

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-280
 UNIT NAME Surry Unit 1
 DATE August 7, 1980
 COMPLETED BY Sue Dunn
 TELEPHONE (804) 357-3184

REPORT MONTH JULY, 1980

8008190576

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	7-19-80	F	0	G	4				Inadvertant boration of primary system due to leakage through MOV-1350 (Emergency Boration Valve) while making up to the primary system. Inadvertant boration caused $\Delta\phi$ to remain outside target band for greater than one hour in a 24 hour period necessitating power restriction to < 50% power until $\Delta\phi$ within target band for 24 hours.

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 JULY, 1980

DOCKET NO. 50-281
 UNIT NAME Surry Unit 2
 DATE August 7, 1980
 COMPLETED BY Sue 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	7-1-80	8	744	D	1				Continuation of shutdown for refueling and steam generator replacement, which began on 2-4-79. Work still underway on piping restraint modifications required prior to unit recovery.

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

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LOAD REDUCTIONS DUE TO ENVIRONMENTAL RESTRICTIONS

UNIT NO. 1

MONTH: JULY, 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: JULY, 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 8-1-80
COMPLETED BY SUE D. DUNN

AVERAGE DAILY UNIT POWER LEVEL

MONTH: JULY 80

DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)	DAY	AVERAGE DAILY POWER LEVEL (MWE-NET)
1	686.3	17	681.5
2	686.8	18	684.8
3	675.1	19	273.6
4	675.0	20	304.3
5	670.8	21	673.0
6	679.2	22	677.7
7	665.3	23	680.1
8	654.9	24	684.6
9	664.7	25	682.5
10	659.4	26	680.3
11	657.4	27	678.4
12	680.0	28	684.1
13	681.8	29	683.7
14	678.0	30	680.8
15	680.8	31	656.0
16	682.6		

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 LBNE). IN SUCH CASES, THE AVERAGE DAILY UNIT POWER OUTPUT SHEET SHOULD BE FOOTNOTED TO EXPLAIN THE APPARENT ANOMALY.

DOCKET NO 50-81
UNIT SURRY II
DATE 8-1-80
COMPLETED BY SUE D. DUNN

AVERAGE DAILY UNIT POWER LEVEL

MONTH: JULY

80

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		

SUMMARY OF OPERATING EXPERIENCES

JULY, 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

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

July 19- At 0413 an inadvertent boration of the primary system was experienced due to boric acid leakage past MOV-1350. This necessitated a power reduction from 100% to approximately 25% over the period from 0413 to 0700. During this power reduction the axial flux difference (AFD) deviated from the target band for greater than one hour requiring power be restricted to less than 50%. Power was increased from 28% to 49% over the period from 1300 to 2000. At 2020 the AFD was returned to the target band.

July 20- At 2025 the AFD had been within the target band for 24 hours and a power increase was begun.

July 21- Power reached 100% at 0200.

July 31- At 2115 a primary to secondary leak rate greater than 0.3 GPM was confirmed and a unit shutdown commenced. This reporting period ends with the unit at 60% power and in the process of shutting down to plug steam generator tubes.

UNIT 2

July 1 - This reporting period begins with the unit at cold shutdown with maintenance, piping restraint modifications and design changes continuing.

July 31- This reporting period ends with the unit at cold shutdown with maintenance, piping restraint modifications and design changes continuing.

AMENDMENTS TO FACILITY LICENSE OR TECHNICAL SPECIFICATIONS

JULY, 1980

None during this reporting period.

FACILITY CHANGES REQUIRING
NRC APPROVAL

JULY, 1980

None during this reporting period.

FACILITY CHANGES THAT
DID NOT REQUIRE NRC APPROVAL

Design Changes Unit

DC/76-19 Installation of the Five channel gai-tronics has been completed giving greater capability to the station intercom system. 1,2

There are no safety implications involved with this design change. No changes to the Tech Specs on the FSAR are involved.

DC/77-32A Containment Cooling system modification installed the new chilled water units and piping into the system. 2

There is no change in the operation of safety related equipment as a result of this design change.

DC/78-08 Fire Protection Modifications

- Part A Installation of Fire Doors 1,2
- Part B Installation of Drains & Dikes 1,2
- Part J Installation of Hose Station 2
- Part L Installation of Air Flow Detector 1,2

These changes increase the protection afforded the safety related equipment from fire and reduce the chance of a fire related accident.

DC/78-21B Condenser Rebuild work has been completed providing relief from the malfunctions previously experienced. 2

The System was rebuilt to the original design criteria and no effect is imposed on the operation of safety related equipment.

DC/78-S37 Recirculation Spray and Low Head Safety Injection NPSH Modification were completed on Unit No. 2. Included were various changes made to assure adequate NPSH performance from the recirculation spray and low head safety injection pumps. 2

The modification is entirely passive requiring no operator action to function. Therefore, the operation of the CS, SI and RS systems is not affected by this modification.

DC/79-02 RA-170 Series Sequence Events Recorder Replacement replaced the outdated Hewlett Packard with a new recorder. 1,2

There is no impact on safety related systems involved with this design change.

Facility Changes That Did Not Require NRC Approval (Continued)

Unit
2

DC/79-S14 Replacement of NAMCO Model D2400X Stem Mounted Limit Switches was initiated to replace the originally installed limit switches with those which have the required documentation as to environmental qualifications.

The change-out of these limit switches that performs latch-in function from unqualified to environmentally qualified limit switches will not affect station operation, but will assure proper operation of the safety related equipment.

DC/79-27 Repair RHR Heat Exchanger Support. This work encompassed repairing two concrete support pedestals as well as providing for thermal expansion of the heat exchanger.

This modification returns the RHR heat exchanger supports to their original design bases. The modification does not interfere with system operation and does not create a safety problem.

DC/79-S35 Auxiliary Building Hydrant Block Valve Installation was initiated to permit isolation of a fire hydrant without losing fire protection in the auxiliary building. 1,2

The limiting conditions for operation are given in the Technical Specification 3.2.1. Surveillance requirements are given in Technical Specification 4.18. Modification of the fire main will satisfy the original header design basis and no changes to the Technical Specifications are required.

DC/79-S37 ASCO Solenoid Valve Replacement precipitated by IE Bulletin 79-01 provided for the replacement of presently used valves with others which are environmentally acceptable. 2

Since this design change merely replaces the present valves with identical ones having an environmental qualification, no new safety considerations have been surfaced beyond those previously addressed.

DC/79-42 480V Safety Bus Modification involved adding a 480V load center to each train of the emergency power system and to transfer the motor control center feeders to this new center. 2

The addition of the 480V emergency load centers will not cause a change in station operation or in the operation of safety related equipment.

DC/79-43 Relocation of the DC Motor Starters adds two new 480 V emergency load centers in the emergency switch gear room. 2

The relocation of this equipment will not change its operation or the use of other plant equipment.

DC/79-S46 Modifications to 12" and 6" Pathon Snubber Flow Restrictors was effected when it was determined that a post lockup bleed function should be incorporated. 2

The margin of safety as defined in the basis for any Tech. Spec is not reduced. This modification will provide additional seismic protection for the Reactor Coolant System. Consequently, the margin of safety is not reduced.

Facility Changes That Did Not Require NRC Approval (Continued)

Unit

DC/79-50 Containment and Recirculation Spray System Isolation Valve Replacement removes the welded gate valves and puts in their place flanged butterfly valves.

2

The containment spray and recirculation spray capability and operational readiness will not be affected. There are no safety implications created by this design change. The effect of this modification on NPSH has been incorporated into the design basis for the NPSH modification.

DC/79-S53 Emergency Motive Power to PORV's Modification. The pressurizer PORV's PCV-1455C and 1456 motive power is presently supplied by the nonsafety-grade containment instrument air system. In order to comply with NUREG-0578, the connection to an existing safety-grade system is required.

2

The pressurizer PORV's will receive their additional safety-grade motive power from the existing reactor vessel over pressure protection supply system.

Since the work is equal to the original design requirements for containment instrument air, the modification will have no adverse effect on the operation of safety-related equipment.

DC/79S54 Direct Indication of Pressurizer Safety Valve Position was achieved by securing two acoustic sensors to the surface of each safety valve connected to a panel common to both units. An indication for each valve was mounted on the main control board with a common alarm for each unit.

2

The installation of the acoustic monitor system to the pressurizer safety valves and to the power-operated relief valves will provide assurance that the operator will have a reliable direct indication of the pressurizer safety/power-operated relief valve position.

DC/79-58 Reactor Coolant System Subcooling Monitor System modification was initiated in an effort to meet requirements of TMI 2 NUREG 0578 Section 2.1.3 b and subsequent NRC clarification. Two subcooling meters have been installed on the main control board to provide indication of reactor coolant margin to saturation conditions.

1

It does not affect the operation of any safety related equipment, therefore there are no safety problems created with this modification.

DC/79-S86 Modification to 12" Bergen-Patterson snubber glands to accept bearing inserts of a softer metal than the gland to permit appropriate sliding contact between the ram shafts and the bearings.

2

The implementation of this change will not affect station operations or the operation of any safety-related equipment. The change will insure reliable operation of the snubbers, thereby enhancing the safe and efficient operation of the plant.

Facility Changes That Did Not Require NRC Approval (Continued)

Unit

DC/80-02 The Temporary Post Accident Sampling System Modification is designed to provide for one sample of reactor coolant after an accident. 1,2

This modification does not affect normal station operation or the operation of any safety-related equipment.

