

TENNESSEE VALLEY AUTHORITY

DIVISION OF NUCLEAR POWER

SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT

TO THE

NUCLEAR REGULATORY COMMISSION

March 1, 1985 - March 31, 1985

UNIT 1

DOCKET NUMBER 50-327

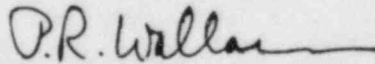
LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

Submitted by:



P. R. Wallace, Plant Manager

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Operations Summary

March 1985

The following summary describes the significant operational activities for the month of March. 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 878,860 MWH (gross), resulting in an average hourly gross load of 1,181,263 kW during the month. There are 86.3 full power days estimated remaining until the end of cycle 3 fuel. The capacity factor for the month was 99.9 percent. The cycle 3 refueling outage is scheduled to start on September 6, 1985.

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

Unit 2

Unit 2 was critical for 744.0 hours, produced 872,320 MWH (gross), resulting in an average hourly gross load of 1,172,473 kW during the month. There are 281.4 full power days estimated remaining until the end of cycle 3 fuel. The capacity factor for the month was 99.1 percent. With a capacity factor of 85 percent, the target EOC exposure would be reached February 26, 1986.

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

Significant Operational Events

Unit 1

<u>Date</u>	<u>Time</u>	<u>Event</u>
03/01/85	0001	The reactor was in mode 1 at 100% power producing 1190 MWE.
03/31/85	2359	The reactor was in mode 1 at 100% power producing 1180 MWE. The unit has been in continuous operation since September 28, 1984 (184 days). The units 878,860 MWE (gross) and 99.9% capacity factor is a record for the unit.

Unit 2

03/01/85	0001	The reactor was in mode 1 at 100% power producing 1190 MWE.
03/31/85	2359	The reactor was in mode 1 at 100% power producing 1180 MWE. The unit has been in continuous operation since February 17, 1985 (42 days).

Significant Operational Events

(Continued)

Spent Fuel Pit Storage Capabilities

Sequoyah has the capabilities to store 1,386 spent fuel assemblies. Two-hundred-seventy-six assemblies are presently stored in the SFP with the capacity to store an additional 1,110 assemblies.

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 March 1985 to the Nuclear Regulatory Commission.

<u>LER</u>	<u>DESCRIPTION OF EVENT</u>
1-85011	On seven separate occasions, an hourly fire watch was not performed within one hour. All events occurred while both units were in mode 1 at 100% power.

The events were:

Time (CST)	Date	Location/Cause
2200	February 6, 1985	ERCW Pumping Station. Keycard control for door PS-4 would not function.
0400	February 8, 1985	ERCW Pumping Station. Keycard control for door PS-6 was frozen.
0215	February 12, 1985	ERCW Pumping station. Door PS-5 was frozen shut.
1016	February 12, 1985	ERCW pumping station. A new power block security gate blew shut and locked.
1200	February 13, 1985	ERCW pumping station. Door PS-5 was jammed and could not be opened.
0832	February 15, 1985	Auxiliary Building. Door A183 would not open due to a bad relay and cardreader.
1427	February 28, 1985	TSC. The access door to the TSC will be a keycard door under powerblock. After power supply switching, the computer was reprogrammed but control of this door was not defeated as required.

Licensee Events and Special Reports (Continued)

2-85004

At 1511C on February 15, 1985 with unit 2 in mode 1 at 100% power, power was lost to protection set I instrumentation. This caused a reduction in feedwater flow to all steam generators and loops one and three feedwater regulator valves to fail closed. The reactor tripped on a lo-lo steam generator level in loop one. The event was primarily caused by personnel error in that the ASE failed to clearly understand the procedure for removing an inverter from service before proceeding.

At 0243C on February 17, 1985, a second reactor trip occurred due to lo-lo level in steam generator two. While reducing power because of an EHC fluid leak, the main feed pump tripped because of low seal injection pressure due to condensate feedwater flow fluctuations.

2-85005

With unit 2 in mode 1 at 100% power at 0118C on February 12, 1985, during a routine inspection of containment, loose equipment and miscellaneous debris was found in the upper compartment.

Special Reports

There were no special reports transmitted during the month.

Diesel Generator Failure Report

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

Offsite Dose Calculation Manual Changes

No changes were made to the Sequoyah Offsite Dose Calculation Manual during the month.

