKED VALVE	1	002200749	187
12/02/80	SW	PIPING	3-WS-33	D/C 79-S32C INSTALL NEW SUPPORT	COMPLETED	1	007031446	1055
12/02/80	SW	PIPING	3-WS-35	D/C 79-S32C INSTALL NEW SUPPORT	COMPLETED	1	007070702	1055
12/02/80	SW	PIPING	3-WS-34	D/C 79-S32C INSTALL NEW SUPPORT	COMPLETED	1	007070703	1055
12/02/80	SW	PIPING	3-WS-26	D/C 79-S32C INSTALL SUPPORT MOD.	COMPLETED	1	007081320	1056
12/02/80	SW	PIPING	3-WS-26	D/C 79-S32C INSTALL SUPPORT MOD.	COMPLETE	1	007111071	1055
12/02/80	CS	PIPING	8-CS-34	D/C 79-S32A INSTALL SHIM PER	INSTALLED PER SKETCH+PROCEDURE	1	009041303	1360
12/02/80	MS	PIPING	3-SHP-29	D/C 79-S32A ADDITIONAL WELD	ADDITIONAL WELD PER SKETCH+PROCEDURE	1	010011416	1360
12/02/80	CH	FILTER	1CH+FL-4B	CHANGE OUT FILTERS	VOID MR 1001280520 COVERS THIS	1	010090811	0
12/03/80	MS	PIPING	4-SDHV-4	D/C 79-S32C INSTALL SUPPORT	INSTALLED SUPPORT	1	004241935	1390
12/03/80	CH	PIPING	3-CH-113	D/C 79-S32C SUPPORT MOD.	INSTALL PIPE SADDLE WITH WELD	1	004260819	1847
12/03/80	SD	PIPING	4-SDHV-4	D/C 79-S32C INSTALL SUPPORT	INSTALLED SUPPORT	1	005011031	1388
12/03/80	MS	PIPING	6-SAE-37	D/C 79-S32C INSTALL SUPPORT	INSTALLED SUPPORT	1	005011036	1388
12/03/80	MS	PIPING	6-SHP-45	D/C 79-S32B INSTALL SUPPORTS	COMPLETE	1	005011040	1681
12/03/80	MS	PIPING	4-SHP-39	D/C 79-S32B INSTALL SUPPORTS	COMPLETE	1	005011042	1681
12/03/80	MS	PIPING	4-SHP-37	D/C 79-S32B INSTALL SUPPORTS	COMPLETE	1	005011043	1681
12/03/80	MS	PIPING	3-SDHV-2	D/C 79-S32C INSTALL SUPPORT MOD.	INSTALLED SUPPORT	1	005120708	1382
12/03/80	MS	PIPING	4-SHP-39	D/C 79-S32C INSTALL SUPPORT MOD.	INSTALLED SUPPORT	1	005220802	1389
12/03/80	MS	PIPING	6-SHP-47	D/C 79-S32C INSTALL NEW SUPPORT	COMPLETE	1	005280931	1057
12/03/80	SW	PIPING	3-WS-26	D/C 79-S32C INSTALL SUPPORT MOD.	COMPLETED	1	007070701	1084
12/03/80	SI	PIPING	8-SI-92	D/C 79-S32C INSTALL SUPPORT MOD	INSTALLED MOD	1	009101404	1056
12/03/80	SI	PIPING	8-SI-92	D/C 79-S32C INSTALL SUPPORT MOD	INSTALL SUPPORT AS PER SKETCH	1	009101405	550
12/03/80	EE	PIPING	24-EXH	D/C 79-S32B INSTALL SHIM	INSTALL SHIM COMPLETED	1	009161937	1361
12/03/80	MS	PIPING	3-SHP-31	D/C 79-S32A INSTALL SUPPORT MOD	INSTALLED SUPPORT MOD	1	010020739	1389
12/03/80	MS	PIPING	3-SHP-31	D/C 79-S32A INSTALL SPRING HGR	INSTALLED HGR MOD	1	010061501	1057
12/04/80	MS	PIPING	3-SDHV-3	D/C 79-S32C INSTALL SUPPORT	INSTALLED SUPPORT	1	004241939	1409
12/04/80	MS	PIPING	3-SDHV-1	D/C 79-S32C INSTALL SUPPORT	INSTALLED SUPPORT	1	004241940	1409
12/04/80	CH	PIPING	3-CH-1	D/C 79-S32C INSTALL SUPPORT MOD.	SUPPORT INSTALLED	1	005070807	850
12/04/80	MS	PIPING	3-SHPD-5	D/C 79-S32C INSTALL SUPPORT MOD.	INSTALLED HANGAR BY MOD	1	005301500	1409
12/04/80	CH	PIPING	2-CH-68	D/C 79-S32C INSTALL SUPPORT	SUPPORT INSTALLED	1	009021405	850
12/04/80	CS	PIPING	8-CS-34	D/C 79-S32A INSTALL SHIM PER	COMPLETE	1	009041302	1538
12/04/80	CS	PIPING	8-CS-33	D/C 79-S32A INSTALL SHIM PER	COMPLETE	1	009041304	1706
12/04/80	DG	VALVE	1-DG-1	REPLACE DIAPHRAGM	VOID SAME ON 1010011300	1	010011300	0
12/04/80	MS	PIPING	3-SHP-30	D/C 79-S32A INSTALL SPRING HGR	INSTALLED SPRING MOD HGR	1	010011415	1409
12/04/80	VS	FILTER	1-VS-FL-3B	DIRTY FILTER HIGH D/P	CHANGE 30 PREFILTER	1	012010618	28
12/05/80	MS	PIPING	3-SDHV-2	D/C 79-S32C INSTALL SUPPORT	INSTALLED SUPPORT	1	004241938	1430
12/05/80	MS	PIPING	6-SAE-38	D/C 79-S32C INSTALL SUPPORT	INSTALLED SUPPORT	1	005011933	1429
12/05/80	MS	PIPING	6-SAE-39	D/C 79-S32C INSTALL SUPPORT	INSTALLED SUPPORT	1	005011935	1429
12/05/80	MS	PIPING	4-SHP-38	D/C 79-S32C INSTALL SUPPORT MOD.	INSTALLED SUPPORT	1	005220803	1430
12/05/80	FW	PIPING	6-WAPD	D/C 79-S32A INSTALL SPRING HGR	INSTALLED SPRING HGR	1	009110847	1430
12/05/80	EE	PIPING	36-3XH	D/C 79-S32B INSTALL SHIM	COMPLETED	1	009161938	1400
12/05/80	CS	VALVE	1-CS-49	REPLACE BOLTING	VOID NOT PART OF DC	1	010071114	0
12/05/80	RH	VALVE	1-RH-44	REPLACE BOLTING	VOID NOT PART OF DC	1	011170902	7
12/05/80	CS	VALVE	1-CS-49	REPLACE BOLTING	VOID NOT PART OF DC	1	011170909	0
12/05/80	RS	VALVE	1-RS-26	REPLACE BOLTING	VOID NOT PART OF DC	1	011170910	0
12/05/80	LW	VALVE	1-LW-156	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171010	8