DC/80-17 Line 1½"-RH-111-602 Modification removes this line to be replaced with one containing an expansion loop. 1,2

Installation of 1½"-RH-111-602 did not create any safety problems since the plant is not operational and the installed modifications will only enhance the operability of this system and not affect any other system.

DC/80-35 Diverse Isolation Signals To Containment Trip Valves was initiated in response to section 2.1.4 of NUREG-0578 which addresses the possible consequences of depending solely on containment high pressure signals to isolate non-essential penetrations, diverse signals were supplied to non-essential containment trip valves. 2

This design change improves the containment isolation system and has no effect on the operation of the other safety systems or safety related equipment.

DC/80-39 Condenser Air Ejector Containment Isolation Valve Relocation modification relocates isolation valve TV-SV-102 closer to the containment in line 6"-AJA-4-121, installing a new valve at the old location. This was done to reduce the extent of seismic analysis required to insure the adequacy of containment isolation design for this line. 2

This design change involves only the relocation of an existing valve maintaining the system process thus constituting no safety hazard.

TESTS AND EXPERIMENTS REQUIRING
NRC APPROVAL

JULY, 1980

None during this reporting period.

TEST AND EXPERIMENTS THAT
DID NOT REQUIRE NRC APPROVAL

ST-80

Unit 2

Recirculation Spray Piping Flush was completed on 7-17-80 on Unit No. 2. This test was designed to flush that portion of the Recirculation spray System piping which was replaced during the Steam Generator Replacement Outage.

OTHER CHANGES, TESTS AND EXPERIMENTS

JULY, 1980

None during this reporting period.

SURRY POWER STATION

CHEMISTRY REPORT

JULY, 1980

T.S. 6.6.3.d

PRIMARY COOLANT ANALYSIS	UNIT NO. 1			UNIT NO. 2		
	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE
Gross Radioact., $\mu\text{Ci/ml}$	8.80E-1	1.23E-1	3.74E-1	8.23E-3	1.27E-4	3.14E-3
Suspended Solids, ppm	0.2	0.1	0.1	0.2	0.0	0.1
Gross Tritium, $\mu\text{Ci/ml}$	8.48E-2	3.32E-3	3.70E-2	2*	2*	2*
Iodine-131, $\mu\text{Ci/ml}$	4.75E-2	6.76E-3	1.65E-2	2*	2*	2*
I-131/I-133	.6782	.3570	.4434	2*	2*	2*
Hydrogen, cc/kg	49.2	28.2	38.1	2*	2*	2*
Lithium, ppm	1.32	<.1 *	.50*	2*	2*	2*
Boron-10, ppm +	28.81	<.196	10.53	452.564	423.752	435.73
Oxygen-16, ppm	.000	.000	.000	.000	.000	.000
Chloride, ppm	<.05	<.05	<.05	<.05	<.05	<.05
pH @ 25°C	9.63	6.72	7.70	5.02	4.52	4.67

+ Boron-10 = Total Boron x 0.196

NON-RADIOACTIVE CHEMICAL (1)

RELEASES, POUNDS

T.S. 4.13.A.67

Phosphate	<u>0</u>	Boron	<u>400</u>
Sulfate	<u>556</u>	Chromate	<u>0.95</u>
50% NaOH	<u>700</u>	Chlorine	<u>-0-</u>

Remarks: *Added 1300 grams of LLOH to #1RCS @ 1445 on 7-29-80 Commencing Unit #1 RAMPDOWN

DUE TO P=S Leak @ 2115 2* UNIT #2 at cold shutdown

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

DESCRIPTION OF ALL INSTANCES WHERE
THERMAL DISCHARGE LIMITS WERE EXCEEDED

JULY, 1980.

On July 19, 1980, the temperature change at the station discharge exceeded 3°F per hour when Unit No. 1 reactor was ramped down due to inadvertant primary system boration. This event was allowable in accordance with Technical Specification 4.14.

UNIT 1
FUEL HANDLING

-22-

JULY, 1980

None during this reporting period.

UNIT 2
FUEL HANDLING

-23-

JULY, 1980

None during this reporting period.

PROCEDURE REVISIONS THAT CHANGED
OPERATING MODE DESCRIBED IN THE FSAR

JULY, 1980.

None during this reporting period.

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

JULY, 1980

None during this reporting period.

INSERVICE INSPECTION

JULY, 1980

Visual inspections on the Unit 1 & 2 hangar modifications and installation are in progress.

REPORTABLE OCCURRENCES PERTAINING TO
ANY OUTAGE OR POWER REDUCTIONS

JULY, 1980

A Unit No. 1 Reduction in Power occurred on July 21 because of a Heat Tracing System Failure. Details of this event will be submitted in LER 80-048/93L-0 (050-0280).

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #1

Mechanical Maintenance

UNIT1- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSEKVDT	SYS	COMP	MARKNO	SUMMARY	WKPERF	U	MR	TOTDWN1M
07/07/80	FP	VALVE	1-FP-57	VLV HAS BEEN KNOCKED DOWN	COMPLETED	1	006160614	600
07/07/80	RM	PUMP	RM-159/160	CHECK BELT+PMP NEXT ENTRY	COMPLETED	1	007060645	1
07/07/80	BR	VALVE	MOV-BR-101A	PACKING LEAK	VOID WORK DONE ON MR S10060601245	1	007071605	0
07/08/80	RM	MONITOR	RMS-159/160	LOW FLOW ON MONITOR	VOID WORKED UNDER MR1007060645	1	007030304	0
07/11/80	BR	PUMP	1-BR-C-1B	DOES NOT PUMP	VOID MR COMPLT UNDER MR 912121212	1	002020711	0
07/11/80	BR	FILTER	1-BR-C-1B	GAS LEAK ON INLET FILTER	VOID COMPLT WORK MR 912121212	1	002020750	0
07/19/80	CH	HT		INCOMPLETE LAGGING	INSUL REPLACED	1	005060601	459
07/19/80	RM	PUMP	RMS-259/260	REBUILT PUMP	REBUILT PUMP	1	006061515	2
07/19/80	GW	PUMP	1-GW-F-1A	OVERHAUL PMP VALVE	REMOVED BEARINGS DRN+REPLACE	1	007100930	169
07/19/80	CH	VALVE	1-CH-29	GRINNEL VALVE LEAK	REPAIRED BLOWN DIAPHRAM	1	007190746	1
07/19/80	BR	PUMP	1-BR-P-7A	REPLACE BROKEN COUPLING	REPLACED COUPLING	1	007190830	3
08/01/80	RM	PUMP		REBUILD SPARE PUMP	INSTALLED BEARINGS AND VANES	1	003171530	314
08/01/80	IA	COMPRESS	I-IA-C-1	OIL PUMP LEAKS	REPAIRED OIL PUMP	1	007310534	23
DEPT TOTAL								1572