OPERATING DATA REPORT

DOCKET NO. 50-327
DATE APRIL 4 1985
COMPLETED BY M. G. EDDINGS
TELEPHONE (615) 870-6421

OPERATING STATUS

1. UNIT NAME: SEQUOYAH NUCLEAR PLANT, UNIT 1
2. REPORT PERIOD: MARCH 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: _____

NOTES:

	THIS MONTH	YR.-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	32881.00
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.00	2160.00	22807.66
13. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
14. HOURS GENERATOR ON-LINE	744.00	2160.00	22268.95
15. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	2534247.48	7326950.80	72004636.75
17. GROSS ELECTRICAL ENERGY GEN. (MWH)	878860.00	2532480.00	24268896.00
18. NET ELECTRICAL ENERGY GENERATED (MWH)	846576.00	2440988.00	23322618.00
19. UNIT SERVICE FACTOR	100.00	100.00	67.73
20. UNIT AVAILABILITY FACTOR	100.00	100.00	67.73
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.12	98.44	61.79
22. UNIT CAPACITY FACTOR (USING DER NET)	99.12	98.44	61.79
23. UNIT FORCED OUTAGE RATE	0.00	0.00	16.86
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Ice Weighing - April 26, 1985 - 20 days			
Cycle 3 Refueling/Modification - September 6, 1985 - 51 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.

OPERATING DATA REPORT

DOCKET NO. 50-328
DATE APRIL 5 1985
COMPLETED BY D.C.DUPREE
TELEPHONE (615)870-6248

OPERATING STATUS

1. UNIT NAME: SEQUOYAH NUCLEAR PLANT, UNIT 2
2. REPORT PERIOD: MARCH 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: _____

NOTES:

	THIS MONTH	YR.-TO-DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	24841.00
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.00	2117.70	18812.82
13. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
14. HOURS GENERATOR ON-LINE	744.00	2085.92	18356.10
15. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	2532200.88	6603664.47	58602675.34
17. GROSS ELECTRICAL ENERGY GEN. (MWH)	872320.00	2274420.00	19966100.00
18. NET ELECTRICAL ENERGY GENERATED (MWH)	842202.00	2189911.00	19210919.60
19. UNIT SERVICE FACTOR	100.00	96.57	73.89
20. UNIT AVAILABILITY FACTOR	100.00	96.57	73.89
21. UNIT CAPACITY FACTOR (USING MDC NET)	98.61	88.31	67.37
22. UNIT CAPACITY FACTOR (USING DER NET)	98.61	88.31	67.37
23. UNIT FORCED OUTAGE RATE	0.00	3.15	8.00
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.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-327

UNIT NAME One

DATE March 1985

COMPLETED BY M. G. Eddings

TELEPHONE (615) 870-6421

REPORT MONTH March 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
						None			

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)

(9/77)

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-328
UNIT NAME Sequoyah Two
DATE April 5, 1985
COMPLETED BY D. C. Dupree
TELEPHONE (615) 870-6248

REPORT MONTH MARCH 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
						None			

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

(9/77)

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Appendix A
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Rev. 24

ATTACHMENT 1
AVERAGE DAILY UNIT POWER LEVEL

FILE PACKAGE NO. 55
REPORT REQUIREMENTS

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

MONTH		MARCH	
Day	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1151	17	1147
2	1151	18	1143
3	1150	19	1145
4	1152	20	1145
5	1148	21	1142
6	1150	22	1142
7	1150	23	1140
8	1150	24	1138
9	1150	25	1138
10	1148	26	1140
11	1148	27	1140
12	1148	28	1140
13	1147	29	1137
14	1146	30	1136
15	1145	31	1142
16	1144		

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.

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Rev. 24

ATTACHMENT 1
AVERAGE DAILY UNIT POWER LEVEL

FILE PACKAGE NO. 55
REPORT REQUIREMENTS

DOCKET NO. 50-328
UNIT 2
DATE April 5, 1985
COMPLETED BY D. C. Dupree
TELEPHONE (615) 870-6248

MONTH MARCH

Day	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1143</u>	17	<u>1136</u>
2	<u>1141</u>	18	<u>1133</u>
3	<u>1140</u>	19	<u>1130</u>
4	<u>1142</u>	20	<u>1130</u>
5	<u>1141</u>	21	<u>1130</u>
6	<u>1137</u>	22	<u>1131</u>
7	<u>1131</u>	23	<u>1132</u>
8	<u>1132</u>	24	<u>1134</u>
9	<u>1136</u>	25	<u>1134</u>
10	<u>1131</u>	26	<u>1130</u>
11	<u>1137</u>	27	<u>1127</u>
12	<u>1138</u>	28	<u>1132</u>
13	<u>1138</u>	29	<u>1129</u>
14	<u>1138</u>	30	<u>1129</u>
15	<u>1136</u>	31	<u>1128</u>
16	<u>1137</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.