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RETSERVDT	SYS	COMP	MARKNO	SUMMARY	WKPERF	U	MR	TOTDWNTH
12/05/80	LW	VALVE	1-LW-130	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171011	8
12/05/80	LW	VALVE	1--LW-115	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171012	8
12/05/80	LW	VALVE	1-LW-137	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171013	8
12/05/80	BR	VALVE	1-BR-110	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191632	31
12/05/80	BR	VALVE	1-BR-30	1 BR-30 NEEDS HAND WHEEL	COMPLETED	1	011270240	71
12/05/80	BS	OTHER	7587	REMOVE TONG AND BRAKE ASSEMBLY	REPAIRED TONGUE BRAKE ASSY + HYD INK	1	012010900	83
12/05/80	SI	VALVE	RV-SI-1859	LEAKS THRU	LAP VALVE + RESET	1	903140749	371
12/06/80	BR	PIPING	4-BR-11+12	D/C 79-S32C INSTALL SUPPORT MOD.	BASE PLATES SPRING CANS	1	006111245	1408
12/08/80	SI	PIPING	2-SI-23	D/C 79-S32C INSTALL SUPPORT	INSTALL SUPPORT AS PER SKETCH	1	004190708	1965
12/08/80	SD	PIPING	4-SDHV-4	D/C 79-S32C INSTALL SUPPORT	INSTALLED SUPPORT	1	005011030	1483
12/08/80	MS	PIPING	4-SHP-37	D/C 79-S32C INSTALL SUPPORT MOD.	INSTALLED SUPPORT	1	005220804	1483
12/08/80	FW	PIPING	14-WFPD-13	D/C 79-S32C INSTALL SUPPORT MOD.	INSTALLED SUPPORT MOD	1	005221434	1483
12/08/80	MS	PIPING	1 1/2-SHPD-5	D/C 79-S32C INSTALL SUPPORT MOD.	INSTALLED SUPPORT MOD	1	005291652	1483
12/08/80	CS	PIPING	6-CS-9	D/C 79-S32C INSTALL NEW SUPPORT	COMPLETE	1	006061600	1202
12/08/80	CS	PIPING	6-CS-10	D/C 79-S32C INSTALL NEW SUPPORT	COMPLETE	1	006061601	1202
12/08/80	SW	PIPING	3-SW-26	D/C 79-S32C INSTALL NEW SUPPORT	COMPLETE	1	007111000	1178
12/08/80	CS	PIPING	8-CS-33	D/C 79-S32A INSTALL SHIM PER	COMPLETE	1	009041305	1794
12/08/80	CS	PIPING	8-CS-33	D/C 79-S32A INSTALL SHIM PER	COMPLETE	1	009041306	1794
12/08/80	FW	PIPING	4-WAPD-7	D/C 79-S32A INSTALL VERT/LAT	INSTALLED HANEY MOD	1	009260815	1507
12/08/80	MS	PIPING	3-SHP-31	D/C 79-S32A REPLACE SPRING HGR	REPLACING SPRING HANGER + RODS	1	010020735	1507
12/08/80	MS	PIPING	3-SHP-57	D/C 79-S32A RESET SPRING HGR	COMPLETE	1	010130730	1174
12/08/80	LW	VALVE	1-LW-253	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011170943	45
12/08/80	LW	VALVE	1-LW-219	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171019	16
12/08/80	LW	VALVE	1-LW-164	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171034	35
12/08/80	LW	VALVE	1-LW-332	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171041	256
12/08/80	LW	VALVE	1-LW-236	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171043	31
12/08/80	BR	VALVE	1-BR-119	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191557	16
12/08/80	BR	VALVE	1-BR-115	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191626	31
12/08/80	BR	VALVE	1-BR-93	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191627	16
12/08/80	BR	VALVE	1-BR-98	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191628	31
12/08/80	BR	VALVE	1-BR-109	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191629	31
12/08/80	BR	VALVE	1-BR-107	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191630	24
12/08/80	BR	VALVE	1-BR-105	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191633	31
12/08/80	BR	VALVE	1-BR-94	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191635	16
12/08/80	BR	VALVE	1-BR-95	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191636	16
12/08/80	BR	VALVE	1-BR-102	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191637	30
12/08/80	BR	VALVE	1-BR-103	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191638	31
12/08/80	BR	VALVE	1-BR-114	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191639	32
12/08/80	BR	VALVE	1-BR-203	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191649	11
12/08/80	BR	VALVE	1-BR-116	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191729	31
12/08/80	BR	VALVE	1-BR-149	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191731	31
12/08/80	BR	VALVE	1-BR-202	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191740	6
12/08/80	BR	VALVE	1-BR-198	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191748	11
12/08/80	BR	VALVE	1-BR-224	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191750	71
12/08/80	BR	VALVE	1-BR-204	REPLACE BOLTING	REPLACED STUDS+NUTS IN VLV	1	011191751	67
12/08/80	BR	VALVE	1-BR-90	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191823	16
12/08/80	BR	VALVE	1-BR-92	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191830	16