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #2

Mechanical Maintenance

UNIT2- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSEKRD	SYS	COMP	MARKNO	SUMMARY	WKPEKF	U	MR	TOTDWNM
07/01/80	SW	VALVE	MOV-SW-205D	VALVE LEAKS THROUGH	REPLACED SEATS	2	002221040	3096
07/01/80	CS	PUMP	2-CS-P-1A	LUBE OIL COOLER LEAK	REPLACED GASKET	2	005281417	96
07/01/80	PR	SNUBBER		REMOVE PAINT FROM CLEVIS	COMPLETED CLEVIS AS DIRECTED	2	006091351	391
07/01/80	RS	IIX	2-SRS-E-1B	LEAK IN UPPER DIAPHRAM	REMOVED DIAP ON 2-RS-E-1B	2	006231536	153
07/01/80	RH	PUMP	2-RH-P-1A	LEAK ON THREADED FITTING	TIGHTEN THREADED FILTER	2	006270421	13
07/02/80	SS	VALVE	HCV-SS-201A	WILL NOT PERMIT FLOW	REPLACED HCV-SS-201A VALVE	2	001251002	2544
07/02/80	CS	VALVE	2-CS-24	DRAIN LINE LEAKS	COMPLETE INSPECTION	2	003051146	12
07/02/80	SW	PIPING	24-WS-136-10	REMOVE EXPANSION JOINT	VOID COMPL UNDER MR S2002221040	2	003051410	0
07/02/80	SW	PIPING	24-WS-132-10	REMOVE EXPANSION JOINT	REPAIRED SEATS	2	003051411	2640
07/02/80	SW	PIPING	24-WS-128-10	REMOVE EXPANSION JOINT	REPLACED SEATS TESTED AT 45PSI	2	003051414	2640
07/02/80	SW	PIPING	24-WS-134-10	REMOVE EXPANSION JOINT	ADJUSTED SEATS TESTED AT 45PSI	2	003051415	2640
07/02/80	SS	VALVE	HCV-SS-202A	CHANGE OUT VALVE FOR DDC 80-07	REPLACED HCV-SS-202A VALVE	2	003210811	2296
07/02/80	SI	VALVE	2-SI-256	PACKING LEAK	TIGHTENED GLAND	2	004150400	6
07/02/80	SW	MOV	MOV-SW-204B	LEAK THRU	VOID COMPL ON MR S2003051414	2	005101600	0
07/02/80	CC	VALVE	2-CC-242	CHECK VALVE LEAKS	TIGHTENED PLATE BOLTS	2	006180445	7
7/02/80	IA	FILTER	2-IA-C-1	FILTER MISSING REPLACE	JOB TO BE COMPL AT EARLIER DATE	2	007011320	6
07/02/80	DG	VALVE	2-DG-2	SLIGHT BODY TO BODY LEAK	TIGHTEN VALVE BONNET	2	912181632	5
07/03/80	SW	MOV	MOV-SW-205B	GEARBOX APPEAR TO BE BROKEN	REPAIR SHIFT SHAFT	2	004140200	1128
07/03/80	CH	PUMP	2-CH-P-1C	PIPE UNION ON SUCTION LINE	TIGHTEN UNION+TIGHTEN BEARING CAP	2	006260515	3
07/03/80	SI	VALVE	2-SI-175	DRAIN VALVE LEAKS THRU	TIGHTEN VALVE TO SEAT	2	007020715	3
07/05/80	BS	OTHER		REPAIR PERSONNEL HATCH	INSTALLED SHORTER BOLTS	2	005280927	51
07/08/80	MS	VALVE	2-MS-379	REQ WORK FOR LEAK TIGHTNESS	VOID WORK COMPL UNDER MR S200618080	2	003180902	0
07/08/80	CH	VALVE	1-CH-116	CHECK VALVE LEAKS THRU	VOID BY CLAY CRUMMEY	2	005311201	0
07/08/80	MS	VALVE	2-MS-216	REPAIR OR REPLACE	COULD NOT FIND VALVE	2	912031143	5215
07/09/80	MS	VALVE	2-MS-10	LAP IN SEAT	VOID WORK WAS COMPL BY NNI	2	006180804	71
07/09/80	RC	PIPING		REMOVE SPOOL PIECES	INSTALLED BLANKS	2	006290930	187
07/09/80	RC	VALVE	2-RC-52	VALVE LEAKS IN BACKSEAT POSITION	REPACKED VALVE	2	812041500	12057
07/09/80	MS	VALVE	2-MS-377	REPLACE VALVE	VOID WORK COMPL BY NNI	2	912030855	0
07/09/80	RS	PUMP		REPAIR DEWATERING PUMPS	DEWATERING PMP CAN NOT BE PUT BACK I	2	912121623	4997
07/10/80	RC	VALVE	2-RC-140	CANNOT OPEN OR SHUT VALVE	VOID NOT TO BE WORKED AT THIS TIME	2	004152230	0
07/10/80	RC	VALVE	2-RC-139	CANNOT OPEN OR SHUT VALVE	VOID NOT TO BE WORK AT THIS TIME	2	004152231	0
07/10/80	CW	VAE	2-CW-206C	REMOVE BOLTS+REPLACE BOLT	REPLACED THRU BOLTS	2	007031530	168
07/10/80	IA	VALVE	1A-201	REMOVE INTAKE FLANGE	REMOVED FLANGE	2	007001101	12
07/10/80	CH	VALVE	2-CH-311	PERMANENTLY ATTACH HANDWHEEL	REPLACED HANDWHEEL	2	007090630	24
07/10/80	RC	VALVE		ADJ. ADD OR REPLACE PACKING	REPAIRED LEAKS	2	007091415	16
07/10/80	RC	VALVE	2-RC-61+62	ADJ OR ADD PACKING	REPAIRED LEAKS	2	007091420	16
07/11/80	SI	MOV	MOV-2864A	VALVE HAD LOUD NOISE	REPLACED BEARING	2	006231822	96
07/11/80	RC	VALVE	2-RC-51	PACKING LEAK	REPAIRED LEAK	2	007090920	24
07/11/80	RC	VALVE	HCV-2557B	PACKING LEAK	TIGHTENED PACKING GLAND	2	007091430	24
07/11/80	RC	VALVE	2-RC-65	STOP PACKING LEAK	TIGHTENED PACKING GLAND	2	007091432	24
07/11/80	RC	VALVE	2-RC-66	STOP PACKING LEAK	TIGHTENED PACKING GLAND	2	007091433	24
07/11/80	RC	VALVE	2-RC-68	STOP PACKING LEAK	TIGHTENED PACKING GLAND	2	007091434	24
07/12/80	MS	VALVE		SG SAFETY VALVES	GAGED VALVES	2	007010845	217
07/13/80	EE	VALVES	2-EG-14	RECEIVER TK NEEDS A DIFF TYPE DRN VL	VOID MR SUBMITTED TO REPLACED VLV	2	006120310	0
07/13/80	CH	FILTER	2-CH-FL-1	FILTER LEAK	INSTALLED NEW GASKETS	2	006192323	396
07/13/80	RS	INSTR	LS-RS-200A	ACCUATOR+BAFFLE NEEDS REPLACING	WORK PERFORMED	2	006251430	243
07/13/80	RS	INSTR	LS-RS-200B	ACCUATOR+BAFFLE NEED REPLACING	WORK PERFORMED BEFORE	2	006251431	243

UNIT2- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RET/SERVDT	SYS	COMP	MARKNO	SUMMARY	WKPEKF	U	MR	TOT/DWNTM
07/13/80	KC	VALVE	FE-2491	FLOW ELEMENT FLANGE LEAKS	TIGHTENED FLANGE BOLTS	2	007091515	9
07/14/80	KS	VALVE	2-SKS-80	THREADS DOWNSTREAM OF 2-KS-80 STRIP	REPAIRED THREADS+INSTALLED CAP	2	006121401	10
07/14/80	KS	VALVE	2-RS-25	THREADS DOWNSTREAMS OF 2-RS-25 STRIP	REPAIRED THREADS+INSTALLED	2	006121402	10
07/14/80	PR	SPKG HGR		CHECK AND REPAIR ALL MONOBALL CONSTR	INSPECTED MONOBALLS SLIDING HANGERS	2	006170900	647
07/15/80	RS	VALVE	2-RS-11	2-RS-11 PACKING GLAND	REPLACED NUT	2	003040030	2
07/15/80	SI	PUMP	2-SI-P-1B	PULL AND INSPECT	REMOVED PUMP AND INSPECTED	2	004300912	552
07/15/80	EE	COMPRESS		COMPRESSOR IS NOT PUMPING	REPAIRED COMPRESSOR	2	006061800	5
07/15/80	KC	INSTR	2-RC-P-1A	KCP MOTOR LEAK OIL	TIGHTEN SIGHT GLASS	2	006262011	28
07/15/80	RC	INSTR	2-RC-P-1B	KCP MOTOR LEAK OIL	TIGHTEN SIGHT GLASSES	2	006262012	28
07/15/80	KC	INSTR	2-RC-P-1C	KCP MOTOR LEAK OIL	TIGHTEN SIGHT GLASSES	2	006262013	28
07/15/80	KC	VALVE	HCV-2519B	LEAKS THRU	REMOVED DIAPHRAGM+INSTALLED NEW ONE	2	007100931	47
07/15/80	MS	VALVE	2-MS-143	BODY TO BONNET LEAK	REPLACED GASKET	2	911112320	36
07/15/80	CH	MOV	MOV-SI-2270A	PACKING LEAKS	REPAIRED LEAK	2	912051405	6
07/16/80	MS	VALVE	2-MS-181	PACKING LEAKS EXCESSIVELY	ADJUSTED PACKING	2	004070730	11
07/16/80	SW	VALVE	MOV-SW-205C	REMOVE EXPANSION JOINT	REMOVED AND REINSTALLED	2	007011600	340
07/16/80	CH	PUMP	2-SW-P-10A	INSTALL NEW STRAINER	INSTALLED SCREEN	2	007112216	6
07/16/80	EE	DIESEL		RELIEF VALVE LIFTING	CLEANED DISCHARGE VALVE	2	007142110	11
07/17/80	SW	PIPING	24-WS-135-10	REMOVE EXPANSION JOINT	REPLACED SEATS TESTED AT 45 PSI	2	003051412	3144
07/17/80	SW	PIPING	24-WS-130-10	REMOVE EXPANSION JOINT	REPLACED SEATS AND RESTUD AT 45 PSI	2	003051413	3144
07/17/80	CH	VALVE	2-CH-191	VALVE LEAKS BY	INSTALLED NEW BONNET ASSEMBLY	2	006260235	1
07/17/80	RC	MOV	MOV-RC-2536	REPACK VALVE	REPACKED VALVE	2	007160240	4
07/17/80	FW	MOV	MOV-FW-251B	PACKING LEAK	CLEANED VALVE STEM	2	007160826	1
07/18/80	CH	VALVE	2-CH-188	BODY TO BONNET LEAK	REPAIR LEAK	2	006261209	1
07/18/80	CH	MOV	MOV-LCV-2115D	VALVE IS BINDING WHEN OPENING	VOID MR WORKED UNDER 2005191300	2	007122345	0
07/18/80	FW	MOV	MOV-FW-251A	PACKING LEAK	REPAIRED LEAK	2	007161130	6
07/18/80	KC	VALVE	HCV-2522C	LEAKS THRU ADJUST STROKE	REPAIRED LEAK	2	007161627	7
07/18/80	RC	VALVE	HCV-2522B	LEAKS THRU	REPAIRED LEAK	2	007161628	7
07/18/80	RC	VALVE	HCV-2522A	LEAKS THRU	REPAIRED LEAK	2	007161629	7
07/18/80	VS	DUCTING		MANWAY NEEDS TO BE INSTL	INSTALLED MANWAYS	2	007180830	8
07/19/80	CH	MOV	LCV-2115D	CHECK GEAR TRAIN ON MOV MOTOR	ELECTRICAL PROBLEM WAS RESOLVED	2	005191300	27
07/19/80	CS	PIPING		REPLACE MISSING PIPE CAPS	REPLACED CAP	2	007171100	5
07/19/80	CH	VALVE	2-CH-35	REPLACE DIAPHRAGM	REPLACE DIAPHRAGM GRINNEL VLV PROGRA	2	902161104	2
07/20/80	MS	VALVE	2-MS-176	REQ WORK FOR LEAK TIGHTNESS	PLUG REPLACE	2	003180907	7
07/20/80	VS	DUCTING		REMOVE HOSE TRUNKS+INSTALL	REMOVE DUCT HOSE	2	004161500	291
07/20/80	DG	VALVE	RV-DG-201	TEST RELIEF VALVE	TESTED RELIEF VALVE	2	912071010	116
07/21/80	SI	VALVE	2-SI-72A	STEM BENT	REPLACE WITH NEW STEM	2	003230501	2010
07/21/80	KS	VALVE	2-RS-1002	VALVE MISSING	VALVE WAS NEVER PUT IN LINE	2	004270455	359
07/21/80	EE	VALVE	2-EG-12	RECEIVER TK NEEDS DIFF TYPE DRN VLV	VOID MR SUBMITTED TO REPLACED VLV	2	006120317	0
07/21/80	CC	VALVE	TV-CC-205A	AIR LINE LEAK	INSTALLED NEW FITTING	2	007121243	1
07/21/80	MS	VALVE	2-MS-95	REPAIR OR REPLACE VALVE	VOID ORIGINAL MR TURNED IN 7/8/80	2	912030858	4223
07/22/80	SS	VALVE	HCV-SS-202C	WILL NOT PERMIT FLOW	REPLACED HCV SS 202C VALVE	2	004251009	3024
07/22/80	CC	VALVE	2-CC-404	PACKING LEAK	TIGHTENED VALVE	2	002491540	3
07/22/80	CV	PUMP	2-CV-P-1A	NO BELTS ON PUMPS	INSTALLED PUMPS AND BELTS	2	005070400	1685
07/22/80	PR	SNUBBER	2-SHP-HSS-2B	REMOVE FUNCTIONAL TEST	REMOVED TESTED INSTALLED	2	007091801	309
07/22/80	PR	SNUBBER	2-SHP-HSS-3B	REMOVE REPAIR AND INSTALL SNUBBER	REMOVED TESTED INSTALLED	2	007091803	309
07/22/80	PR	SNUBBER	2-SHP-HSS-4B	REMOVE SNUBBER FUNCTIONAL TEST	REMOVED TESTED INSTALLED	2	007091805	309
07/22/80	PR	SNUBBER	2-SHP-HSS-5B	REMOVE SNUBBER FUNCTIONAL TEST	REMOVED TESTED INSTALLED	2	007101844	285

