

S53 850215 988

TENNESSEE VALLEY AUTHORITY
DIVISION OF NUCLEAR POWER
SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT
TO THE
NUCLEAR REGULATORY COMMISSION
January 1, 1985 - January 31, 1985

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-32E

LICENSE NUMBER DPR-79

Submitted by:

P. R. Wallace
P. R. Wallace, Plant Manager

8503200133 850131
PDR ADOCK 05000327
R PDR

7E24
11

TABLE OF CONTENTS

	<u>Page</u>
Operations Summary	1
Significant Operational Events	1-4
PORVs and Safety Valves Summary.	4
Reports	
Licensee Events	5
Diesel Generator Failure Reports.	5
Special Reports	5
Operating Data	
Unit 1.	6-8
Unit 2.	9-11
Plant Maintenance Summary.	12-30

Operations Summary

January 1985

The following summary describes the significant operational activities for the month of January. In support of this summary, a chronological log of significant events is included in this report.

Unit 1

Unit 1 was critical for 744.0 hours, produced 862,250 MWH (gross), resulting in an average hourly gross load of 1,158,938 kW during the month. There are 139.9 full power days estimated remaining until the end of cycle 3 fuel. With a capacity factor of 85 percent, the target EOC exposure would be reached July 16, 1985. The capacity factor for the month was 98.0 percent.

During the month, the unit experienced no reactor scrams, manual shutdowns, or power reductions.

Unit 2

Unit 2 was critical for 718.2 hours, produced 679,040 MWH (gross), resulting in an average hourly gross load of 967,018 kW during the month. There are 337.6 full power days estimated remaining until the end of cycle 3 fuel. With a capacity factor of 85 percent, the target EOC exposure would be reached March 5, 1986. The capacity factor for the month was 77.2 percent.

During the month, the unit experienced two reactor scrams, one manual shutdown and one power reduction.

Significant Operational Events

Unit 1

<u>Date</u>	<u>Time</u>	<u>Event</u>
01/01/85	0001	The reactor was in mode 1 at 100% power producing 1165 MWE.
01/06/85	1158	The unit has operated 100 days since the last turbine start-up. This is unit one's first 100 day run.
01/28/85	1545	B1 waterbox was removed from service to investigate for a tube leak.
	1845	B1 waterbox was returned to service, no leak found
01/29/85	0140	B2 waterbox removed from service due to a tube leak.
01/30/85	1130	B2 waterbox returned to service.
01/31/85	2359	The reactor was in mode 1 at 100% power producing 1180 MWE.

Significant Operational Events

(Continued)

Unit 2

<u>Date</u>	<u>Time</u>	<u>Event</u>
01/01/85	0001	The reactor was in mode 1, holding at 30% power due to secondary chemistry and producing 300 MWE.
	0910	Began reducing power for the turbine overspeed trip test.
	1127	The unit was removed from the power grid. The reactor was maintaining 10% power.
	1737	The unit tied on-line.
	1930	The reactor obtained 30% power and was holding due to secondary chemistry. The unit was producing 318 MWE.
01/02/85	1245	Began power ascension.
	1845	Stopped the power ascension at 42% power to investigate problems with the #3 heater drain tank pumps (3HDTPs).
	1919	Resumed power ascension.
	2354	Held 48% power for additional maintenance on the #3HDTPs.
01/03/85	0139	Resumed power ascension.
	0800	Stopped the power ascension at 58% power to replace a leaking gasket 2B #3HDTP.
	1050	2A and 2C #3HDTPs tripped due to problems with 2-LCV-6-106A and 106B. Began reducing power for maintenance on the valves.
	1340	The reactor was maintaining 50% power.
01/04/85	1215	Began power ascension
01/05/85	0200	The reactor obtained 75% power and was holding while flux mapping and incore/excore calibrations were being performed.
01/06/85	1830	Resumed power ascension.

Significant Operational Events

(Continued)

Unit 2

<u>Date</u>	<u>Time</u>	<u>Event</u>
01/07/85	0030	The reactor obtained 90% and held while S1-78 was being performed.
	0152	Began power ascension
	1318	Maintained 95% reactor power for adjustments to the NIS channels.
	1456	The reactor obtained 100% power and was producing 1184 MWE.
01/08/85	2326	All three #3HDTPs tripped. The operator performed a manual runback to 81% power. The pumps were restarted.
	2350	The #3HDTPs tripped again. The unit experienced an auto runback to 78% power.
01/09/85	0315	Began power ascension.
	0626	The reactor obtained 89% power and was holding. Investigating 2-LCV-6-106A and 106B.
	1001	Began reducing power to 80% for maintenance on 2-LCV-6-106A and 106B.
	1206	The reactor obtained 80% power.
01/10/85	0932	Began increasing power.
	1700	The reactor obtained 100% power and was producing 1184 MWE.
01/12/85	0320	2-LCV-6-106A failed.
	0327	All three #3HDTPs tripped
	0328	MFPT-2A tripped due to the lost of injection water.
	0329	The reactor tripped due to a lo-lo level in steam generator #2.
	2154	The reactor was taken critical.
01/13/85	0354	The unit was tied on-line.
	0700	The reactor obtained 30% power and was holding due to secondary chemistry.

Significant Operational Events

(Continued)

Unit 2

<u>Date</u>	<u>Time</u>	<u>Event</u>
01/14/85	0704	The reactor tripped due to the 2 of 4 logic of the NIS power range instruments. Instrument maintenance was performing SI-80 and when N-42 was returned to service the negative rate trip was not reset. When N-41 was removed from service 2 of the 4 channels were out-of-service, therefore the reactor tripped.
	1428	The reactor was taken critical.
	1826	The unit was tied on-line.
	2025	The reactor obtained 30% power and was holding due to secondary chemistry.
01/16/85	0245	Began power ascension.
	2140	The reactor obtained 100% power producing 1166 MWE.
01/17/85	0004	2B #7HDTP tripped on motor overload. Power was reduced and stabilized at 98% power.
	0204	Increased power to 100%.
01/31/85	2359	The reactor was in mode 1 at 100% power producing 1180 MWE.

PORVs and Safety Valves Summary

No PORVs nor safety valves were challenged during the month.

Licensee Events and Special Reports

The following licensee event reports (LER) were sent during January 1985 to the Nuclear Regulatory Commission.