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RETSERVD	SYS	COMP	MARKNO	SUMMARY	WKPFR	U	MR	TOTDNTM
12/08/80	GW	FILTER	1-GW-HV	CHECK PRE FILTER	CHANGE PER FILTER CLEAN CHAMBER	1	012040900	12
12/08/80	VS	VALVE	1-VS-E-4B	VALVE IS FROZE	CLEANED GREASE FROM VALVE INTERNALS	1	012041517	91
12/08/80	RS	PIPING		INSTALL BAFFLE IN VALVE PIT	VOID BAFFLE NOT REQ	1	811171546	0
12/09/80	BR	VALVE	1-BR-108	REPLACE BOLTING	REPLACED BOLTS AND NUTS	1	011191631	35
12/09/80	EE	DIESEL	1-EE-EG-1	REPLACE NUTS AND BOLTS	INSTALL NEW BOLTS	1	012080400	14
12/09/80	SI	VALVE	RV-SI-1859	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	012081213	15
12/10/80	SW	PUMP	1-SW-P-5C	MTR DRAINS LOCKED	OVERHAUL PUMP	1	009231425	1561
12/10/80	RS	PUMP	1-RS-P-5A	OVERHAUL	OVERHAUL PUMP	1	010071045	50
12/10/80	CC	VALVE	1-RV-CC-119B	OVERHAUL	COMPLETED	1	010281515	698
12/10/80	CH	VALVE	MOV-CH-1270A	OVERHAUL	POLISHED VALVE SEATS	1	010291310	190
12/10/80	CH	VALVE	MOV-CH-1270B	OVERHAUL	POLISHED VALVE SEATS	1	010291313	190
12/10/80	LW	VALVE	1-LW-71	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011171002	4
12/10/80	LW	VALVE	1-LW-73	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011171003	4
12/10/80	LW	VALVE	1-LW-70	REPLACE BOLTING	REPLACED STUD+NUTS IN VALVE	1	011171004	5
12/10/80	LW	VALVE	1-LW-79	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011171005	4
12/10/80	LW	VALVE	1-LW-67	REPLACE BOLTING	REPLACED STUDS+NUT IN VALVE	1	011171006	4
12/10/80	LW	VALVE	1-LW-66	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011171007	4
12/10/80	LW	VALVE	1-LW-69	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011171008	4
12/10/80	LW	VALVE	1-LW-180	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011171009	7
12/10/80	BR	VALVE	1-BR-241	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011181535	4
12/10/80	BR	VALVE	1-BR-238	REPLACE BOLTING	REPLACED STUDS+NUT IN VALVE	1	011191653	4
12/10/80	BR	VALVE	1-BR-243	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191654	4
12/10/80	BR	VALVE	1-BR-239	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191655	4
12/10/80	BR	VALVE	1-BR-245	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191656	4
12/10/80	CH	VALVE	1-CH-27	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM	1	011250422	360
12/10/80	CH	VALVE	1-CH-31	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM	1	011250423	360
12/10/80	CC	PMP MTR	1-CC-P-1A	UNCOUPLE MOTOR FOR PMS	UNCOUPLED PUMP FOR PMS	1	011261046	21
12/10/80	IA	VALVE		DRAIN VALVE SPINS FREE	TIGHTENED VALVE	1	012050657	6
12/10/80	CH	PUMPS	1-CH-P-1B	CHANGE OUT OIL	CHANGED OIL IN PUMP+REFILL PUMP	1	012080902	30
12/10/80	CH	PMP MTR	1-CH-P-1A	COUPLE MOTORS	COUPLED MOTOR TO PUMP	1	012081945	7
12/10/80	CH	PMP MTR	1-CH-P-1B	COUPLE MOTORS TO PUMPS	COUPLED MOTOR TO PUMP	1	012081946	7
12/10/80	CH	PMP MTR	1-CH-P-1C	COUPLE MOTORS TO PUMPS	COUPLED MOTOR TO PUMP	1	012081947	7
12/11/80	DG	VALVE	RV-DG-102	FLANGE LEAK	REPLACED GASKET	1	002220730	48
12/11/80	FC	PUMP		PERFORM PMS	PERFORMED PMS	1	007110913	2239
12/11/80	LW	VALVE	1-LW-30	REPLACE BOLTING	REPLACED STUD+NUTS IN VLV	1	011170956	31
12/11/80	LW	VALVE	1-LW-50	REPLACE BOLTING	REPLACED STUDS+NUTS IN VLV	1	011171001	31
12/11/80	LW	VALVE	1-LW-177	REPLACE BOLTING	REPLACED STUDS+NUTS IN VLV	1	011171049	31
12/11/80	LW	VALVE	1-LW-176	REPLACE BOLTING	REPLACED STUDS+NUTS IN VLV	1	011171050	31
12/11/80	BR	VALVE	1-BR-77	REPLACE BOLTING	REPLACED BOLTING	1	011191912	31
12/11/80	CH	PUMPS	1-CH-P-1A	CHANGE OUT OIL	PUMP FLUSHED+REFILLED WITH EXON46	1	012080901	51
12/11/80	CH	PUMPS	1-CH-P-1C	CHANGE OUT OIL	PUT IN NEW OIL	1	012080903	51
12/12/80	DG	VALVE	1-DG-50	REPLACE DIAPHRAGM	RE WORK VALVE	1	010011308	103
12/12/80	CH	VALVE	MOV-CH-1267A	OVERHAUL	BLUED 100 PERCENT	1	010291308	240
12/12/80	CH	VALVE	MOV-CH-1267B	OVERHAUL	100 PERCENT CONTACT	1	010291311	240
12/12/80	FP	FRE DOOR	29	LATCH STICKS	ADJUSTED LATCH	1	012110934	4
12/12/80	FP	FRE DOOR	28	TIGHTEN DOOR KNOB	TIGHTENED DOOR KNOB	1	012110935	2
12/12/80	FP	FRE DOOR	21	NOT LOCKING	SHIMED LOCK PLATE	1	012110937	1