UNIT2- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RTSEIVDT	SYS	COMP	MARKNO	SUMMARY	WKPERF	U	MR	TOTDWNTH
07/22/80	PR	SNUBBER	2-SHP-HSS-6A	REMOVE SNUBBER FUNCTIONAL TEST	REMOVE TESTED INSTALLED	2	007101045	285
07/22/80	PR	SNUBBER	2-SHP-HSS-6B	REMOVE SNUBBER FUNCTIONAL TEST	REMOVE TESTED INSTALLED	2	007101046	285
07/22/80	PR	SNUBBER	2-WFPD-HSS-13	REMOVE SNUBBER FUNCTIONAL TEST	TEST AND INSTALLED	2	007121918	186
07/22/80	PR	SNUBBER	2-RH-HSS-1	REMOVE SNUBBER FUNCTIONAL TEST	REMOVE TEST INSTALL	2	007121919	186
07/22/80	PR	SNUBBER	2-RH-HSS-17	REMOVE TEST AND INSTALL SNUBBER	REMOVE TEST+INSTALL	2	007121920	186
07/22/80	PR	SNUBBER	2-RH-HSS-19	REMOVE SNUBBER FUNCTIONAL TEST	TESTED AND REINSTALL	2	007121922	90
07/22/80	PR	SNUBBER	2-RH-HSS-20	REMOVE SNUBBER FUNCTIONAL TEST	TESTED AND REINSTALL	2	007121923	90
07/22/80	PR	SNUBBER	2-RH-HSS-21	REMOVE SNUBBER FUNCTIONAL TEST	TESTED AND REINSTALL	2	007121924	186
07/22/80	PR	SNUBBER	2-RH-HSS-23	REMOVE SNUBBER FUNCTIONAL TEST	TESTED AND REINSTALLED	2	007121925	90
07/22/80	HS	SNUBBER	2-WFPD-2	REMOVE SNUBBER FUNCTIONAL TEST	TESTED AND INSTALLED	2	007152225	159
07/22/80	HS	SNUBBER	2-SRH-HSS-22	REMOVE SNUBBER FUNCTIONAL TEST	TESTED AND REINSTALLED	2	007152245	159
07/22/80	RC	MOV	MOV-RC-2535	REPACK VALVE	REPACKED VALVE	2	007160245	8
07/22/80	KS	VALVE	2-KS-25	NIPPLE THREAD DOWNSTREAM STRIPPED	RETHREADED NIPPLE	2	007180910	7
07/22/80	CS	VALVE	2-CS-70	NIPPLE THREADS DOWNSTREAM STRIPPED	RETHREADED NIPPLE	2	007180912	7
07/22/80	CS	VALVE	2-CS-63	NIPPLE THREADS DOWNSTREAM HAS STRIPP	RETHREADED NIPPLE	2	007180913	7
07/22/80	RS	VALVE	2-RS-80	NIPPLE THREADS DOWNSTREAM HAS STRIPP	RETHREADED NIPPLE	2	007180914	7
07/22/80	PR	SNUBBER	2-RC-HSS-103	TEST REPAIR AND INSTALL SNUBBER	COMPLETED	2	007190802	81
07/22/80	PR	SNUBBER	2-RC-HSS-104	TEST REPAIR AND INSTALL SNUBBER	COMPLETED	2	007190803	81
07/22/80	PR	SNUBBER	2-RC-HSS-108	REMOVED TESTED AND INSTALLED	COMPLETED	2	007190804	81
07/22/80	PR	SNUBBER	2-SI-HSS-24	TEST+INSTALLED SNUBBER	TESTED+INSTALLED SNUBBER	2	007190807	78
07/23/80	KS	PIPING		REPLACE EXPANSION JOINT	REPLACED EXPANSION JOINT	2	004231340	481
07/23/80	CS	PIPING	2-CS-070	THREADS ON DRN LINE STRIPPED	VOID MR 2007180912 COVER THIS	2	004291226	0
07/23/80	BS	OTHER	66	REPAIR TEST CONNECTION	VOID BY JOHN PETERSON	2	005251540	0
07/23/80	BS	OTHER	69	REPAIR TEST CONNECTION	VOID BY JOHN PETERSON	2	005251541	0
07/23/80	BS	OTHER	67	REPAIR TEST CONNECTION	VOID BY JOHN PETERSON	2	005251542	0
07/23/80	SS	VALVE	TV-SS-204B	VALVE WILL NOT STROKE	OPERATOR ERROR	2	005291010	25
07/23/80	IA	VALVE	TV-IA-201A	INSTALL TEST FLANGE	INSTALLED FLANGE AND REINSTALLED STR	2	005310934	563
07/23/80	BS	OTHER		REPAIR TEST CHANNELS	VOID BY JOHN PETERSON	2	006011457	0
07/23/80	CC	VALVE	2-CC-100	LEAKS THRU	VOID CANNOT BE WORKED	2	007091230	0
07/23/80	DG	VALVE	2-DG-76	INSTALL PIPE CAP ON DRAIN	INSTALLED CAP	2	007181300	26
07/23/80	BS	OTHER		CLEAN MATING FLANGE	CLEANED FLANGE	2	007181356	24
07/23/80	IA	VALVE	TV-IA-201A	INSTALL TEST FLANGE	INSTALL AND REMOVE	2	007211118	26
07/23/80	SI	VALVE	RV-2858B	BLANK RELIEF VALVE FOR HYDRO	BLANKED DISCHARGE AT RV-2858B	2	007230930	28
07/23/80	CS	MOV	MOV-CS-202A	LEAKS THROUGH	VOID BY JOHN PETERSON	2	906262200	0
07/23/80	CS	MOV	MOV-CS-202B	LEAKS THROUGH	VOID BY JOHN PETERSON	2	906262205	0
07/24/80	CC	HX	2-CH-E-4	HEAD LEAK	VOID FOUND NO APPARENT LEAK	2	004171232	0
07/24/80	CH	PUMP	2-CH-P-1C	PUMP INDICATES NO DISCHG PRESS	REPAIRED PUMP	2	007100740	80
07/24/80	CH	PUMP	2-CH-P-1C	OIL LEAKS FROM INBOARD PMP	REPAIRED PUMP	2	007180345	80
07/24/80	SI	VALVE	2-SI-178	NO HANDWHEEL	REPLACED HANDWHEEL	2	007210949	3
07/24/80	VS	DUCTING	2-VS-F-60A	DOOR WON'T CLOSE	ADJUSTED DOOR	2	007220931	18
07/24/80	SI	INSTR	FI-2-934	NEED TO FABRICATE PARTS	PRODUCED 2 GUIDES FOR FLOWMETER	2	007221000	25
07/24/80	MS	PIPING		REMOVE BLOCKS	REMOVED 2 BLOCKS	2	007240011	3
07/24/80	CH	VALVE	RC-CH-2203	TEST RELIEF VALE	TESTED RELIEF VALVE	2	912070946	72
07/25/80	CH	VALVE	FCV-2113A	PACKING LEAK AT VALVE	VALVE DID NOT HAVE LEAK	2	004120607	2
07/25/80	SI	VALVE	2+SI-24	REPACK VALVE	VALE WAS ALKREADY REPACKED	2	004271003	2
07/25/80	CS	PIPING	2-CS-FL-1B	CHANGE OUT MEDIA	CHECKED STRAINER REPLACE GASKET	2	006181400	7
07/25/80	KS	VALVE	2-KS-E-1C	RS SIDE INLET	INSTALLED FLANGE	2	006231533	698