NUCLEAR PLANT OPERATING STATISTICS

SEQUOYAH NUCLEAR Plant

Period Hours 744

Month MARCH 19 85

	Item No.	Unit No.	Unit One	Unit Two	Plant
Generation	1	Average Hourly Gross Load, kW	1,181,263	1,172,473	1,176,868
	2	Maximum Hour Net Generation, MWh	1,164	1,148	2,312
	3	Core Thermal Energy Gen, GWD (t) ²	105.5936	105.5084	211.1020
	4	Steam Gen. Thermal Energy Gen., GWD (t) ²	105.9634	105.9003	211.8637
	5	Gross Electrical Gen., MWh	878,860	872,320	1,751,180
	6	Station Use, MWh	32,284	30,118	62,402
	7	Net Electrical Gen., MWh	846,576	842,202	1,688,778
	8	Station Use, Percent	3.67	3.45	3.56
	9	Accum. Core Avg. Exposure, MWD/Ton ¹	10,883	3,160	14,043
	10	CTEG This Month, 10 ⁶ BTU	8,649,387	8,642,402	17,291,789
	11	SGTEG This Month, 10 ⁶ BTU	8,679,673	8,674,505	17,354,178
	12				
Factors & Use	13	Hours Reactor Was Critical	744.0	744.0	1,488.0
	14	Unit Use, Hours-Min.	744:0	744:0	1,488:0
	15	Capacity Factor, Percent	99.9	99.1	99.5
	16	Turbine Avail. Factor, Percent	100.0	100.0	100.0
	17	Generator Avail. Factor, Percent	100.0	100.0	100.0
	18	Turbogen. Avail. Factor, Percent	100.0	100.0	100.0
	19	Reactor Avail. Factor, Percent	100.0	100.0	100.0
	20	Unit Avail. Factor, Percent	100.0	100.0	100.0
	21	Turbine Startups	0	0	0
	22	Reactor Cold Startups	0	0	0
	23	Unit Service Hours			744.0
Efficiency	24	Gross Heat Rate, Btu/kWh	9,840	9,910	9,875
	25	Net Heat Rate, Btu/kWh	10,220	10,260	10,240
	26	Gross Heat Rate (w/o oil) BTU/KWH			9,870
	27	Net Heat Rate (w/o oil) BTU/KWH			10,240
Temp & Press	28	Throttle Pressure, psig	855.6	869.7	862.7
	29	Throttle Temperature, °F	526.1	527.9	527.0
	30	Exhaust Pressure, InHg Abs.	2.2	1.9	2.1
	31	Intake Water Temp., °F	50.3	51.1	50.7
	32				
Flows	33	Main Feedwater, M lb/hr	15.0	15.3	15.2
	34				
	35				
	36				
Misc.	37	Full Power Capacity, EFPD	370.00	363.65	733.65
	38	Accum. Cycle Full Power Days, EFPD	283.6870	82.2710	365.9580
	39	Oil Fired for Generation, Gallons			1,716
	40	Oil Heating Value, Btu/Gal.			138,000
	41	Diesel Generation, MWh			26
	42				
Station Data		Max. Hour Net Gen.	Max. Day Net Gen.	Load Factor, %	
		MWh Time Date	MWh Date		
	43	2,304 1,900 03/04/85	55,056 03/01/85	98.4	
Remarks: ¹ For BFNP this value is MWD/STU and for SQNP and WBNP this value is MWD/MTU.					
² (t) indicates Thermal Energy.					