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RETSERVD	SYS	COMP	MARKNO	SUMMARY	WKPERR	U	NR	TOTDWTN
12/13/80	BR	VALVE	1-BR-30	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191624	96
12/13/80	BR	VALVE	1-BR-27	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191625	96
12/13/80	BR	VALVE	1-BR-42	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191714	72
12/13/80	BR	VALVE	1-BR-195	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191749	122
12/13/80	BR	VALVE	1-BR-37	REPLACE BOLTING	REPLACED STUDS+NUT IN VALVE	1	011191802	72
12/13/80	BR	VALVE	1-BR-36	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191803	72
12/13/80	BR	VALVE	1-BR-32	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191804	96
12/13/80	BR	VALVE	1-BR-29	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191805	96
12/13/80	BR	VALVE	1-BR-38	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191839	72
12/14/80	DG	VALVE	1-DG-9	REPLACE DIAPHRAGM	REWORK VALVE	1	010011302	145
12/14/80	DG	VALVE	1-DG-51	REPLACE DIAPHRAGM	REWORK VALVE	1	010011309	145
12/14/80	DG	VALVE	1-DG-53	REPLACE DIAPHRAGM	REPLACED BONNET ASSY	1	010011311	145
12/15/80	DG	VALVE	1-DG-73	REPLACE DIAPHRAGM	REPLACED BONNET ASSY	1	001003126	165
12/15/80	DG	VALVE	1-DG-69	REPLACE DIAPHRAGM	VOID NOT A GRINNELL DIAPHRAM	1	001131241	0
12/15/80	CH	PIPING	4-CH-194	D/C 79-S32C INSTALL SUPPORT MOD.	COMPLETE	1	005301502	2134
12/15/80	SI	PIPING	10-SI-148	D/C 79-S32A INSTALL SPRING	INSTALL SUPPORT AS PER SKETCH	1	009171100	618
12/15/80	DG	VALVE	1-DG-48	REPLACE DIAPHRAGM	REPLACED BONNET ASSY	1	010011306	165
12/15/80	DG	VALVE	1-DG-55	REPLACE DIAPHRAGM	REPLACED BONNET ASSY	1	010011312	165
12/15/80	DG	VALVE	1-DG-56	REPLACE DIAPHRAGM	REPLACED BONNET ASSY	1	010011313	165
12/15/80	DG	VALVE	1-DG-57	REPLACE DIAPHRAGM	REPLACED BONNET ASSY	1	010011314	165
12/15/80	DG	VALVE	1-DG-58	REPLACE DIAPHRAGM	REPLACED BONNET ASSY	1	010911315	165
12/15/80	CH	VALVE	1-CH-121	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231712	127
12/15/80	CH	VALVE	1-CH-120	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231821	127
12/15/80	CH	VALVE	MOV-CH-1381	OVERHAUL	VOID PASSED 16.4	1	010291320	0
12/15/80	LW	VALVE	1-LW-34	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011170959	129
12/15/80	LW	VALVE	1-LW-47	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171000	129
12/15/80	LW	VALVE	1-LW-55	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171031	127
12/15/80	LW	VALVE	1-LW-54	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171032	2
12/15/80	BR	VALVE	1-BR-43	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191715	123
12/15/80	BR	VALVE	1-BR-44	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191716	127
12/15/80	BR	VALVE	1-BR-56	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191906	127
12/15/80	BR	VALVE	1-BR-78	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191913	127
12/15/80	BR	VALVE	1-BR-79	REPLACE BOLTING	REPLACED STUDS+NUTS IN VALVE	1	011191914	118
12/15/80	CH	VALVE	1-CH-33	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM O RINGS	1	011250419	481
12/15/80	CH	VALVE	1-CH-32	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM + O RINGS	1	011250424	481
12/15/80	CH	VALVE	1-CH-78	VALVE DIAPHRAM LEAKS	VOID WORK COMPLETE ON MR 20122109	1	012140500	0
12/16/80	SI	PIPING	2-SI-25	DC 79-S32C INSTALL STRAP	INSTALL SUPPORT AS PER SKETCH	1	003251301	1696
12/16/80	SI	PIPING	10-SI-6	INSTALL SUPPORT	COMPLETED	1	008251002	1993
12/16/80	FW	PIPING	8-WCMU-5 6-WCM	INSTALL SUPPORT	INSTALLED SUPPORT	1	008251003	1697
12/16/80	FW	PIPING	6-WAPD-1	D/C 79-S32A INSTALL VERT/LAT	JOB COMPLETED 12 9 80	1	009260816	1696
12/16/80	DG	VALVE	1-DG-64	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM	1	010011320	196
12/16/80	LW	VALVE	1-LW-569	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171017	31
12/16/80	LW	VALVE	1-LW-571	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171018	31
12/16/80	LW	VALVE	1-LW-570	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171039	31
12/17/80	CH	VALVE	1-CH-36	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM	1	011250418	522
12/17/80	CH	VALVE	1-CH-30	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM	1	011250421	522
12/18/80	DG	VALVE	1-DG-72	REPLACE DIAPHRAGM	WHITNEY VALVE	1	001003125	229