UNIT2- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RET/SERVDT	SYS	COMP	MARKNO	SUMMARY	WKP/PER	U	MR	TOTDWTM
07/25/80	SW	VALVE	2-SW-62	VENT VALVE	MADE UP FLANGE	2	006231535	690
07/25/80	CS	PIPING	2-CS-13	TURN SPECTACLES	INSTALL FEXTALIC GASKET	2	007020008	531
07/25/80	CS	PIPING	2-CS-24	INSTALL BLANK SIDE OF SPECTACLE	INSTALL FLEXATALIC GASKET	2	007020009	531
07/25/80	RH	PIPING		INSTALL BLANK FLANGE	INSTALLED FLANGES	2	007051505	21
07/25/80	DA	VALVE	TV-DA-200B	REPAIR PLUG LINE	DISASSEMBLED VALVE INSP. VALVE	2	007101200	72
07/25/80	CH	VALVE	MOV-2350	NO FLOW THROUGH VALVE	VOID OPENS STROKED VLV DOES NOT FLOW	2	007162034	0
07/25/80	BS	OTHER		ADJUST DOORS	ADJUSTED DOORS	2	007181355	78
07/25/80	CS	VALVE	2-CS-63	NO HANDWHEEL		2	007210948	0
07/25/80	RC	PUMPS	2-RC-P-1A	SURFACE RUST	CLEAN OFF FLANGE	2	007231410	6
07/25/80	RC	PUMP	2-RC-P-1B	SURFACE RUST	CLEAN OFF FLANGE	2	007231411	6
07/25/80	RC	PUMP	2-RC-P-1C	SURFACE RUST	CLEAN UP FLANGE	2	007231412	6
07/26/80	RC	VALVE	2-RC-64	ADD PACKING	CLEANED VALVE STEM	2	007091431	136
07/26/80	RS	VALVE	2-RS-80	VALVE STEM STRIPPED+LEAKS	FABRICATED STEM+INSTALLED	2	007181340	101
07/26/80	MS	VALVE	TV-MS-201A	WILL NOT OPERATE	VALVE WILL OPERATE	2	007231531	53
07/26/80	MS	VALVE	TV-MS-201B	WILL NOT OPERATE	VALVE WILL OPERATE	2	007231533	53
07/26/80	RC	VALVE	2-RC-2455A	LINKAGE LOOSE FOR LIMIT SWITCH	REPAIRED LINKAGE	2	007251214	25
07/26/80	MS	VALVE	TV-MS-201A	REPACK VALVE	REPACKED VALVE	2	007251247	25
07/26/80	MS	VALVE	TV-MS-201B	REPACK VALVE	REPACKED VALVE	2	007251248	25
07/26/80	MS	VALVE	TV-MS-201C	REPACK VALVE	REPACKED VALVE	2	007251249	25
07/26/80	CH	PIPING	HCV-CH-2311	AIR LINE NOT CONNECTED PROPERLY	HOOKED UP INSTRUMENT AIR LINE	2	007251315	9
07/26/80	CC	VALVE	2-CC-129	LEAK PACKING	TIGHTENED PACKING GLAND	2	007251340	11
07/26/80	IA	VALVE	2-IA-85B	INSTRUMENT AIR LINE	REPLACED SECTION OF LINE	2	007251351	1
07/26/80	RM	VALVE	2-RM-12	NO HANDWHEEL	REPLACED HANDWHEEL	2	007251414	29
07/26/80	RM	VALVE	2-RM-6	NO HANDWHEEL	REPLACED HANDWHEEL	2	007251415	29
07/26/80	SI	VALVE	RV-SI-2857B	CALIBRATE RELIEF VALVE BIT	VERIFIED SETPOINT	2	912070910	32
07/27/80	SI	INSTR	FI-2934	INSTALL NEW ROTAMETER	INSTALLED REBUILT ROTAMETER	2	002211100	51
07/27/80	SW	MOV	MOV-SW-205B	REMOVE EXP. JOINT	REMOVED EXP. JOINT	2	007181149	122
07/27/80	SW	MOV	MOV-SW-204B	REMOVE EXP JOINT	REMOVED EXP JOINT	2	007181150	122
07/28/80	SW	MOV	MOV-SW-205C	PACKING LEAKS		2	003261004	0
07/28/80	SW	MOV	MOV-SW-205C	LEAKS THRU		2	005101106	0
07/28/80	CC	INSTR	FI-CC-218A	FLOW INDICATOR NEEDS CLEANING	CLEANED C AND D PLATES A WAS OK	2	006072237	19
07/28/80	CH	INSTR	PCV-2118	REGULATOR LEAKS	REMOVED AND REPLACED REGULATOR	2	006271508	266
07/28/80	PR	SNUBBER	2-RC-HSS-189A	LEAK SNUBBER ON 47 FT LEVEL	TIGHTENED ALL FITTINGS STOPPED LEAKS	2	007251201	67
07/28/80	PR	SNUBBER	2-RC-HSS-189B	LEAK SNUBBER ON 47 FT LEVEL	TIGHTEN FITTING ON SNUBBER	2	007251202	67
07/28/80	PR	SNUBBER	2-SRC-HSS-189C	LEAK SNUBBER ON 47 FT LEVEL	TIGHTENED ALL FITTINGS STOPPED LEAKS	2	007251203	67
07/28/80	PR	SNUBBER		SIGHT GLASS MISSING	INSTALL SIGHT GLASS ON SNUBBER	2	007251205	65
07/28/80	PR	SNUBBER		6 IN SNUBBER SIGHT GLASS MISSING	INSTALL SIGHT GLASS ON SNUBBER	2	007251210	65
07/28/80	PR	SNUBBER		SNUBBER LEAKING	TIGHTEN FITTING ON SNUBBER	2	007251211	67
07/29/80	CC	PIPING		HANGERS FOR CC LINES NOT CONNECTED	INSTALLED CC LINE PIPE HANGERS	2	007181320	134
07/29/80	SI	MOV	MOV-SI-2860A	VALVE IS BINDING UP	INVESTIGATED FOUND NO PROBLEM MECH	2	007251440	22
07/29/80	SS	VALVE	TV-SS-202A	VALVE IS NOT MOUNTED	INSTALLED SOLENOID VLV	2	007262220	17
07/29/80	SI	VALVE	2-SI-11	SAMPLE LINE PLUGGED	UNPLUGGED LINE	2	911201115	30
07/29/80	MS	VALVE	2-MS-72	REPAIR OR REPLACE VALVE	LAPPED SEAT+DISC REPACKED	2	912031144	1008
07/29/80	MS	VALVE	2-MS-85	REPAIR OR REPLACE VALVE	REPAIRED VALVE	2	912031145	5718
07/30/80	RC	PIPING	2-RC-359-1502	TRIM INSULATION	TRIMMED INSULATION	2	007241354	6
07/30/80	RC	PIPING	2-RC-437-1507	TRIM INSULATION	TRIMMED INSUL	2	007241355	6
07/30/80	RC	PIPING	2-RC-249-1502	TRIM INSULATION	TRIMMED INSUL	2	007241356	6

UNIT2- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSEAVDT	SYS	COMP	MARKNO	SUMMARY	WKPFRF	U	MR	TOTDWNTR
07/30/80	RC	PIPING	4-RC-314-1502	TRIM INSULATION	TRIMMED INSUL	2	007241358	6
07/30/80	RC	PIPING	29-RC-304-2501	TRIM INSULATION	TRIMMED INSULATION	2	007241359	6
07/30/80	CH	VALVE	HCV-2310	VALVE LEAKS PAST SEAT	OVERHAULED VALVE	2	007280609	42
07/30/80	MS	VALVE	2-MS-84	REPAIR OR REPLACE VALVE	REMOVE VALVE SEATS	2	912031141	4345
07/31/80	IA	PIPING		FILLING AT ELBOW HAS A HOLE	REPAIRED IA LINE	2	007301545	18
08/01/80	RS	VALVE	2-RS-17	INSTALL SPECTACLE FLANGE		2	005310932	0
08/01/80	RS	VALVE	2-RS-11	INSTALL SPECTACLE FLANGE		2	005310933	0
08/01/80	CC	VALVE	2-CC-242	CHECK VALVE LEAKS	LAPPED VALVE	2	006252350	239
08/01/80	SW	MOV	MOV-SW-204D	REMOVE EXPANSION JOINT	INSTALLED EXP JOINT	2	007181151	238
08/01/80	SW	MOV	MOV-SW-205D	REMOVE EXP. JOINT	INSTALLED EXP JOINT	2	007181152	238
08/01/80	BS	OTHER		CORRECT VARIOUS PROBLEMS	REPAIRED PROBLEMS WITH HATCH	2	007310810	1
08/03/80	FW	PIPING	H-75	GROUT NEEDS TO BE REPLACED	REGROUTED PLATE	2	007181424	119
08/03/80	BS	OTHER		INSTALL EQUIP+ESCAPE HATCH	INSTALLED HATCHES	2	008011010	51