<u>LER</u>	<u>DESCRIPTION OF EVENT</u>
1-84070	During the performance of Surveillance Instruction (SI) 3 on December 24, 1984. Containment isolation valves 1-FCV-61-110 and 112 failed to stroke to the fully closed position. These valves are the inboard and outboard isolation valves for the ice condenser glycol system. The outboard valve was manually closed to comply with the action requirements of LCO 3.0.3 and 3.6.3b.
1-85002	Following additional inspection of various safety-related systems, three conduits were found to have missing or damaged KAO-wool insulation; therefore, the conduit were not in compliance with Appendix R of 10CFR50.. The conduits (2PM1001I, 2PM1084I, and 2PM2114II) carry cables for steam generator pressure and flow transmitters and auxiliary feedwater flow transmitters. Fire watches previously established in this area satisfies requirements of the action statement LCO 3.7.12.
1-8500-3	A review of a completed surveillance instruction (SI-233) performance package. "Visual Inspection of Penetrations, Fire Barriers, and Fire Stops" discovered that the SI performance had exceeded the technical specification maximum allowable performance date by 52 days.
2-84020	At 0826 CST on December 16, 1984, unit 2 experienced an inadvertent "A" train safety injection and a reactor trip. Unit 2 was in mode 3 at the time of the injection and trip.
2-84021	During a load reduction to perform a main turbine overspeed test, a reactor trip occurred at 1532 CST in December 29, 1984 on a loop 4 low-low steam generator level. The reactor was in mode 1 at 18% power.

Diesel Generator Failure Report

There were no diesel generator failure reports transmitted during the month.

Special Reports

84-11 On December 19, 1984, Operations Personnel were notified by TVA Office of Construction personnel of a failure to close a fire penetration breach within the allotted seven days in accordance with technical specification L.C.O. 3.7.12, action 'a'. The penetration, a three inch mechanical pipe sleeve into the fifth vital battery room, was breached at 1400 CST on December 11, 1984, in accordance with procedure PHYSI-13, Attachment F, and closed at 0900 CST on December 19, 1984.

OPERATING DATA REPORT

DOCKET NO. 50-327
 DATE FEBRUARY 6, 1985
 COMPLETED BY M. G. EDDINGS
 TELEPHONE (615) 870-6421

OPERATING STATUS

1. UNIT NAME: SEQUOYAH NUCLEAR PLANT, UNIT 1 NOTES:
 2. REPORT PERIOD: JANUARY 1985
 3. LICENSED THERMAL POWER(MWT): 3411.0
 4. NAMEPLATE RATING (GROSS MWE): 1220.6
 5. DESIGN ELECTRICAL RATING (NET MWE): 1148.0
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1183.0
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1148.0
 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBERS 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	744.00	744.00	31465.00
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.00	744.00	21391.66
13. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
14. HOURS GENERATOR ON-LINE	744.00	744.00	20852.95
15. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	2532389.16	2532389.16	67210075.11
17. GROSS ELECTRICAL ENERGY GEN. (MWH)	862250.00	862250.00	22598666.00
18. NET ELECTRICAL ENERGY GENERATED (MWH)	828152.00	828152.00	21709782.00
19. UNIT SERVICE FACTOR	100.00	100.00	66.27
20. UNIT AVAILABILITY FACTOR	100.00	100.00	66.27
21. UNIT CAPACITY FACTOR (USING MDC NET)	96.96	96.96	60.10
22. UNIT CAPACITY FACTOR (USING DER NET)	96.96	96.96	60.10
23. UNIT FORCED OUTAGE RATE	0.00	0.00	17.80
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): ICE WEIGHING, APRIL 27, 1985 19 DAYS----- ----- -----			
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: ----- -----			

NOTE THAT THE THE YR.-TO-DATE AND CUMULATIVE VALUES HAVE BEEN UPDATED.

ATTACHMENT 1
AVERAGE DAILY UNIT POWER LEVEL

FILE PACKAGE NO. 55
REPORT REQUIREMENTS

DOCKET NO. SO-327

UNIT ONE

DATE February 1, 1985

COMPLETED BY M. G. Eddings

TELEPHONE (615) 870-6421

MONTH JANUARY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1119</u>	17	<u>1125</u>
2	<u>1117</u>	18	<u>1126</u>
3	<u>1116</u>	19	<u>1124</u>
4	<u>1122</u>	20	<u>1121</u>
5	<u>1120</u>	21	<u>1120</u>
6	<u>1122</u>	22	<u>1118</u>
7	<u>1121</u>	23	<u>1113</u>
8	<u>1122</u>	24	<u>1112</u>
9	<u>1122</u>	25	<u>1110</u>
10	<u>1126</u>	26	<u>1121</u>
11	<u>1126</u>	27	<u>1118</u>
12	<u>1121</u>	28	<u>1119</u>
13	<u>1125</u>	29	<u>1133</u>
14	<u>1125</u>	30	<u>1136</u>
15	<u>1125</u>	31	<u>1138</u>
16	<u>1126</u>		

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-327
 UNIT NAME Sequoyah One
 DATE February 1, 1985
 COMPLETED BY M. G. Eddings
 TELEPHONE (615) 870-6421

REPORT MONTH JANUARY

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
									No shutdowns or power reductions during month

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-Cont. of Existing Outage
 5-Reduction
 9-Other

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

⁵
 Exhibit I-Same Source

OPERATING DATA REPORT

DOCKET NO. 50-328
 DATE FEBRUARY 6, 1985
 COMPLETED BY D.C.DUPREE
 TELEPHONE (615) 870-6627

OPERATING STATUS

1. UNIT NAME: SEQUOYAH NUCLEAR PLANT, UNIT 2 NOTES:
 2. REPORT PERIOD: JANUARY 1985
 3. LICENSED THERMAL POWER(MWT): 3411.0
 4. NAMEPLATE RATING (GROSS MWE): 1220.6
 5. DESIGN ELECTRICAL RATING (NET MWE): 1148.0
 6. MAXIMUM DEPENDABLE CAPACITY (GROSS MWE): 1183.0
 7. MAXIMUM DEPENDABLE CAPACITY (NET MWE): 1148.0
 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS NUMBERS 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	744.00	744.00	23425.00
12. NUMBER OF HOURS REACTOR WAS CRITICAL	718.20	718.20	17413.32
13. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
14. HOURS GENERATOR ON-LINE	702.20	702.20	16972.38
15. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	2002236.38	2002236.38	54001247.25
17. GROSS ELECTRICAL ENERGY GEN. (MWH)	679040.00	679040.00	18370720.00
18. NET ELECTRICAL ENERGY GENERATED (MWH)	650071.00	650071.00	17671079.60
19. UNIT SERVICE FACTOR	94.38	94.38	72.45
20. UNIT AVAILABILITY FACTOR	94.38	94.38	72.45
21. UNIT CAPACITY FACTOR (USING MDC NET)	76.11	76.11	65.71
22. UNIT CAPACITY FACTOR (USING DER NET)	76.11	76.11	65.71
23. UNIT FORCED OUTAGE RATE	4.83	4.83	8.44
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): ----- ----- -----			
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: ----- -----			

NOTE THAT THE THE YR.-TO-DATE AND CUMULATIVE VALUES HAVE BEEN UPDATED.