UNIT1- 1/06/81
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSERVD	SYS	COMP	MARKNO	SUMMARY	WKPERF	U	MR	TOTDWTN
12/18/80	DG	VALVE	1-DG-76	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM ORINGS	1	001003127	230
12/18/80	FC	PUMP	1-FC-P-1A	SEALS LEAK 1/2 GPM	VOID MR 1003100620 COVERS WORK	1	003310750	0
12/18/80	MS	PIPING	4-SHP-38	D/C 79-S32B INSTALL SUPPORTS	COMPLETED	1	005011041	2038
12/18/80	PG	PIPING	3-PG-28	D/C 79-S32C INTALL SUPPORT MOD.	INSTALLED SUPPORT	1	006090800	1679
12/18/80	SW	PIPING	3-SW-26	D/C 79-S32C INSTALL NEW SUPPORT	COMPLETED	1	007031448	1442
12/18/80	EE	PIPING	24-EXH	D/C 79-S32A INSTALL BASEPLATE	COMPLETED	1	010070708	184
12/18/80	MS	PIPING	3-SHP-30	D/C 79-S32A INSTALL SUPPORT MOD	COMPLETE	1	010070709	1411
12/18/80	CH	VALVE	1-CH-124	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231820	38
12/18/80	LW	VALVE	1-LW-220	REPLACE BOLTING	REPLACED STUD AND NUTS IN VALVE	1	011171020	62
12/18/80	LW	VALVE	1-LW-334	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171037	38
12/18/80	LW	VALVE	1-LW-564	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171038	38
12/18/80	LW	VALVE	1-LW-333	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171040	38
12/18/80	BR	VALVE	1-BR-80	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191718	206
12/18/80	BR	VALVE	1-BR-11	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191722	38
12/18/80	BR	VALVE	1-BR-13	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191723	38
12/18/80	BR	VALVE	1-BR-15	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191725	38
12/18/80	CH	VALVE	1-CH-39	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM	1	011250425	542
12/18/80	CH	VALVE	1-CH-41	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM	1	011250426	542
12/19/80	DG	VALVE	1-DG-77	REPLACE DIAPHRAGM	OVERHAULED VALVE	1	001003128	255
12/19/80	CH	VALVE	1-CH-39	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231503	1243
12/19/80	CH	VALVE	1-CH-41	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231801	762
12/19/80	CH	VALVE	MOV-CH-1269A	OVERHAUL	LAPPED IN SEATS	1	010291309	398
12/19/80	LW	VALVE	1-LW-210	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171035	67
12/19/80	LW	VALVE	1-LW-192	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171044	162
12/19/80	LW	VALVE	1-LW-322	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011171053	87
12/19/80	BR	VALVE	1-BR-166	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191605	19
12/19/80	SW	VALVE	1-SW-130	CLEAN AND REPAIR VALVE	CLEANED UP VALVE INTERNALS	1	012170805	42
12/20/80	DG	VALVE	1-DG-68	REPLACE DIAPHRAGM	OVERHAULED VALVE	1	001131231	279
12/20/80	FC	PUMP	1-FC-P-1B	PERFORM PMS	PERFORMED PMS	1	007110911	227
12/20/80	SI	PIPING	10-SI-83	D/C 79-S32A INSTALL SUPPORT MOD.	COMPLETE	1	008210932	2253
12/20/80	SI	PIPING	10-SI-106	D/C 79-S32C INSTALL SUPPORT MOD	COMPLETE	1	009050712	952
12/20/80	DG	VALVE	1-DG-67	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM	1	010011322	279
12/20/80	CH	VALVE	MOV-CH-1269B	OVERHAUL	OVERHAUL VALVE	1	010291312	421
12/22/80	DG	VALVE	1-DG-78	REPLACE DIAPHRAGM	OVERHAUL VALVE	1	001003129	332
12/22/80	SI	MOV	MOV-1860A	REPACK FOR PT 16.4	REPACKED VALVE	1	004040958	163
12/22/80	MS	PIPING	6-SHP-47	D/C 79-S32B INSTALL SUPPORTS	INSTALLED SUPPORTS	1	005020700	1841
12/22/80	MS	PIPING	6-SHP-46	D/C 79-S32B INSTALL SUPPORTS	INSTALLED SUPPORTS	1	005020701	1841
12/22/80	DG	VALVE	1-DG-49	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM AND ORINGS	1	010011307	307
12/22/80	BR	VALVE	1-BR-249	REPLACE BOLTING	REPLACE WITH APPROVED MATERIAL	1	011191657	54
12/22/80	BR	VALVE	1-BR-248	REPLACE BOLTING	REPLACE WITH APPROVED MATERIAL	1	011191658	54
12/22/80	BR	VALVE	1-BR-275	REPLACE BOLTING	REPLACED WITH APPROVED MATERIAL	1	011191659	55
12/22/80	BR	VALVE	1-BR-278	REPLACE BOLTING	REPLACED WITH APPROVED MATERIAL	1	011191700	54
12/22/80	BR	VALVE	1-BR-270	REPLACE BOLTING	REPLACED WITH APPROVED MATERIAL	1	011191704	54
12/22/80	BR	VALVE	1-BR-253	REPLACE BOLTING	REPLACED WITH APPROVED MATERIAL	1	011191707	54
12/22/80	BR	VALVE	1-BR-261	REPLACE BOLTING	REPLACE WITH APPROVED MATERIAL	1	011191708	54
12/22/80	BR	VALVE	1-BR-260	REPLACE BOLTING	REPLACED WITH APPROVED MATERIAL	1	011191710	54
12/22/80	BR	VALVE	1-BR-257	REPLACE BOLTING	REPLACE WITH APPROVED MATERIAL	1	011191711	54