DEPT TOTAL

83032

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #1

Electrical Maintenance

UNIT1- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSEAVDT	SYS	COMP	MARKNO	SUMMARY	WKPEKE	U	MR	TOTDWNTH
07/07/80	CC	INSTR	T/C-CC-126	OUTBOARD DRG TEMP	REPLACED T/C	1	006111415	504
07/07/80	CC	INSTR	T/C-CC-125	THERMOCOUPLE IS OPEN-REPLACE	REPLACED T/C	1	006231522	144
07/07/80	CS	INSTR	1-CS-P-1A	SWITCH FOR 1-CS-P-1A	TESTED SAT	1	007021315	96
07/07/80	EE	DIESEL	3	ALARM UNABLE TO CLEAR	REPLACED RELAY	1	007031005	94
07/07/80	CH	MOV	MOV-CW-106C	ENOBELL OFF MTR'S STATOR	COMPLETE REPAIRED BROKENS LEAKS ON M	1	007031230	96
07/07/80	RH	MOV	MOV-RH-1701	MOV PMS	VOID WORK PERF ON MR S2006181216	1	901251520	0
07/07/80	RH	MOV	MOV-RH-1702A	MOV PMS	VOID WORK PERF ON MR S2006181217	1	901251521	0
07/07/80	RH	MOV	MOV-RH-1702B	MOV PMS	VOID WORK PERF ON MR S2006182318	1	901251522	0
07/10/80	CH	HT	CKT27PNL0	STRIP HEATERS DEFECTIVE	COMPLETE	1	003100931	2928
07/10/80	CH	HT	PNL8-CKT28	LOW TEMP ALARM	CKT OKAY	1	007081100	2
07/10/80	CH	HT	PNL-CKT-28	LOW TEMP ALARM ENERGIZED	CKT OKAY	1	007081108	2
07/19/80	CH	HT	PNL9-CKT20C	LOW AMPS	HEAT TAPE REPAIRED	1	007161603	53
08/01/80	IA	INSTR	1-IA-C-1	LOW LUBE OIL PRESSURE		1	007301050	0
DEPT TOTAL								3919

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #2

Electrical Maintenance

UNIT2- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSEKVDI	SYS	COMP	MARKNO	SUMMARY	WKPERF	U	MR	TOTDWNIM
07/01/80	KS	INSTR	RTD-RS-256A	REPLACE RTD	INSTALLED RTD	2	005150725	155
07/01/80	SS	VALVE	2-TV-SS-200A	INSTALL ASCO SOLENOID VALVE	TESTED SAT	2	006231500	174
07/01/80	SS	VALVE	2-TV-SS-201A	INSTALL ASCO SOLENOID VALVE	TESTED SAT	2	006231501	174
07/01/80	SS	VALVE	2-TV-SS-206A	INSTALL ASCO SOLENOID VALVE	TESTED SAT	2	006231504	174
07/01/80	PC	CRDM	G-7	REPAIR OR REPLACE MECHANISM	REPLACED OLD MECHANISM WITH NEW ONE	2	006251103	122
07/01/80	MS	MOV	MOV-MS-202	DISCONNECT ELECTRICALLY	VALE+LITES OPEKATE CORRECTLY	2	006251630	141
07/01/80	CC	INSTR	CC-209-1	LIMIT SWITCH NEEDS ADJUSTING	EQUIPMENT READY FOR SERVICE	2	006251935	21
07/01/80	MS	INSTR	TV-MS-201B	FAILED TO CLOSE	VALE WAS STICKING	2	006251945	32
07/01/80	SS	VALVE	TV-SS-204B	VALVE WILL NOT STROKE	PLACED WASHERS ON VALVE STEM	2	006280001	89
07/02/80	RS	INSTR	RTD-RS-256A	REINSTALL RTD	VOID WORKED ON MR S2005150725	2	005051400	2
07/02/80	SS	VALVE	TV-SS-204B	ADJUST LIMIT SWITCHES	VOID COMPL ON MR S200628001	2	006060745	0
07/02/80	CH	VALVE	MOV-2275ABC	DISCONNECT CABLES	VOID D/C	2	006101321	0
07/02/80	EPDC	CRDM		DISCONN/RECONN CRDMS	DISCONNECTED+RECONNECTED THE HEAD	2	901261314	12321
07/02/80	CC	VALVE	TV-CC-210B	DID NOT CLOSE AUTOMATICALLY ON CLS	TESTED SAT NO PROBLEM FOUND	2	906011147	9440
07/03/80	SI	PMP MTR	2-SI-P-1A	MOTOR HARD TO TURN	REPLACED UPPER+LOWER BEARING	2	005281205	837
07/03/80	SI	PMP MTR	2-SI-P-1B	DISCONNECT PERFORM PMS	CLEANED+CHANGED BOTH BEARING	2	006221000	238
07/03/80	RC	PMP MTR	2-RC-P-1A	PUMP MOTOR PMS	COMPLETED AS PER EMP-C-EPH-04B	2	901261301	12288
07/07/80	SS	VALVE	TV-SS-200A	ADJUST LIMIT SWITCHES	ADJUSTED LIMITS AS PER EMP-C-SOV-59	2	005090924	1344
07/07/80	RC	INSTR	TE-2-453	REPLACE DAMAGED FLEXIBLE CONDUIT	REPAIRED FLEXIBLE CONDUIT	2	005211757	120
07/07/80	SI	PMP MTR	2-SI-P-1B	DISCONNECT AND PERFORM PMS	VOID WORKED PERF ON MR S2006221000	2	006211934	0
07/07/80	SS	VALVE	2-TV-SS-202A	INSTALL ASCO SOLENOID VALVE	REPLACED SOV TEST SAT	2	006231502	312
07/07/80	SS	VALVE	2-TV-SS-204A	INSTALL ASCO SOLENOID VALVE	REPLACED SOV TESTED SAT	2	006231503	312
07/07/80	CS	INSTR	LR-CS-200	HIGHEST LEVEL RECORDER NOT RUNNING	COMPLETE	2	006290112	168
07/08/80	RM	VALVE	TV-RM-200B	CHECK LIMIT SWITCHES	VALVE OPERATED SAT	2	006220210	288
07/08/80	CH	HT	PNL11-CKT6	LOW TEMP		2	007070950	0
07/09/80	CC	INSTR	2-CC-T/C-202	REPAIR	STRAIGHTEN PIN IN PLUG OPERATED SAT	2	005191513	212
07/09/80	CC	VALVE	FCV-CC-212A	REPAIR VALVE	TAGS CORRECTED	2	005241532	801
07/09/80	CC	VALVE	FCV-CC-121B	REPAIR VALVE	TAGS CORRECTED	2	005241533	801
07/09/80	CC	VALVE	FCV-CC-213A	REPAIR VALVE	TAGS CORRECTED	2	005241534	801
07/09/80	CC	VALVE	FCV-CC-213B	REPAIR VALVE	TAGS CORRECTED	2	005241535	801
07/09/80	SI	HT	PNL11-CKT2	HEAT TRACING ALARM LOW	CKT CHECKED SAT	2	007051600	24
07/09/80	DG	INSTR	TV-DG-208B	INDICATING LIGHT MID POSITION	ADJUSTED LIMITS	2	007052133	29
07/09/80	CH	HT	PNL11-CKT5	LOW TEMP	ALL AMP READING ARE SAT	2	007070951	25
07/09/80	RC	VALVE	HCV-RC-2549	NEEDS STROKE ADJ	VOID WORK PERF ON MR S2905311450	2	904110525	0
07/09/80	RC	VALVE	HCV-RC-2549	INDICATES INTERMEDIATE WHEN SHUT	COMPLETE	2	905311450	9469
07/10/80	RC	PUMP	2-RC-P-1C	PRESSURE SWITCH LIGHT	NO PROBLEM FOUND	2	006271409	1
07/11/80	CH	HT	PNL10-CKT6B	REPLACE HEAT TRACING	REPLACE OLD TAPE	2	007111500	1
07/14/80	PC	CRDM		REPAIR OR REPLACE COIL	INSTALLED NEW COIL	2	007071515	96
07/15/80	RS	INSTR	LS-RS-200A	CALIBRATE AND LOOP CHECK	REPLACED LEVEL SWITCH-CHECKED OK	2	005151203	592
07/15/80	RS	INSTR		CONNECT THERMOCOUPLE	VOID THERE IS NO FEED FOR THESE	2	005151355	0
07/15/80	RS	INSTR		CAL VIB SWITCH	CALIBRATED VIBRATION SWITCH	2	005151415	63
07/15/80	RS	INSTR		CALIBRATE VIB SWITCH	CALIBRATED VIBRATION SWITCH	2	005151417	63
07/15/80	SI	MOV	MOV-2864A	VALVE THERMALS OUT WHEN OPENING	CONNECTED TORQUE SWITCH+SET LIMITS	2	006122036	771
07/15/80	RS	INSTR	2-RS-P-2A	HII LEVEL ALARM NOT WIRED UP	REWIRED OPERATED SATISFACTORY	2	006271200	45
07/15/80	RC	INSTR	2-RC-P-1C	BEARING OIL PRESS LIGHT	VOID WORK PERFORMED ON MR S200627140	2	007091245	0
07/15/80	SI	MOV	MOV-SI-2863B	MOV PMS	PMS COMPLETE	2	901251507	12201
07/17/80	CH	MOV	LCV-CH-2115B	MOV PMS	PMS PERFORMED	2	901251459	49