ATTACHMENT 1
AVERAGE DAILY UNIT POWER LEVEL

FILE PACKAGE NO. 55
REPORT REQUIREMENTS

DOCKET NO. 50-328
UNIT 2
DATE February 6, 1985
COMPLETED BY D. C. Dupree
TELEPHONE (615) 870-6627

MONTH JANUARY

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>279</u>
2	<u>335</u>
3	<u>530</u>
4	<u>574</u>
5	<u>827</u>
6	<u>845</u>
7	<u>1117</u>
8	<u>1140</u>
9	<u>918</u>
10	<u>997</u>
11	<u>1146</u>
12	<u>119</u>
13	<u>212</u>
14	<u>92</u>
15	<u>261</u>
16	<u>756</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1130</u>
18	<u>1141</u>
19	<u>1144</u>
20	<u>1146</u>
21	<u>1139</u>
22	<u>1139</u>
23	<u>1142</u>
24	<u>1139</u>
25	<u>1143</u>
26	<u>1147</u>
27	<u>1144</u>
28	<u>1147</u>
29	<u>1147</u>
30	<u>1141</u>
31	<u>1148</u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

(9/77)

241

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-328
 UNIT NAME Sequoyah Two
 DATE February 6, 1985
 COMPLETED BY D. C. Dupree
 TELEPHONE (615) 870-6627

REPORT MONTH January, 1985

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
1	850101	S	6.17	B	9				Turbine Overspeed Test the reactor remained critical at 10% power
2	850112	F	24.27	A	3				All #3HDTPs tripped when 2-LCV-6-106A failed MFPT-2A tripped due to the loss of injection water and the reactor tripped due to Lo Lo level #2 steam generator.
3	850114	F	11.27	B	3				Negative rate trip due to N.I.S. receiving a 2 out of 4 logic signal while performing a maintenance instruction on N.I.S.

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-Cont. of Existing Outage
 5-Reduction
 9-Other

4
 Exhibit G-Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)
 5
 Exhibit I-Same Source

11

Plant Maintenance Summary

The plant maintenance summary for significant maintenance items completed during the month of January 1985 are listed in the following order:

Construction Activities
Electrical Maintenance Section
Electrical Modification Section
Instrument Maintenance Section
Mechanical Maintenance Section
Mechanical Modification Section

Construction Activities

January 1985

ECN L5503, 5111 - Office and Power Stores Facility.

This project is approximately 96 percent complete. NUC PR occupied the top floor (EL. 740) on January 19, 1985. El. 726 is scheduled to be transferred to NUC PR on February 8, 1985. Installation of doors, windows, office partitions, electrical power cable and telephone cable (under carpet cables) continued. Scheduled completion for this project is March 31, 1985.

ECN L5609, 5610 - Make-up Water Treatment Plant.

The project is approximately 75% complete. During this month, work continued on the installation of piping, cable trays, protective coatings, and yard piping. Installation of pump foundations in the Turbine Building continued. Workplans for interfacing work in the Turbine Building have been approved. The schedule for preoperational testing of the systems has been given to Construction to complete the systems required to facilitate pre-op so that the plant can be operational by March 31, 1985. Construction may start multi-shift work on this building.

ECN L5599 - Fifth Vital Battery.

The project is approximately 98% complete. Preoperational testing of HVAC, F.P. and 5th vital battery testing began on February 2, 1985. Installation of TCI insulation on the new conduit to comply with Appendix R requirement is in progress. High pressure fire protection tie-in point will be done during the UI ice weighing outage. Protective coating in the room will be done after discharge testing is completed.

ECN L5841 - Hot Machine Shop

The project is 99 percent complete. Health Physics laboratory, deconning machines, electric shop, snubber shop, and hot machine shop are operational. Work continued on communication and fire detection cable pulling and equipment installation. Monorail and hoist over the electropolishing equipment in the decon room will be done later.

ECN L6182 - Cooling Tower Repair

Custodis Ecodyne - The contractor finished ice damage related work on both cooling towers and left the site. They will come back later to complete the remaining two punchlist items (concrete louvers and nozzles). Due to severe weather during January 20 through January 23, 1985 icing related damage occurred to both towers. At present EPA permitted SQN to take both towers out of service until March 15, 1985, as long as a ΔT of 7^oF is not exceeded. This permission is granted to assess damage to the towers and remove debris from the base of the towers.

ECN L5202 - Fifth Diesel Generator Modification.

ERCW discharge piping in the yard being installed at present time.

06:37:34

02-06-85

ELECTRICAL MAINTENANCE MONTHLY REPORT FOR JANUARY 85

PAGE 1

DATE....	COMPONENT.....	FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
01-02-85	1-MTRB-030-007 5-8	CONTAINMENT AIR RETURN FAN 1B-8 DID NOT START WITHIN ALLOTTED TIME OF 10+OR-1 MINUTES	NO FAILURE	RAN FUNCTIONAL TEST 2 TIMES, FAN STARTED WITHIN ALLOTTED AMOUNT OF TIME	A296729
01-02-85	1-BATB-082	REPLACE HYDROMETER IN 1A-A DIESEL GENERATOR BATTERY	NO FAILURE	REPLACED HYDROMETER AS REQUESTED	A121925
01-03-85	2-HTCK-234	VERIFY PROPER OPERATION OF THE HEAT TRACE CIRCUIT ASSOCIATED WITH THE FEED WATER FLOW TRANSMITTERS CIRCUITS 405, 406, 407, 408, 409, 410, 411 AND 412	NO FAILURE FREEZE MR	PERFORMED WORK PER INSTRUCTIONS	A247638
01-03-85	0-TC-234-300P	TEMPERTURE CONTROLLER SET POINT IS 150 DEGREES F. RECORDER INDICATING 400 DEGREES F.	INSTRUMINATION FOUND OPEN THERMOCUPLE ON POINT #16 ON 0-TR-234-5004 TRANSFERED TO ELECTRICAL	RECORDER INDICATES 180 DEGREES CONTROLLER IN AT 195 DEGREES OUT AT 190 DEGREES CHECKED FOR CONTINUITY ON THERMOCUPLE WORKING PROPERLY AT THIS TIME	A239846
01-03-85	2-FCV-001-0011	BLUE LIGHT ON MAIN STEAM ISOLATION VALVE COMES ON WHEN VALVE IS OPEN	LIMIT SWITCH STICKING	LUBRECATED LIMIT SWITCH	A289371
01-03-85	2-MTRB-072-000 2	CONTAINMENT SPRAY HEADER "B" WILL NOT WORK	BAD MOTOR	REPLACED MOTOR	A291487
01-03-85	1-XA-055	LIFT WIRE NO 1M77 ON BREAKER #17 ON 120 VITAL INSTRUMENT POWER BOARD 1-I, LIFT WIRE NO 1M84 ON	NO FAILURE	LIFTED AND TAPED WIRES AND LEADS AS REQUESTED	A031298