UNIT1- 1/06/81
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RTRSERVDT	SYS	COMP	MARKNO	SUMMARY	WKPFR	U	MR	TOTAMTN
12/22/80	BR	VALVE	1-BR-225	REPLACE BOLTING	REPLACED WITH APPROVED MATERIAL	1	011191712	54
12/22/80	BR	VALVE	1-BR-262	REPLACE BOLTING	REPLACED WITH APPROVED MATERIAL	1	011191713	54
12/22/80	BR	VALVE	1-BR-12	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191721	140
12/22/80	BR	VALVE	1-BR-320	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191807	96
12/22/80	BR	VALVE	1-BR-315	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191813	96
12/22/80	BR	VALVE	1-BR-321	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191814	96
12/22/80	BR	VALVE	1-BR-155	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191847	96
12/22/80	BR	VALVE	1-BR-150	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191850	96
12/22/80	BR	VALVE	1-BR-314	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191853	96
12/22/80	BR	VALVE	1-BR-158	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191854	96
12/22/80	BR	VALVE	1-BR-162	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191856	96
12/22/80	VS	MOV	1-VS-103A	VALVE WILL NOT CLOSE	CLEANED	1	012010622	93
12/22/80	CH	VALVE	1-CH-1	REPLACE DIAPHRAM	O-HAUL VALVE	1	012171235	88
12/22/80	CH	VALVE	1-CH-2	REPLACE DIAPHRAM	OVERHAUL VALVE	1	012171236	88
12/22/80	CH	VALVE	1-CH-124	REPLACE DIAPHRAM	OHAUL VALVE	1	012171237	85
12/22/80	CH	VALVE	1-CH-172	REPLACE DIAPHRAM	OVERHAULED VALVE	1	012171239	88
12/22/80	CH	VALVE	1-CH-121	REPLACE DIAPHRAM	OVERHAULED VALVE	1	012171240	88
12/22/80	CH	VALVE	1-CH-120	REPLACE DIAPHRAM	O-HAUL VALVE	1	012171241	88
12/22/80	CH	VALVE	1-CH-119	REPLACE DIAPHRAM	O-HAUL VALVE	1	012171242	88
12/22/80	CH	VALVE	1-CH-15	REPLACE DIAPHRAM	OVERHAULED VALVE	1	012171245	88
12/22/80	CH	VALVE	1-CH-14	REPLACE DIAPHRAM	O-HAUL VALVE	1	012171246	88
12/22/80	CH	VALVE	1-CH-5	REPLACE DIAPHRAM	OVERHAULED VALVE	1	012171251	104
12/22/80	CH	VALVE	1-CH-4	REPLACE DIAPHRAM	OVERHAUL VALVE	1	012171252	94
12/22/80	CH	VALVE	1-CH-3	REPLACE DIAPHRAM	OVERHAUL VALVE	1	012171253	88
12/22/80	CH	VALVE	1-CH-11	REPLACE DIAPHRAM	OVERHAULED VALVE	1	012171254	88
12/23/80	BR	VALVE	1-BR-154	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191542	78
12/23/80	BR	VALVE	1-BR-184	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191606	78
12/23/80	BR	VALVE	1-BR-274	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191608	58
12/23/80	BR	VALVE	1-BR-269	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191622	78
12/23/80	BR	VALVE	1-BR-267	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191702	78
12/23/80	BR	VALVE	1-BR-269	REPLACE BOLTING	VOID MR 1011191622 COVERS THIS MR	1	011191744	0
12/23/80	BR	VALVE	1-BR-256	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191745	58
12/23/80	BR	VALVE	1-BR-277	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191816	34
12/23/80	BR	VALVE	1-BR-430	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191831	52
12/23/80	BR	VALVE	1-BR-312	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191851	120
12/23/80	BR	VALVE	1-HK-160	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191857	78
12/23/80	CH	VALVE	1-CH-7	REPLACE DIAPHRAM	OVERHAULED VALVE	1	012171249	119
12/23/80	SW	DIESEL	1-SW-P-1B	WONT START	RESET EMERG SHUT OFF VALVE	1	012230015	7
12/26/80	CH	VALVE	1-CH-86	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231705	78
12/26/80	CH	VALVE	1-CH-214	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231745	71
12/26/80	CH	VALVE	1-CH-215	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231747	71
12/26/80	CH	VALVE	1-CH-216	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231748	71
12/26/80	CH	VALVE	1-CH-182	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231759	54
12/26/80	CH	VALVE	1-CH-177	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231800	815
12/26/80	BR	VALVE	1-BR-133	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191558	124
12/26/80	BR	VALVE	1-BR-254	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191623	80
12/26/80	BR	VALVE	1-BR-135	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191734	124