Date Submitted

Date Revised

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P.R. Waller

Plant Superintendent

UNIT OUTAGE AND AVAILABILITY

SEQUOYAH Nuclear Plant

Licensed Reactor Power 3411 MW(th)

Generator Rating 1220.5MW(e)

Design Gross Electrical Rating 1183 MW

Unit No. ONE

Month/Year MARCH/1985

Period Hours 744

Day	Time Unit Available						Time Not Available												OUTAGE CAUSE	METHOD OF SHUTTING DOWN REACTOR	UNIT STATUS DURING OUTAGE	CORRECTIVE ACTION TAKEN TO PREVENT REPETITION
	Total			Gen.			Not Used		Turbine		Gen.		Reactor		Unit							
	Hrs	Min		Hrs	Min		Hrs	Min	Hrs	Min	Hrs	Min	Hrs	Min	Hrs	Min						
1	24	00		24	00				00	00	00	00	00	00	00	00						
2	24	00		24	00				00	00	00	00	00	00	00	00	00					
3	24	00		24	00				00	00	00	00	00	00	00	00	00					
4	24	00		24	00				00	00	00	00	00	00	00	00	00					
5	24	00		24	00				00	00	00	00	00	00	00	00	00					
6	24	00		24	00				00	00	00	00	00	00	00	00	00					
7	24	00		24	00				00	00	00	00	00	00	00	00	00					
8	24	00		24	00				00	00	00	00	00	00	00	00	00					
9	24	00		24	00				00	00	00	00	00	00	00	00	00					
10	24	00		24	00				00	00	00	00	00	00	00	00	00					
11	24	00		24	00				00	00	00	00	00	00	00	00	00					
12	24	00		24	00				00	00	00	00	00	00	00	00	00					
13	24	00		24	00				00	00	00	00	00	00	00	00	00					
14	24	00		24	00				00	00	00	00	00	00	00	00	00					
15	24	00		24	00				00	00	00	00	00	00	00	00	00					
16	24	00		24	00				00	00	00	00	00	00	00	00	00					
17	24	00		24	00				00	00	00	00	00	00	00	00	00					
18	24	00		24	00				00	00	00	00	00	00	00	00	00					
19	24	00		24	00				00	00	00	00	00	00	00	00	00					
20	24	00		24	00				00	00	00	00	00	00	00	00	00					
21	24	00		24	00				00	00	00	00	00	00	00	00	00					
22	24	00		24	00				00	00	00	00	00	00	00	00	00					
23	24	00		24	00				00	00	00	00	00	00	00	00	00					
24	24	00		24	00				00	00	00	00	00	00	00	00	00					
25	24	00		24	00				00	00	00	00	00	00	00	00	00					
26	24	00		24	00				00	00	00	00	00	00	00	00	00					
27	24	00		24	00				00	00	00	00	00	00	00	00	00					
28	24	00		24	00				00	00	00	00	00	00	00	00	00					
29	24	00		24	00				00	00	00	00	00	00	00	00	00					
30	24	00		24	00				00	00	00	00	00	00	00	00	00					
31	24	00		24	00				00	00	00	00	00	00	00	00	00					
Total	744	00		744	00				00	00	00	00	00	00	00	00	00					

UNIT OUTAGE AND AVAILABILITY

SEQUOYAH Nuclear Plant

Licensed Reactor Power 3411 MW(th)

Generator Rating 1220.5 MW(e)