06:37:34 02-06-85

ELECTRICAL MAINTENANCE MONTHLY REPORT FOR JANUARY85

PAGE 2

DATE....	COMPONENT.....	FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
		BREAKER #17 ON 120 VITAL INSTRUMENT POWER BOARD 1-II, TAPE LEADS OF EACH WIRE			
01-03-85	2-XA-55	LIFT WIRE 2M91 ON BREAKER #17 VITAL INSTRUMENT POWER BOARD 2-III, LIFT WIRE 2M98 ON BREAKER #17 VITAL INSTRUMENT POWER BOARD 2-IV, TAPE LEADS OF EACH WIRE	NO FAILURE	LIFTED AND TAPED WIRES AND LEADS AS REQUESTED	A031297
01-03-85	0-LOCL-313-061 9	DEFECTIVE PYRONTRONICS ON ZONE 2 CAUSING TROUBLE ALARM	DEFECTIVE PYRONTRONICS	REPLACED PYRONTRONICS, CLEARED TROUBLE ALARM, RAN SI 234.6	A085213
01-03-85	1-CON-302	CONDULET COVER MISSING ON CONDUIT PENETRATION MC 3555	NO FAILURE	PUT 3" CONDULET COVER ON CONDUIT PENETRATION MC 3555	A244423
01-03-85	2-FCV-001-0004	WIRES BEING SHORTED ON COMMON WHERE WIRES GOING INTO 2-FCV-1-29 AND ALSO 2-FCV-1-4	NO FAILURE	PULLED WIRE OUT, PULLED BACK IN AND RE-TERMINATED AND SEALED CONDUIT. WIRE WAS PULLED OUT BY MISTAKE. CLEANED AND LUBRICATED LIMIT SWITCHES	A237427
01-03-85	2-HS-003-0175- A	AUXILIARY FEEDWATER ISOLATION VALVE IN CONTROL ROOM WILL NOT WORK	HAND SWITCH BROKEN	REPLACED HAND SWITCH AS REQUESTED	A297439
01-03-85	2-FCV-077-0415	PULL CABLE 2V8914 FROM PANEL 0-L-2 SAB LINE	NO FAILURE	PULLED CABLE 2V8914 FROM PENETRATION #36 ANNULS TO	A299852

06:37:34 02-06-85

ELECTRICAL MAINTENANCE MONTHLY REPORT FOR JANUARY 85

PAGE 3

DATE....	COMPONENT.....	FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
		ELV.669 TO PENETRATION #36, AZIMUTH 151 DEGREES ELV 693		O-L-2 LIQUID PANEL ELV 669 SPLICED PER MRA298785 PER M&AI 7 BREECHED PENETRATION PER TI 77 AND M&AI 13	
01-03-85	0-GENB-082-002 B-8	REMOVE AND INSPECT THE ELECTRIC GOVERNOR CONNECTOR ON THE ACTUATOR OF ENGINE 2B1 AND REINSTALL BEFORE RUNNING THE MONTHLY PERFORMANCE OF SI 7 DATD IS NEEDED FOR PRO 1-84-416	NO FAILURE	INSPECTED GOVERNOR AND COMPLETED MI 6.20 AS REQUESTED	A297889
01-04-85	2-FCO-30-0295	FCO-30-295 NEEDS TO BE JUMPED OPEN SO THAT 2-31C-1782 CAN BE INSPECTED PER SI 233	NO FAILURE	PLACED JUMPER ON 641 TERMINAL 11 AND 12 AND RETURNED TO NORMAL PER MI 6.20	A120590
01-04-85	1-FCO-030-0295	FCO-30-295 NEEDS TO BE JUMPED OPEN SO THAT 1-31C-1707 CAN BE INSPECTED PER SI 233	NO FAILURE	PLACED JUMPER ON TB 641 TERMINALS 11 AND 12 AND RETURNED TO NORMAL PER MI 6.20	A120589
01-04-85	1-CHGB-250-GJ- G	BATTERY DISCHARGE OR CHARGER FAILURE ALARM IN WHEN IT SHOULD NOT BE	AMMETER RELAY 104 DEFECTIVE	REPLACED AMMETER RELAY	A301221
01-04-85	2-HTCK-234-054 P	SUPPLY LINE TO BORIC ACID BLENDER IS COLD	BLOWN FUSE ON SAFETY LINE TO BORIC ACID BLENDER	REMOVED CONTROLLER AND REPLACED FUSE CHECKED CIRCUIT FOR CONTINUITY CIRCUIT READ 35 OHMS CIRCUIT DRAWING 6 AMPS AFTER FUSE CHANGE TEMPERTURE RISING 1	A301077

06:37:34 02-06-85

ELECTRICAL MAINTENANCE MONTHLY REPORT FOR JANUARY 85

PAGE 4

DATE....	COMPONENT.....	FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
				DEGREE PER MINUTE	
01-04-85	2-HTCK-234-005 45	HEAT TRACE CIRCUIT 54S NOT OPERATING PROPERLY	BAD THERMON CONTROLLER	REPLACED THERMON CONTROLLER	A301080
01-04-85	2-BCTA-063-001 0-A	SAFETY INJECTION KRY DON RELAY WILL NOT CHANGE STATE WITH INPUT CHANGE	BAD RELAY	REPLACED KRY DON RELAY	A085220
01-09-85	2-FCV-063-0023	SAFETY INJECTION ISOLATION VALVE WILL NOT OPEN WHEN HAND SWITCH IS OPERATED	SOLENOID COIL BURNED UP DOES NOT LET SOLENOID ENERGIZE	REPLACED BAD COIL	A30'162
01-09-85	1-HS-003-0156A	SOLENOID TO VALVE MODULATOR IS REMAINING ENERGIZED WHEN IT SHOULDNIT BE	BAD CONTACTS ON SWITCH	REPLACED SWITCH WITH NEW PLUG TYPE SWITCH ADJUSTED LIMIT SWITCH	A302063
17 01-09-85	0-LOCOL-013-06 05	ZONE 317 TROUBLE LIGHT EDMITTING DIAL	TROUBLE LIGHT ON 2A-30 CARD WAS BAD	REPLACED 2A-30 CARD TROUBLE LIGHT ON 2A-30 CARD WAS BURNT OUT SYSTEMS WAS WORKING PROPERLY BUT COULD NOT GET TROUBLE INDICATION WITH TROUBLE LIGHT OUT FUNICATELY CHECKED NO TERMINATIONS MADE	A085215
01-10-85	1-RLY-030	REPLACE AGASTAT MODEL 7012PH TIMER (3 MIN. TO 30 MIN. RANGE) WITH AN AGASTAT MODEL 7012PF TIMER (1MIN. TO 10 MIN. RANGE) REFERENCE PRO 1-84-440 DOCUMENT ON TACF	NO FAILURE	REPLACED AGASTAT AS REQUESTED. VERIFIED CONTACT CLOSSES AFTER TIME DELAY OF 10 MIN 27 SEC BY JUMPING OUT THE PHASE B ISOLATION SIGNAL. NO TERMINATIONS MADE	A249344