UNIT1- 1/06/81
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSERVD	SYS	COMP	MARKNO	SUMMARY	WKPFR	U	MR	TOTDWNTH
12/26/80	BR	VALVE	1-BR-53	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191754	79
12/26/80	BR	VALVE	1-BR-51	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191755	79
12/26/80	BR	VALVE	1-BR-50	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191756	79
12/26/80	BR	VALVE	1-BR-52	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191800	79
12/27/80	CC	HX	1-CGE-1A	CLEAN HX	CLEANED OUT HX	1	012221202	23
12/29/80	DG	VALVE	1-DG-59	REPLACE DIAPHRAGM	REPLACED VALVE BONNET	1	010011316	514
12/29/80	DG	VALVE	1-DG-60	REPLACE DIAPHRAGM	OVERHAULED VALVE	1	010011317	514
12/29/80	DG	VALVE	1-DG-61	REPLACE DIAPHRAGM	REPLACED DIAPHRAGM AND ORINGS	1	010011318	514
12/29/80	DG	VALVE	1-DG-62	REPLACE DIAPHRAGM	OVERHAUL VAL	1	010011319	502
12/29/80	DG	VALVE	1-DG-65	REPLACE DIAPHRAGM	OVERHAULED VALVE	1	010011321	514
12/29/80	CH	VALVE	1-CH-99	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231707	144
12/29/80	CH	VALVE	1-CH-126	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231715	140
12/29/80	CH	VALVE	1-CH-222	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	010231739	155
12/29/80	BR	VALVE	1-BR-295	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191833	166
12/29/80	BR	VALVE	1-BR-294	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191834	188
12/29/80	BR	VALVE	1-BR-292	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191835	188
12/29/80	BR	VALVE	1-BR-293	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191918	164
12/29/80	BR	VALVE	1BR-12	BODY TO BONNET LEAK	OVERHAULED VALVE	1	012161012	59
12/29/80	SI	VALVE	1-SI-30	PACKING LEAK	TIGHTEN PACKING GLAND	1	012210742	59
12/29/80	CC	HX	1-CC-E-11C	CLEAN HX	CLEANED OUT HX	1	012221200	61
12/29/80	RH	MOV	MOV-RH-100	MECHANICALLY COUPLE LIMITORQUE PROPE	COUPLED LIMIT TORQUE TO VALVE	1	907252122	182
12/30/80	DG	VALVE	1-DG-10	REPLACE DIAPHRAGM	OVERHAUL VALVE	1	010011303	535
12/30/80	DG	VALVE	1-DG-11	REPLACE DIAPHRAGM	OVERHAUL VALVE	1	010011304	534
12/30/80	DG	VALVE	1-DG-52	REPLACE DIAPHRAGM	OVERHAUL VALVE	1	010011310	535
12/30/80	BR	VALVE	1-BR-237	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191651	9
12/30/80	BR	VALVE	1-BR-232	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191705	9
12/30/80	BR	VALVE	1-BR-236	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191706	33
12/30/80	BR	VALVE	1-BR-54	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191746	11
12/30/80	BR	VALVE	1-BR-58	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191818	10
12/30/80	BR	VALVE	1-BR-57	REPLACE BOLTING	REPLACED STUDS AND NUTS IN VALVE	1	011191819	11
12/30/80	SI	VALVE	HCV-SI-1884A	SOLENOID IS BLOWING AIR THRU VENT	REPLACED TWO COUPLINGS	1	012191500	6
12/30/80	FW	HX		CRACKED LEAKING WATER	REPLACED CRACKED HX	1	012221527	68
12/30/80	VS	FAN	1-VS-F-8A	REPLACE BELTS AND INSPECT	REPLACED BELTS	1	012261130	11
12/31/80	BR	SWITCH	PS-BR-111A	PRESSURE SWITCH LEAKS GAS	TIGHTENED SWITCH LINES	1	012292316	11

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #2

Mechanical Maintenance

None during this reporting period.