UNIT2- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSEAVDT	SYS	COMP	MARKNO	SUMMARY	WKPERF	U	MR	TOTDWN	MIN
07/19/80	CH	HT	PWL9-CKT20B	LOW AMPS	HEAT TAPE REPAIRED	2	007161602	54	
07/20/80	RH	MOV	MOV-RH-2720A	PERFORM PMS	PERFORMED PMS ON MTR+CONTROL CIR.	2	006181217	177	
07/21/80	CH	MOV	LCV-CH-2115A	MOV PMS	COMPLETE	2	901251458	84	
07/21/80	CH	MOV	LCV-CH-2115C	MOV PMS	COMPLETE	2	901251500	84	
07/21/80	VS	FAN MTR	2-VS-F-60B	FAN MOTOR PMS	TESTED MOTOR AND LOAD CHECKED	2	901261008	12892	
07/22/80	KS	INSTR	RTD-RS-254A	REPLACE RTD IN THERMOWELD	REPLACED RTD	2	004271028	33	
07/22/80	KS	INSTR	RTD-RS-254B	REPLACE RTD IN THERMO WELD	REPLACED RTD	2	004271513	33	
07/22/80	KS	INSTR	LS-RS-200B	CALIBRATE AND LOOP CHECK	REPLACED LEVEL SWITCHES AND TESTED	2	005151204	775	
07/22/80	RH	MOV	MOV-RH-2720B	PERFORM PMS	COMPLETED AS PER EMP-P-MOV-45	2	006182318	79	
07/22/80	KS	PMP MTR	2-KS-P-2B	REPAIR TOP END OF BELL	REPAIRED END BELL	2	007181400	33	
07/22/80	CH	HT	PWL10CKT5	CKT 5 FOUND IN TRIPPED POSITION	REPLACED BREAKER	2	007182045	9	
07/22/80	VS	FAN MTR	2-VS-F-60A	FAN MOTOR PMS	TEST RAN MTR + LOAD CHECKED	2	901261007	12960	
07/24/80	CH	PUMP	2-CH-P-1C	AUX OIL PP NOISY	DIDNT FIND ANY PROBLEM WITH MTR	2	006220605	727	
07/24/80	CH	MOV	MOV-LCV-2115D	MOV THERMALS OUT WHEN OPENING	REWIND MOTOR	2	007122130	281	
07/24/80	CH	PMP MTR	2-CH-P-1A	REPAIR OIL LEAKS	FOUND NO OIL LEAKS	2	007221420	6	
07/24/80	CH	PMP MTR	2-CH-1B	REPAIR OIL LEAKS	FOUND NO OIL LEAKS	2	007221421	6	
07/24/80	CH	PMP MTR	2-CH-1C	REPAIR OIL LEAKS	FOUND OIL LEAKS	2	007221422	6	
07/24/80	HP	OTHER		RELAY COIL FAILED BFD RELAY	REPLACED RELAY	2	007221802	29	
07/24/80	EPH	BREAKER	25A8	BREAKER PMS	REPAIRED BREAKER+TESTED	2	901251320	12492	
07/24/80	VS	FAN MTR	2-VS-F-60C	FAN MOTOR PMS	TESTED MOTOR AND LOAD CHECKED	2	901261009	12892	
07/24/80	VS	FAN MTR	2-VS-F-60D	FAN MOTOR PMS	TESTED MOTOR AND LOAD CHECKED	2	901261010	12892	
07/24/80	VS	FAN MTR	2-VS-F-60E	FAN MOTOR PMS	TESTED MOTOR AND LOAD CHECKED	2	901261011	12892	
07/24/80	VS	FAN MTR	2-VS-F-60F	FAN MOTOR PMS	BRIDGED + MEGGERED RAN CHECKED AMPS	2	901261012	9337	
07/25/80	PE	OTHER	18A	NO PRESSURE TUBING-DISCONNECTED	COMPLETED AS PER EMP-C-PE-21+EMP-C-P	2	004261015	1920	
07/25/80	PE	OTHER	A-17	LEAKS DURING PT 16.2	COMPLETED AS PER EMP-C-PE-21 EMP-C-P	2	004291708	1849	
07/25/80	SW	PMP MTR	2-SW-P-10A	PUMP WILL NOT START	PUMP MTR REPLACED	2	007210622	60	
07/25/80	FW	PUMP	2-FW-P-3B	PUMP WILL NOT AUTO START	TEST SAT SATISFACTORY	2	007222155	1	
07/25/80	MS	MOV	MOV-MS-201B	WILL NOT OPEN	MOV OPERATES SAT	2	007231532	24	
07/25/80	RH	PMP MTR	2-RH-P-1A	DISCONNECT MOTOR AND RECONNECT	MOTOR RETURNED TO SERVICE	2	908211304	8114	
07/28/80	BS	OTHER	A17	ELEC PENETRATION	VOID WORK PERF ON 2004291708	2	003191346	0	
07/28/80	BS	OTHER	A18	ELEC PENETRATIONS	VOID WKPERF ON MR 2004261015	2	003191348	0	
07/28/80	PE	OTHER	17A	NO PRESSURE-TUBING DISCONNECTED	VOD WKPERF ON MR 2004261708	2	004261017	0	
07/28/80	MS	MOV	MOV-MS-201C	WILL NOT OPEN	MOV RETURNED TO SERVICE	2	007231530	99	
07/29/80	SI	PMP/MTR	2-SI-P-1A	DISCONNECT FOR MECH	MOTOR RETURNED TO SERVICE	2	007011220	638	
07/29/80	EPDC	CHARGER	2B1	LOW VOLTAGE ALARM	ADJUSTED ALARM BOARD ON 2B2	2	007250953	51	
07/29/80	SI	HT		REMOVE HT FOR MECH	HEAT TAPE CKT BACK IN SERVICE	2	007261120	69	
07/30/80	SI	MOV	MOV-SI-2860A	WILL NOT CLOSE ELECTRICALLY	MOV REPAIRED	2	007251222	29	
07/31/80	RC	PIPING	6-RC-340-341-6	CONDUIT RESTING ON TOP OF SV PP	RELOCATED	2	007241350	127	
07/31/80	EPH	SWITCHGE	2A2BUS	PARTIAL GROUND INDICATED		2	007270700	0	
08/01/80	RS	INSTR	LS-RS-200D	CALIBRATE AND LOOP CHECK		2	005151206	0	
08/01/80	KS	PUMP	2-SRS-P-2B	HOOKUP WIRING TO LEV TRANSMITTER	REPLACED SWITCH TESTED SAT	2	006271136	461	
08/01/80	BS	OTHER		LIMIT SWITCH	INSTALLED NEW LIMIT SWITCH	2	007181354	168	
08/01/80	MS	VALVE	TV-MS-201C	WILL NOT OPERATE		2	007231544	0	
08/01/80	CH	MOV	MOV-21115D	REPAIR LIMIT SWITCHES		2	007241550	0	
08/01/80	VS	VALVE		SOV DOES NOT WORK		2	007291247	0	
08/01/80	VS	VALVE		FAN DOES NOT WORK WHEN OPERATED		2	007291248	0	
08/01/80	FW	VALVE	MOV-FW-260A	DISCONNECT FOR MECHANICS		2	007301209	0	

DEPT=ELEC

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UNIT2- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSERVDT	SYS	COMP	MARKNO	SUMMARY	WKPFRF	U	MR	TOTDWN/TM
08/01/80	CH	VALVE	LCV-2115E	VALVE WILL NOT GO FULLY CLOSED	RENEWED TORQUE SWITCH	2	008010443	1
08/01/80	EPDC	BATT		PERFORM PT 23.4B		2	911091401	0

DEPT TOTAL

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #1

Instrument Maintenance

DEPT=INST

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UNIT1- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSEVDY	SYS	COMP	MARKNO	SUMMARY	WKPERF	U	MR	TOTDWNM
07/08/80	RC	INSTR	H-B-2	ΔT DEVIATION COMES IN CONSTANLY	VOID REF MR S100611130	1	007051201	0
07/10/80	RM	MONITOR	RM-RMS-159/160	CHECK FILTERS	CHECKED FLOW ACTUAL FLOW SAT	1	007040722	72
07/10/80	CC	INSTR	PI-CC-102	PI CONTINUOUSLY READS OFF-SCALE	REPLACED FAULTY GUAGE	1	007061049	24
07/10/80	RM	MONITOR	RM 159/160	FLOW FAULT	ACTUAL FLOW 7 RESET FLOW	1	007090245	24
07/10/80	RC	INSTR	YI-VMS-100A	BAD INDICATION	CALIBRATED PZR TECH MANUAL	1	007090330	24
DEPT TOTAL								144

Maintenance of Safety Related Systems During
Outage or Reduced Power Periods

UNIT #2

Instrument Maintenance

UNIT2- 8/04/80
(MAINTENANCE OF SAFETY RELATED SYSTEMS DURING OUTAGE OR REDUCED POWER PERIODS)