06:37:34 02-06-85

ELECTRICAL MAINTENANCE MONTHLY REPORT FOR JANUARY 85

PAGE 5

DATE....	COMPONENT.....	FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
		NO 1-84-124-30			
01-10-85	2-RLY-030	REPLACE AGASTAT MODEL 7012PH TIMER (3 MIN. TO 30 MIN. RANGE) WITH AN AGASTAT MODEL 7012PF TIMER (1 MIN. TO 10 MIN. RANGE) REFERENCE PRO 1-84-440 DOCUMENT ON TACF NO 1-84-124-30	NO FAILURE	REPLACED AGASTAT AS REQUESTED VERIFIED CONTACT CLOSES AFTER TIME DELAY OF 10 MIN. 27 SEC. BY JUMPING OUT THE PHASE B ISOLATION SIGNAL. NO TERMINATIONS MADE	A249345
01-10-85	2-RLY-030	REPLACE AGASTAT MODEL 7012PH TIMER (3 MIN. TO 30 MIN. RANGE) WITH AN AGASTAT MODEL 7012PF TIMER (1 MIN. TO 10 MIN. RANGE) REFERENCE PRO 1-84-440 DOCUMENT ON TACF NO 1-84-124-30	NO FAILURE	REPLACED AGASTATY AS REQUESTED VERIFIED CONTACT CLOSES AFTER TIME DELAY OF 10 MIN. 27 SEC. BY JUMPING OUT THE PHASE B ISOLATION SIGNAL. NO TERMINATIONS MADE	A249343
01-10-85	2-RLY-030	REPLACE AGASTAT MODEL 7012PH TIMER (3 MIN. TO 30 MIN. RANGE) WITH AN AGASTAT MODEL 7012PF TIMER (1 MIN. TO 10 MIN. RANGE) REFERENCE PRO 1-84-440 DOCUMENT ON TACF NO 1-84-124-30	NO FAILURE	REPLACED AGASTAT AS REQUESTED VERIFIED CONTACT CLOSES AFTER TIME DELAY OF 10 MIN. 27 SEC. BY JUMPING OUT THE PHASE B ISOLATION SIGNAL. NO TERMINATIONS MADE	A249346
01-14-85	2-HS-003-0156A	HAVE CONTINUITY THROUGH OPEN CONTACTS ON LOOP #2 STEAM GENERATOR LEVEL CONTROL VALVE	CONTACTS REMAINING CLOSED ALL TIMES	REPLACED OPEN AND CLOSE SWITCH, ADJUSTED LIMIT SWITCH FOR PROPER LIGHT OPERATIONS	A289398
01-14-85	2-RLY-082-MRX2 B	DIESEL GENERATOR RELAY MRX2B HAS BROKEN COVER.	NO FAILURE	REPLACED PINS IN HINGES ON OLD COVER AND	A296556

06:37:34 02-06-85

ELECTRICAL MAINTENANCE MONTHLY REPORT FOR JANUARY 85

PAGE 6

DATE....	COMPONENT.....	FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
		PINS ARE MISSING. MUST HAVE FELL OUT WHEN COVER WAS REMOVED		REPLACED. NO NEW COVER	
01-14-85	2-FCV-003-0047	WIRES WERE LOOSE	POSSIBLE WIRES WERE LOOSE DUE TO PRE-OP TESTING OR TROUBLE SHOOTING ON PREVIOUS MRS	TIGHTENED LOOSE CONNECTIONS CHECKED FOR BURNED WIRES. HAD OPERATIONS CHECK FOR PROPER OPERATIONS AND RUN SI 166.6 ALL WIRES ON REVERSING CONTROLS WAS TIGHTEN. WIRES WERE NOT BURNED OR COLORED NO TERMINATIONS WERE MADE	A280179
01-14-85	0-HTCK-234-010 6P&S	HEAT TRACE TO BORIC ACID TANK "B" SAMPLE-VALVE 2-62-1056 WILL NOT HEAT	BAD HEAT TRACE	CIRCUIT WORKING PROPERLY AT THIS TIME WAS WORKED ON PREVIOUS MR	A284476
01-14-85	2-IGN-268	SEVERAL IGNITERS WOULD NOT IGNITE	BAD CAPACITOR	REPLACED CAPACITOR	A298412
01-17-85	0-XFD-311-0230	ONE HALF OF XFD 230 IS CLOSED AND NEEDS TO BE RE SET	BAD FUSE LINK	REPLACED FUSE LINK	A122472
01-17-85	0-XFD-313-0908	FIRE DAMPER IS IN A TRIPPED POSITION AND NEEDS TO BE RESET	BAD FUSE LINK	REPLACED FUSE LINK	A122483
01-17-85	0-XFD-311-0233	DAMPER APPEARS TO BE CLOSED	BAD FUSE LINK	REPLACED FUSE LINK	A296557
01-17-85	0-XFD-311-0216	XFD-311-216 WAS FOUND IN THE TRIPPED CONDITION AND NEEDS TO BE RESET	BAD FUSE LINK	REPLACED FUSE LINK	A122466