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #1

Electrical Maintenance

UNIT1- 1/06/81
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSERVD	SYS	COMP	MARKNO	SUMMARY	WKPERF	U	MR	TOTDWNTH
12/01/80	EE	MISC	1-EE-EG-3	LOUVERS DO NOT WORK AUTOMATICALLY	REPLACE ACTUATOR + ARMS	1	001070944	3529
12/01/80	CH	HT	HT-13	ALARMS WILL NOT ACKNOWLEDGE	RESET ALARM THEROSTAT	1	011242002	1
12/02/80	CH	MOV	MOV-LCV-1115C	PERFORM PMS	COMPLETED AS PER PMS	1	009062106	28
12/02/80	CH	MOV	MOV-LCV-1115A	PERFORM PMS	COMPLETED AS PER PMS	1	009062108	28
12/02/80	CH	MOV	MOV-1275A	PERFORM PMS	COMPLETED AS PER PMS	1	009062123	543
12/04/80	EE	BATT		PERFORM EMP P EPDC 29	VOID WORK PERFORM ON MRS1010060233	1	010010037	0
12/06/80	CH	PMP MTR	1-CH-P-1B	PERFORM PMS ON MOTOR	PMS COMPLETE	1	008271718	32
12/06/80	CH	PMP MTR	1-CH-P-1A	PERFORM PMS ON MOTOR	PMS COMPLETE	1	008271719	25
12/06/80	RC	INSTR	HCV-1549	INDICATION LIGHT DOES ENERGIZE	LUBRICATED SWITCH ARM	1	009180833	1660
12/07/80	CH	PMP MTR	1-CH-P-1C	PERFORM PMS ON MOTOR	PMS COMPLETE	1	008271720	56
17/08/80	RC	PMP MTR	1-RC-P-1C	PERFORM PMS	COMPLETED AS PER PMS	1	012050850	2
12/09/80	CH	MOV	MOV-1381	PERFORM PMS	COMPLETED AS PER PMS	1	009062109	5
12/10/80	IA	COMP MTR		ALARM PANAL RELAYS BURNED UP	REPLACED COILS	1	012091303	5
12/11/80	EE	DIESEL		LOUVERS DO NOT OPEN AS REQ'D	VOID WORKED ON MR S1012021152	1	004061601	0
12/11/80	BR	HT	HT-PNL-3	CIRC 3 AND 4 LOW TEMP	MADE MINOR ADJUSTMENT	1	012090612	2
12/12/80	CC	PMP MTR	1-CC-P-1A	PERFORM PMS ON MOTOR	PMS COMPLETE	1	008271722	3
12/12/80	EE	DIESEL	1-EE-EG-1	LOUVERS FAILED TO OPEN	INSPECTED LOUVERS OPERATION SAT	1	012021152	4
12/12/80	RS	PUMP	2-RS-P-2B	LOOSE VIBRATION PROBE	REPAIRED LEAD	1	012112237	2
12/16/80	CH	HT	CIR 8BPAN-8	REPAIR HEAT TRACE	REPAIRED AS PER EMP-C-HT-20	1	012161304	2
12/17/80	AS	VALVE	TV-SV-102A	IMPLEMENT DC80-901	PULLED CABLES	1	011260135	384
12/18/80	EE	BREAKER	14J9	PERFORM PMS ON BREAKER	PERFORMED PMS	1	009062154	1753
12/18/80	CH	HT	PNL2CKT24	BAD CKT BRK	REPLACED THERMOSTAT	1	012021306	356
12/30/80	CH	MOV	MOV-1373	PERFORM PMS	PERFORMED PMS	1	009062110	528
12/30/80	CH	HT TAPE	PNL-8-CKT-4A	LOW AMPS	REPLACED HEAT TAPE	1	012271001	27
DEPT TOTAL								8975

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #2

Electrical Maintenance

None during this reporting period.

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #1

Instrument Maintenance

DEPT=INST

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UNIT1- 1/06/81
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSERVDT	SYS	COMP	MARKNO	SUMMARY	WKPERF	U	MR	TOTDNTM
12/02/80	RM	MONITOR	RCVG-103	FLOW FAULT LIGHT IS ON	ADJUSTED SWITCH	1	011301740	7
12/08/80	EE	INSTR	1-EE-EG-3	CHECK THERMOSTAT	INSTALLED NEW SWITCH	1	908141215	11541
12/11/80	RM	MONITOR	RM-VG-103/104	CHECK FLOW SWITCH ADJ	READJUSTED FLOW SWITCH	1	012082359	48
12/19/80	BR	INSTR	LT-BR-108A	NO LEVEL INDICATION	REPLACED REPEATER FOR 1 LEVEL IND	1	011262123	43
12/20/80	RM	MONITOR	R1-VG-109	CHECK FILTER PAPER ADV	CHECKED SAT	1	012190513	16
12/22/80	RM	MONITOR	RM-MS-125	CHECK SOURCE STUCK OUT	CLEARED CHECK SOURCE	1	019301111	15
12/22/80	RM	MONITOR	RM-MS-126	CHECK SOURCE STUCK OUT	CLEARED CHECK SOURCE	1	011241533	15
12/22/80	RM	MONITOR	RM-VG-103	MONITOR DOES NOT RESPOND	CHECK SOURCE CHECKED SAT	1	012160713	15
12/22/80	RM	MONITOR	RM-IW-108	MONITOR DOES NOT RESPOND	CHECK SOURCE CHECKED SAT	1	012160714	15
12/26/80	RM	MONITOR	R1-CC-106	CHECK SETPOINT	REPLACED AND CALIBRATED DETECTOR	1	012189741	72
12/26/80	BR	VALVE	HCV-BR101B	AIR LINE BROKEN	THOROUGHLY CHECKED SYS NO LEAK FOUND	1	012190725	72
12/27/80	FC	INSTR	PI-FC-105	GLASS FACE IS BROKEN	REPLACED GAUGE	1	012222314	23
12/27/80	RM	MONITOR	R1-CC106	HIGH ALARM COMES IN WITHOUT ALERT	CAL ALARM CARD	1	012240226	71
DEPT TOTAL								11953

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #2

Instrument Maintenance

None during this reporting period.

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HEALTH PHYSICS

DECEMBER, 1980

There was no single release of radioactivity or radiation exposure specifically associated with an outage that accounted for more than 10% of the allowable annual values in 10CFR20.

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

DECEMBER, 1980

None during this reporting period.