RETSEKVDT	SYS	COMP	MARKNO	SUMMARY	WKPFRF	U	MR	TOTDWTM
07/01/80	RI	OTHER	B-10	ROD BOTTOM LIGHT	ADJUSTED LIMITS	2	006280435	21
07/02/80	CH	INSTK	P1-121	INDICATES 250 NO PRESSURE	CHECKED SAT AT THIS TIME	2	006210625	21
07/02/80	CV	VALVE	HCV-2186	VALVE TRAVEL 3/4 FULL STROKE	RESTROKED VALVE	2	006260236	24
07/02/80	NI	INSTK	N1-44	LOSS OF DETECTOR VOLTAGE	RESET HIGH VOLTAGE CIRCUIT	2	006272324	46
07/02/80	RC	INSTK	LR-2-459	RECORDER NEEDS CALIBRATING	FOUND LOOSE GEAR	2	006301854	24
07/02/80	RC	INSTK	LR-2-459	LEVEL RECORDER	FOUND LOOSE GEAR	2	006301855	24
07/10/80	IA	INSTK	TC-CC-209B	LEAKING INST AIR	REPLACED PILOT RELAY+RETUBED VAL	2	006100522	1
07/16/80	NI	MISC	NR-45	CHART DRIVE BROKE	REPLACED DRIVE MOTOR	2	007141450	28
07/17/80	NI	MISC	LR-2-459	REEL WILL NOT TAKEUP	REMOVED TENSION ON WHEEL	2	007130700	32
07/18/80	KC	INSTK	LI-461	READS LOW AS COMPARED TO OTHERS	FILLED+VENTED TRANSMITTER	2	006290702	433
07/18/80	DC	INSTK	PI-DG-207	PRESS INDICATOR INOP	ADJUSTED TRANSMITTER ZERO	2	006290735	433
07/18/80	CH	INSTK	PT 2160	PRESSURE TRANSMITTER LEAKING	INSTALLED NEW TRANSMITTER	2	007112025	78
07/22/80	CS	INSTK	FI-CS-203	CHECK CAL ON FLOWMETER	REPLACED FLOWMETER	2	007161545	122
07/22/80	CS	INSTK	FI-CS-204	CHECK CAL ON FLOWMETER	REPLACED FLOWMETER	2	007161546	122
07/22/80	CC	INSTK	2-CH-E-4	CALIBRATE GAGES	CALIBRATED	2	007170909	99
07/22/80	CC	INSTK	2-NS-E-1A+B	CALIBRATE GAGES	REPLACE 1 GAUGE CALIBRATED ALL	2	007170910	99
07/22/80	CC	INSTK		CALIBRATE GAGES	REPLACED 1 GAUGE CALIBRATED ALL	2	007170911	100
07/22/80	CC	INSTK	PI-CC-270A-F	CALIBRATE GAGES	REPLACED 1 GAUGE CALIBRATED ALL	2	007170912	100
07/22/80	CC	INSTK		CALIBRATE TI'S	CALIBRATED	2	007170915	100
07/22/80	CC	INSTK		INSTALL TEST GAGE	INSTALLED TWO CALIBRATED GAGES	2	007170916	98
07/22/80	CC	INSTK		INSTALL TEST GAGES	INSTALLED TWO CALIBRATED GAGES	2	007170917	98
07/22/80	CC	INSTK	2-VS-E-2A	INSTALL TEST GAGES	INSTALLED TWO CALIBRATED GAGES	2	007170918	98
07/22/80	CC	INSTK	2-VS-E-2B	INSTALL TEST GAGES	INSTALLED TWO CALIBRATED GAGES	2	007170919	98
07/22/80	CC	INSTK	2-VS-E-2C	INSTALL TEST GAGES	INSTALLED CALIBRATED GAGES	2	007170920	98
07/23/80	CC	INSTK	PI-CC-292A-L	CALIBRATE GAGES	VOID NOT REQUIRED FOR TESTING	2	007170913	0
07/24/80	IC	OTHER		CHECKOUT INCORE THERMOCOUPLES	CHECKED SYSTEM SAT	2	004101109	556
07/25/80	RI	OTHER	F-6	LIGHT WILL NOT COME ON	RECAL CONDITIONING MODULE	2	006271900	5
07/28/80	CH	VALVE	HCV-2186	POSITIONER DOES NOT FUNCTION	REPLACED FEEDBACK ARM	2	007021446	284
07/28/80	KC	INSTK	TR-2-410	DOES NOT TRENDR-PEN NO 1	CALIBRATED RECORDER	2	007081301	49
07/28/80	NI	MISC	NK-45	RECORDER DRIVE NOT WORKING	REPLACED MOTOR +CAPACITOR	2	007170035	48
07/28/80	VS	FAN/BLWR	2-VS-F-60F	FAN DAMPER	INSTALLED UNIONS REG SET SCREW	2	007220930	49
07/28/80	SI	INSTK	F1-2940	NO ACTUAL FLOW	INSTALLED NEW VALVE	2	007231716	19
07/28/80	RS	INSTK	T1-RS-256A	READS 188 F AT AMBIENT TEMP	REWIRE AND CHECKED SAT	2	007231723	1
07/28/80	KC	INSTK	TR-2-413	A LOOP READS 200 F	RESET FEEDBACK POT+CALIBRATED	2	007232220	73
07/29/80	CV	INSTK	F122	LOW VOLTAGE LOW TO COMPUTER	BAD AD CARD REPLACED	2	007250830	23
07/29/80	CH	INSTK	P121	P121 INPUT TO COMPUTER 100MV LOW	ADJUSTED INDICATOR	2	007251115	30
07/29/80	NI	MISC	NR-2-44	PEN 1 DOES NOT WORK	REPLACED SERVO AMP AND RECALIBRATION	2	007261021	24
07/29/80	CH	VALVE	FCV-2122	VALVE LEAKS	CALIBRATED E/P AND VALVE POSITIONER	2	007280608	24
07/30/80	IA	VALVE	2-IA-754	INSTRUMENT AIR LINE	REPAIRED AIR LINE	2	007251352	54
08/01/80	RI	INSTK	T0605A	SPURADIC TEMP PRINTOUTS	THERMOCOUPLE REPLACED	2	007291526	26
08/02/80	CH	INSTK	1-CH-P-1C	CALIBRATE LUBE OIL PMP	INSTALLED CALIBRATION GAGE	2	007150558	404

DEPT TOTAL

4066

JULY, 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

JULY, 1980

<u>NO.</u>	<u>UNIT</u>	<u>TITLE</u>	<u>DEVIATION</u>
EMP-P-RT-101	1	Protective Relay Maintenance for Breaker No. 15B5- Steam Generator Feed Pump 1-FW-P-1B1	Step 3.1.1-Rack 15c5 into "Test" position. Steps 5.9.21 and 5.9.22 - Not necessary to lift wires

The above procedure was deviated December 14, 1976 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980.

EMP-P-RT-102	1	Protective Relay Maintenance for Breaker No. 15B5- Steam Generator Feed Pump 1-FW-P-1B2	Step 3.1.1-Rack 15B5 into "Test" position. Steps 5.9.21 and 5.9.22- Not necessary to lift wires
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The above procedure was deviated December 14, 1976 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980.

MOP-7.10	1	Recirculating Spray Piping Flush (R.S. Pump Discharge)	Steps 4.2 and 4.17-Did not unblock 1-RS-17 and 11 Steps 4.5 through 4.9 Used alternate flushing procedure.
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The above procedure was deviated January 11, 1977 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980

MOP-14.4	2	Return of 2-RH-P-1B to Service	Step 4.6-No flanges installed on 2-RH-3 Step 4.4-Not performed
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The above procedure was deviated June 26, 1980 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980.

PT-2.19 (L-CS-200A)	2	Refueling Water Storage Tank Level (L-CS-200A)	Change Data Sheet to reflect design change and setpoint change.
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The above procedure was deviated July 2, 1980 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980

PT-2.19 (L-CS-200B)	2	Refueling Water Storage Tank Level (L-CS-200B)	Change Data Sheet to reflect design change and setpoint change.
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The above procedure was deviated July 2, 1980 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980

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

JULY, 1980

Cont'd

<u>NO.</u>	<u>UNIT</u>	<u>TITLE</u>	<u>DEVIATION</u>
PT-2.19 (L-CS-200C)	2	Refueling Water Storage Tank Level (L-CS-200C)	Change Data Sheet to reflect design change and setpoint change
The above procedure was deviated July 2, 1980 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980.			
PT-2.19 (L-CS-200D)	2	Refueling Water Storage Tank Level (L-CS-200D)	Change Data Sheet to reflect design change and setpoint change.
The above procedure was deviated July 2, 1980 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980.			
PT-2.19A (L-CS-200A)	2	Refueling Water Storage Tank Level (L-CS-200A)	Change to reflect Design Change 77-09 and setpoint Change 79-13
The above procedure was deviated July 2, 1980 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980.			
PT-2.19A (L-CS-200B)	2	Refueling Water Storage Tank Level (L-CS-200B)	Change to reflect Design Change 77-09 and setpoint Change 79-13
The above procedure was deviated July 2, 1980 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980.			
PT-2.19A (L-CS-200C)	2	Refueling Water Storage Tank Level (L-CS-200C)	Change to reflect Design Change 77-09 and Setpoint Change 79-13.
The above procedure was deviated July 2, 1980 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980			
PT-2.19A (L-CS-200D)	2	Refueling Water Storage Tank Level (L-CS-200D)	Change to reflect Design Change 77-09 and Setpoint Change 77-13.
The above procedure was deviated July 2, 1980 and reviewed by the Station Nuclear Safety and Operating Committee July 24, 1980.			
MOP-49.4	1	Return to Service "B" Emergency SW Pump	Step 5.1-Not performed. Signature and date of verification omitted.
The above procedure was deviated July 9, 1980 and reviewed by the Station Nuclear Safety and Operating Committee July 31, 1980.			