06:37:34 02-06-85

ELECTRICAL MAINTENANCE MONTHLY REPORT FOR JANUARY85

PAGE 7

DATE....	COMPONENT.....	FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
01-17-85	0-XFD-313-0906	THE "S" HOOKS AND AND FUSEIBLE LINK ON THE FIRE DAMPER NEED TO BE REPLACED	BAD FUSE LINK	MAINTANCE REPLACED "S" HOOKS, ELECTRICIANS REPLACED FUSE LINK	A122490
01-17-85	0-XFD-311-0224	DAMPER WAS FOUND IN TRIPPED POSITION AND NEEDS TO BE RESET	BAD FUSE LINK	REPLACED FUSE LINK	A122461
01-17-85	0-XFD-311-0233	FIRE DAMPER IS IN TRIPPED POSITION AND NEEDS TO BE RESET	BAD FUSE LINK	REPLACED FUSE LINK	A122473
01-17-85	0-XFD-311-0217	XFD-311-217 WAS FOUND IN THE TRIPPED CONDITION AND NEEDS TO BE RESET	BAD FUSE LINK	REPLACED FUSE LINK	A122471
01-17-85	2-CHR-313	MOTOR BEARINGS NOISY, MAY NEED GREASING	NO FAILURE	MOTOR BEARINGS OK READJUSTED HEAD PRESSURE	A302049
01-21-85	2-FSV-062-0074	FUSES KEEP BLOWING IN THE VALVES CIRCUIT A-8 OF THE CVCS ORFICE LET DOWN VALVE ON UNIT 2 CONTROL ROOM PAMEL 2-M-6	BAD HAND SWITCH	DID NOT HAVE HAND SWITCH IN STOCK CLEANED CONTACTS PUT OLD ONE BACK IN IN ORDER TO BRING UNIT UP REPLACED HAND SWITCH ON ANOTHER NRA249350	A049399
01-22-85	0-XFD-311-0222	BURNABLE LINK BAD WILL NOT LET SMOKE DAMPER OPEN IN MECHANICAL EQUIPMENT ROOM	BAD BURNABLE LINK	REPLACED BURNABLE LINK	A288580
01-23-85	2-MTRA-074-001 0A	2A RHR PUMP MOTOR UPPER BEARING NEEDS OIL ADDED	NO FAILURE	ADDED 8 OZ STO 2 OIL TO TOP AND 8 OZ TO BOTTOM BEARING OF 2A RHR PUMP	A300154

06:37:34 02-06-85

ELECTRICAL MAINTENANCE MONTHLY REPORT FOR JANUARY 85

PAGE 8

DATE....	COMPONENT.....	FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
				MOTOR	
01-23-85	2-HS-062-0074A -A	REGENERATOR HEAT EXCHANGER LET DOWN ISOLATION VALVE C WILL NOT WORK	DAMAGED CONTACT BLOCK	REPLACED CONTACT BLOCK ON HAND SWITCH	A249350
01-23-85	0-BCTB-032-002 5	"A" AIR COMPRESSOR WILL NOT RUN	TRIP COIL BURNT OUT	REPLACED TRIP COIL 1-8-85. MI 6.20 WAS USED FOR WIRE LIFT. NO SPLICES OR LUGS WERE MADE	A300152
01-24-85	0-XFD-311-0223	SMOKE DAMPER WILL NOT OPEN PREVENTING AIR EXCHANGE IN MECHANICAL EQUIPMENT ROOM	BURNABLE LINK BAD	REPLACED BURNABLE LINK IN DUCT	A302854
01-25-85	2-IGN-268	UNIT 2 H2 IGNITER CIRCUITS 1A AND 6B FAILED SI 305.2	BAD IGNITERS	REPLACED 6B WITH S/N692 AND 1A WITH S/N 693 REPLACED 2 IGNITERS AS REQUESTED	A121941
01-25-85	0-BATB-250-QY	CLEAN OXIDATION FROM BATTERY POSTS AS REQUIRED ON 125 VOLT D.C. VITAL BATTERY IV	NO FAILURE PREVENTIVE MAINTANCE	CLEANED AND CHECKED VITAL BATTERY IV PER MI 10.32	A297848
01-25-85	0-BATB-082-C-S	SPARE DIESEL GENERATOR BATTERY WILL NOT ADJUST BELOW 154.2 VOLTS ON EQUALIZER CHARGE	NO FAILURE	ADJUSTED CHARGER AND CALIBRATED METER. FLOAT 143.2 EQUALIZER 153.8 CSSC METER #521936 DUE 3-25-85	A242440
01-29-85	2-BKRC-099-032 0	REACTOR TRIP BREAKER "A" FAILED TO OPEN WHEN LO LO STEAM GENERATOR LEVEL	NO FAILURE	ELECTRICIANS PERFORMED MI 10.9 PERFORMED FI 19 & SI 227.1 DROP OUT VOLTAGE	A300157

06:37:34 02-06-85

ELECTRICAL MAINTENANCE MONTHLY REPORT FOR JANUARY85

PAGE 9

DATE.... COMPONENT..... FAILURE DESCRIPTION..... CAUSE OF FAILURE..... CORRECTIVE ACTION..... NR.NO..

TRIP SIGNAL WAS
INITIATED. WOULD TRIP
WHEN OPERATED FROM HAND
SWITCH RT-1

CHECKED DROPPED OUT
APPROX 19 VOLTS.

51 records listed.

SUMMARY OF WORK COMPLETED
ELECTRICAL MODIFICATIONS SECTION
JANUARY 1985

DCR 1739 - VAACS

Panel wiring continued during this period.

ECN 5194 - Iodine Monitors

Work remaining consists of installation of door locks and new door frames. Security wiring is in hold until another ECN is executed.

ECN 5198 - Technical Support Center

Changes to the annunciator system are in process.

ECN 5202 - Fifth Diesel Generator

Cable pulls and splices are in process.

ECN 5712 - Evacuation Alarms

Major cable pulls in the auxiliary building are in process.

ECN 6018 - Installation of Space Heaters, Auxiliary Feedwater Pump Motors

Unit 1 conduit is being installed.

ECN 6055 - Fourth Wide-Range Pressure Transmitter

All nonoutage work is complete.

Appendix R

Work continues on the first five interactions. An implementation schedule has been developed.

Instrument Maintenance Monthly Report

January 1985

Unit 1

1. Pressurizer level channels L-68-320, -335, and -339 have been operating within the five percent channel deviation as required. All channels have been in service all month.
2. During the monthly calibration of the UHI level switches all switches were found within technical specification tolerance.
3. Supported CDWE cleanup and replacement of the density element due to solidification.
4. The P-250 process computer was declared inoperable twenty times during the month. The computer was restarted and returned to service without appreciable down time. The P-250 will be removed from service and cleaned during the next unit outage of sufficient duration.
5. NCR SQN-NEB 8407 was issued on 12/6/84 to report possible mislocation of Class 1E equipment. Radiation detectors RE-90-275 and -276 were specified in the instrument tabs as monitoring the reactor coolant drain tank discharge lines and RE-90-277 and -278 were specified as monitoring the reactor building sump discharge lines. Visual inspection and testing on 11/20/84 revealed that the monitoring detectors were functionally reversed. The problem was corrected by TACF 1-84-123-90 on 12/7/84. FCR 3110 was written to revise the drawings.

Unit 2

1. During the monthly calibration of the UHI level switches all switches were found within technical specification tolerances.
2. NCR SQN-NEB 8407 was issued on 12/6/84 to report possible mislocation of Class 1E equipment. Radiation detectors RE-90-275 and -276 were specified in the instrument tabs as monitoring the reactor coolant drain tank discharge lines and RE-90-277 and -278 were specified as monitoring the reactor building sump discharge lines. Visual inspection and testing on 11/20/84 revealed that the monitoring detectors were functionally reversed. The problem was corrected by TACF 2-84-122-90 on 12/7/84. FCR 3110 was written to revise the drawings.
3. During startup from the outage 6 RPI connectors failed. Causes were determined to be open wires in the connectors and water in the connectors. Seven rod control connectors also failed due to wiring problems at the connectors.
4. Other work is shown on the attached list.

MR. COMP	U	FUNC	SYS	ADDRESS	DATE	DESCRIPTION	CORRECTIVE ACTION
A085230	2	FT	063	173A	01/21/85	2-FT-063-173A, LOW INPUT TO COMPUTER CAUSING OUT OF RANGE LOW READING	CONSTANT HEAD ON THE HIGH SIDE OF THE FLOW TRANSMITTER HAD LEAKED DOWN. RECALIB. FLOW TRANSMITTER AND REFILLED LEG ON HI SIDE OF TRANSMITTER.
A285298	0		077	5007	01/11/85	0--077-5007, RECONNECT DENSITY CELL ELECT. WIRES AFTER MECH. SECTION INSTALLS IN LINE	DENSITY CELL WENT BAD. REPLACED, RECALLED AND FUNCTIONALLY
A286994	2	XM	092	5006K	01/10/85	2-XM-092-5006K, MODULE OUTPUT IS ZERO AND HAS LOOSE PIN ON CONNECTOR.	BAD IC'S AND BAD PEN ON MODULE. REPLACED BAD PEN ON MODULE AND A-10-A-11-A-12-IC'S
A286996	2	TIS	074	19	01/21/85	2-TIS-074-19, ALARM IS IN AND OUT WITH NO CHANGE IN TEMP	BAD TEMP SW. REPLACED AND RECAL SW.
A298075	2	FT	003	35A	01/22/85	2-FT-003-35A, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A298076	2	FT	003	35B	01/22/85	2-FT-003-35B, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP. OUTSIDE.
A298077	2	FT	003	48A	01/22/85	2-FT-003-48A, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A298078	2	FT	003	48B	01/22/85	2-FT-003-48B, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A298079	2	FT	003	90A	01/22/85	2-FT-003-90A, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A298080	2	FT	003	90B	01/22/85	2-FT-003-90B, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A298081	2	FT	003	103A	01/22/85	2-FT-003-103A, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A298082	2	FT	003	103B	01/22/85	2-FT-003-103B, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A298461	2		099	TR-A	01/14/85	2--099-TR-A, REMOVE SEMI-AUTOMATIC TESTER BOARD AND REPLACE SEMI-AUTOMATIC	THE SEMI-AUTOMATIC TESTER CARD HAD A PREMATURE INTEGRATED CIRCUIT CHIP FAILURE. REPLACED THE SEMI-AUTOMATIC TESTER CARD.
A299566	1	FT	003	103A	01/22/85	1-FT-003-103A, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A299567	1	FT	003	35B	01/22/85	1-FT-003-35B, PERIODICALLY BLOWDOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A299568	1	FT	003	103B	01/22/85	1-FT-003-103B, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP. OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A299569	1	FT	003	90B	01/22/85	1-FT-003-90B, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP. OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A299570	1	FT	003	48B	01/22/85	1-FT-003-48B, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING

COMP

MR.COMP	U	FUNC	SYS	ADDRESS.	DATE....	DESCRIPTION.....	CORRECTIVE ACTION.....
A300102	2	LCV	003	148	01/14/85	2-LCV-003-148, LCV WILL NOT CLOSE COMPLETELY	MILLIVOLT TO CURRENT BOARD ON THE STEAM GEN. #3 LVL MODIFIER HAD A BAD CAPACITOR. REPLACED THE CAPACITOR ON THE MODIFIER AND VERIFIED PROPER OPERATION WTR IN SENSE LINES. BLED WTR OUT OF SENSE LINES
A300194	2	FI	003	103A	01/20/85	2-FI-003-103A, INDICATOR FAILED HI - REPAIR	THE TEMP. MODIFIER WAS OUT OF CALIB. HIGH. RECALIB. THE TEMP. MODIFIER
A300197	0	TI	068	318	01/25/85	0-TI-068-318, TEMP INDICATOR IS READING 680 DEG F. WHICH IS 20DEG > PRZ TEMP AS INDICATED BY 2-TI-68-319	
A300245	2		085		01/11/85	2-085-, ROD D4 THE P250 COMPUTER IS PRINTING OUT D4 ROD POSITION DEVIATED 12 STEPS FROM BANK	VOLTAGE LOW ON D4 SUPPLY. ADJUSTED VOLTAGE ON D4 SUPPLY
A300312	2	LI	068	339	01/14/85	2-LI-068-339, LVL INDICATOR HAS 6% DEVIATION. INSPECT/REPAIR	REACTOR COOLANT SYSTEM LEVEL TRANSMITTER WAS OUT OF CALIB. RECALIB. THE LVL TRANSMITTER TO THE VLVS SPECIFIED ON TEMPORARY CHANGE #85-0041, BACKFILLED, AND RETURNED TO SERVICE.
A300806	2		099	SPARE	01/15/85	2-099-SPARE, DETERMINE BAD COMPONENTS AND REPAIR	A BAD TRANSISTOR ON THE UNDER VOLTAGE BOARD WENT BAD. REPAIRED THE UNDER VOLTAGE BOARD BY REPLACING A BAD TRANSISTOR.
A302092	1	FT	003	48A	01/22/85	1-FT-003-48A, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FROM FREEZING	LOW TEMP. OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A302093	1	FT	003	90A	01/22/85	1-FT-003-90A, PERIODICALLY BLOW DOWN SENSING LINES TO PREVENT FREEZING	LOW TEMP OUTSIDE. BLEW DOWN SENSE LINES PERIODICALLY TO PREVENT FREEZING
A302690	2	LI	068	339A	01/14/85	2-LI-068-339A, *I* VERIFY PROPER CALIB. OF LI-68-339A	NONE. NONE-CAL. TRANSMITTER TO LOW END OF SCALE
A302715	1	LI	063	51	01/22/85	1-LI-063-51, HIGH LVL INDICATED. SUSPECT FROZE LINE	LOW TEMP. OUTSIDE. BLEW DOWN SENSE LINES ALSO XFERRED TO ELEC TO REPAIR HEAT TRACE
A529251	1	PDI	030	133	01/25/85	1-PDI-030-133, *I* DP PRESS. IS READING 0	TRANSMITTERS OUT OF CAL. RECAL. TRANSMITTERS

29 records listed.

MR.	COMP	U	FUNC	SYS	ADDRESS.	DATE....	DESCRIPTION.....	CORRECTIVE ACTION.....
A251246	0	PDIS	030	149		01/02/85	0-PDIS-030-149, 0-PDIS-30-149 IS READING -0.38" H2O DURING AN 'A' TRAIN ABI SIGNAL	BAD CONTROLLER. REPLACED CONTROLLER
A297299	2	FCV	062	139		01/05/85	2-FCV-062-139, VLV. SWINGS FLOW SO BAD IT STOPS THE AUTO MAKE UP. INVESTIGATE	CONTROLLER OUT OF ADJUSTMENT. FINE TUNED CONTROLLER
A300213	2	HIC	062	81A		01/09/85	2-HIC-062-81A, *I* CONTROLLER IS ERRATIC CAUSING FLOW AND PRESS. TO SWING	NONE. NONE, PROCESS IS SWINGING OR FLUCTUATING, NO INST. PROBLEM FOUND.
A302708	0	PCV	077	116		01/05/85	0-PCV-077-116, VLV. WILL NOT CONTROL PRESS.	CONTROLLER OUT OF ADJUSTMENT. READJUST CONTROLLER

4 records listed.

Mechanical Maintenance Section

January 1985

Unit 0

1. Cleared blockage in the CDWE heater and the 16" line from the heater to the vapor body.
2. Furmanited various secondary side leaks on both units, especially the eroded extraction and operating vent lines going to the condenser.
3. Replaced the broken crankshaft in the "B" Auxiliary Air Compression.
4. Supported freeze protecton and thawing of the feedwater sense lines.
5. Repaired the traveling water screens that were frozen causing low CCW flow.
6. Repaired fire stops and penetrations found during the performance of SI-233.
7. Inspected the Diesel Generator Buildings.

Unit 1

1. Plugged a leaking tube in 1B2 condenser waterbox.

Unit 2

1. Repaired the #3 Heater drain tank level control valves, 2-LCV-6-106A and 2-LCV-6-106B.
2. Repaired broken hangers on the Unit 2 steam generator blowdown lines in the Turbine Building.
3. Repaired leaks on the Unit 2 hydrogen side seal oil heat exchanger.

Common

1. The diesel generators were inspected per SI-106.

Mechanical Modification Section

January 1985

ECN 2768 - REVLIS

PMTs were completed with no problems. Work documentation was completed. Work began on the preparation of work for the "improvements" for unit 1. This includes modifying the seal table tie-in and the unit 1 vessel head attachment.

ECN 5773, 6196, 5856 Pressurizer Work

Due to leakage during start-up, the loop-seal drain valves were closed. An additional hanger was modified.

ECN 2780 5200 - PASF

PMTs were completed. Painting is underway. Workplans were prepared for several discrepancies for unit 1.

ECN 5842 - Cavitating Venturi

PMTs were completed. Some additional hanger work is anticipated.

ECN 5938 - FW Heater Replacement

Work was started on the relocation of ductwork, building structural modifications, the piping modifications, and the modification of the Hartsville Heater Nozzles.

ECN 6362

Additional supports for the ERCW to the diesel generators were installed.

ECN 6302

Additional support was provided to Auxiliary Building block wall to qualify the wall for a seismic event.

ECN 6289

Work was started to replace the concrete blow-out panels for the valve rooms. Two plugs were poured but not installed. Approximately 14 panels are to be replaced.

"Appendix R" - Initial walkdowns of the sprinkler location was completed. Schedules were developed for implementation. EN DES in working on the preparation of ECNs and purchasing materials. Field work is scheduled to begin on these items April 1, 1985. Additional walkdowns are scheduled to start on January 7, 1985.

SUMMARY OF WORK COMPLETED

MECHANICAL MODIFICATIONS SECTION

JANUARY 1985

2780 - PASF

5200 - Painting and drainage work continues.

5938 - Feedwater Heater Replacement

The duct that has been rerouted between the unit 1 and unit 2 turbines. Three of the unit 1 and unit 2 turbines. Three of the six #4 heaters have had their nozzles replaced (x-raying is still required). Piping reroutes work has begun in both the shop and field. Lube oil and instrumentation reroutes were completed. the installation of the monorail continues.

Appendix R

The walkdown of the control building fire protection was completed. Work estimates and planning activities continues. The first mechanical ECN's are anticipated in February.

5878 CDWE Modifications

5990 Pre-outage work continues.

5373 - Con-Demin Air Compressor

Work continued on the raw cooling water air tie-ins.

NUREG 0588

5895 - All 11 non-outage solenoids have been replaced. Seventeen outage required solenoids will be replaced during the ice weighing outage in April.

6328 - Two additional solenoids were replaced.

6200 - Relocation of the Main Steam Pressure Transmitter

All non-outage work was completed. The remaning work will be completed during the outage in April.

6231 - Pipe reroutes

The workplan is being prepared to reroute the piping to allow for the installation of the new motor operators.

TENNESSEE VALLEY AUTHORITY
Sequoyah Nuclear Plant
P. O. Box 2000
Soddy-Daisy, Tennessee 37379

February 15, 1985

Nuclear Regulatory Commission
Office of Management Information
and Program Control
Washington, DC 20555

Gentlemen:

SEQUOYAH NUCLEAR PLANT - MONTHLY OPERATING REPORT - JANUARY 1985

Enclosed is the January 1985 Monthly Operating Report to the NRC for Sequoyah Nuclear Plant.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

P. R. Wallace
P. R. Wallace
Plant Manager

Enclosure

cc (Enclosure):

Director, Region II
Nuclear Regulatory Commission
Office of Inspection and Enforcement
101 Marietta Street
Suite 3100
Atlanta, GA 30323 (1 copy)

Director, Office of Inspection
and Enforcement
Nuclear Regulatory Commission
Washington, DC 20555 (10 copies)

Mr. A. Rubio, Director
Electric Power Research Institute
P. O. Box 10412
Palo Alto, CA 94304 (1 copy)

Mr. R. C. Goodspeed
MNC 461
Westinghouse Electric Corporation
P. O. Box 355
Pittsburgh, PA 15230 (1 copy)

Director, Office of Management
Information and Program Control
Nuclear Regulatory Commission
Washington, DC 20555 (2 copies)

INPO Records Center
Suite 1500
1100 Circle 75 Parkway
Atlanta, GA 30339 (1 copy)

IE24
11