Design Gross Electrical Rating 1183 MW

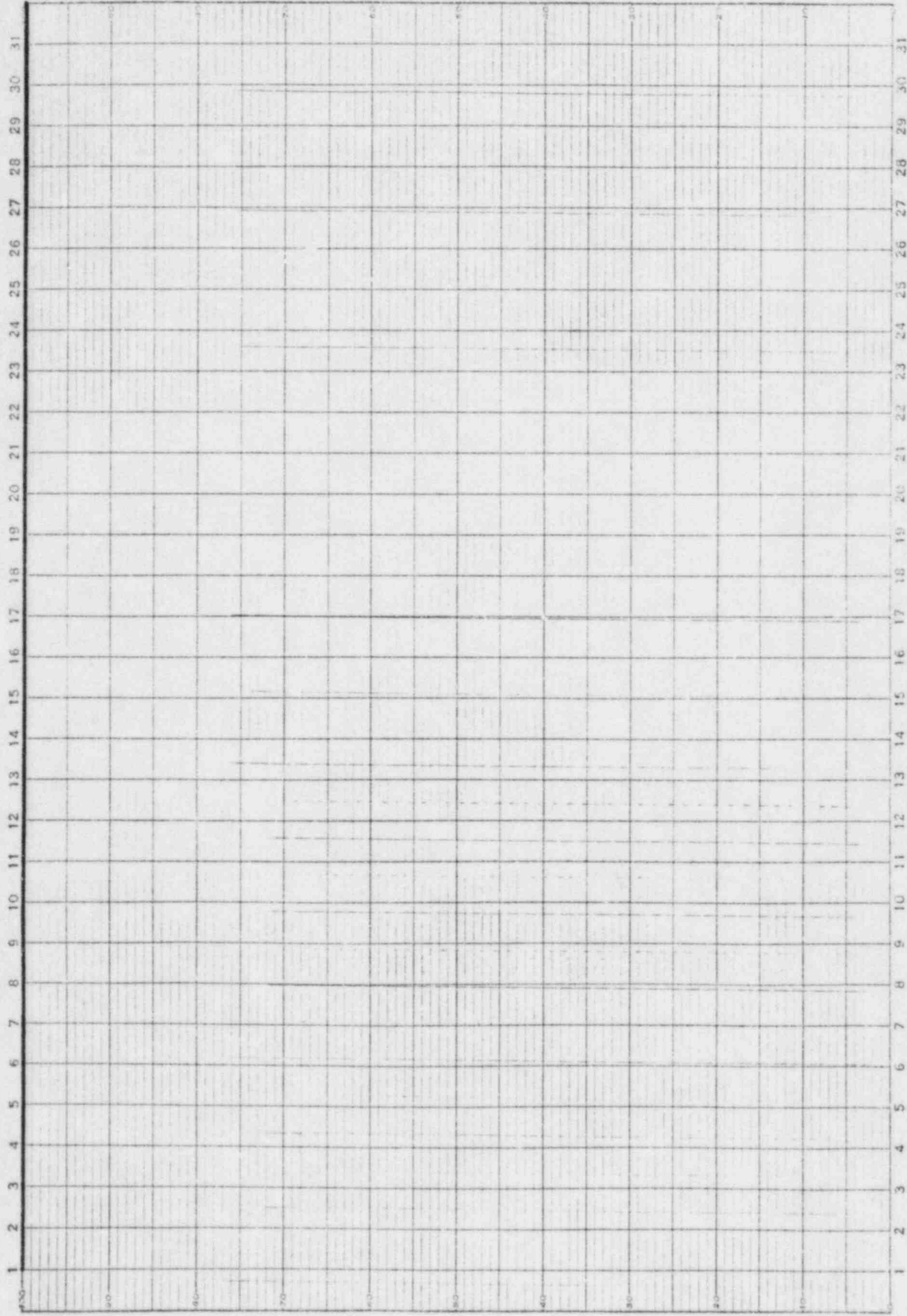
Month/Year MARCH/1985

Period Hours 744

Unit No. TWO

Time Unit Available														Time Not Available								Unit				OUTAGE CAUSE	METHOD OF SHUTTING DOWN REACTOR	UNIT STATUS DURING OUTAGE	CORRECTIVE ACTION TAKEN TO PREVENT REPETITION
Day	Total			Gen.			Not Used			Turbine			Gen.			Reactor			Unit										
	Hrs	Min		Hrs	Min		Hrs	Min		Hrs	Min		Hrs	Min		Hrs	Min		Hrs	Min		Hrs	Min						
1	24	00		24	00					00	00		00	00		00	00		00	00									
2	24	00		24	00					00	00		00	00		00	00		00	00									
3	24	00		24	00					00	00		00	00		00	00		00	00									
4	24	00		24	00					00	00		00	00		00	00		00	00									
5	24	00		24	00					00	00		00	00		00	00		00	00									
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8	24	00		24	00					00	00		00	00		00	00		00	00									
9	24	00		24	00					00	00		00	00		00	00		00	00									
10	24	00		24	00					00	00		00	00		00	00		00	00									
11	24	00		24	00					00	00		00	00		00	00		00	00									
12	24	00		24	00					00	00		00	00		00	00		00	00									
13	24	00		24	00					00	00		00	00		00	00		00	00									
14	24	00		24	00					00	00		00	00		00	00		00	00									
15	24	00		24	00					00	00		00	00		00	00		00	00									
16	24	00		24	00					00	00		00	00		00	00		00	00									
17	24	00		24	00					00	00		00	00		00	00		00	00									
18	24	00		24	00					00	00		00	00		00	00		00	00									
19	24	00		24	00					00	00		00	00		00	00		00	00									
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27	24	00		24	00					00	00		00	00		00	00		00	00									
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Total	744	00		744	00					00	00		00	00		00	00		00	00									

SEQUOYAH NUCLEAR PLANT
UNIT ONE
REACTOR HISTOGRAM



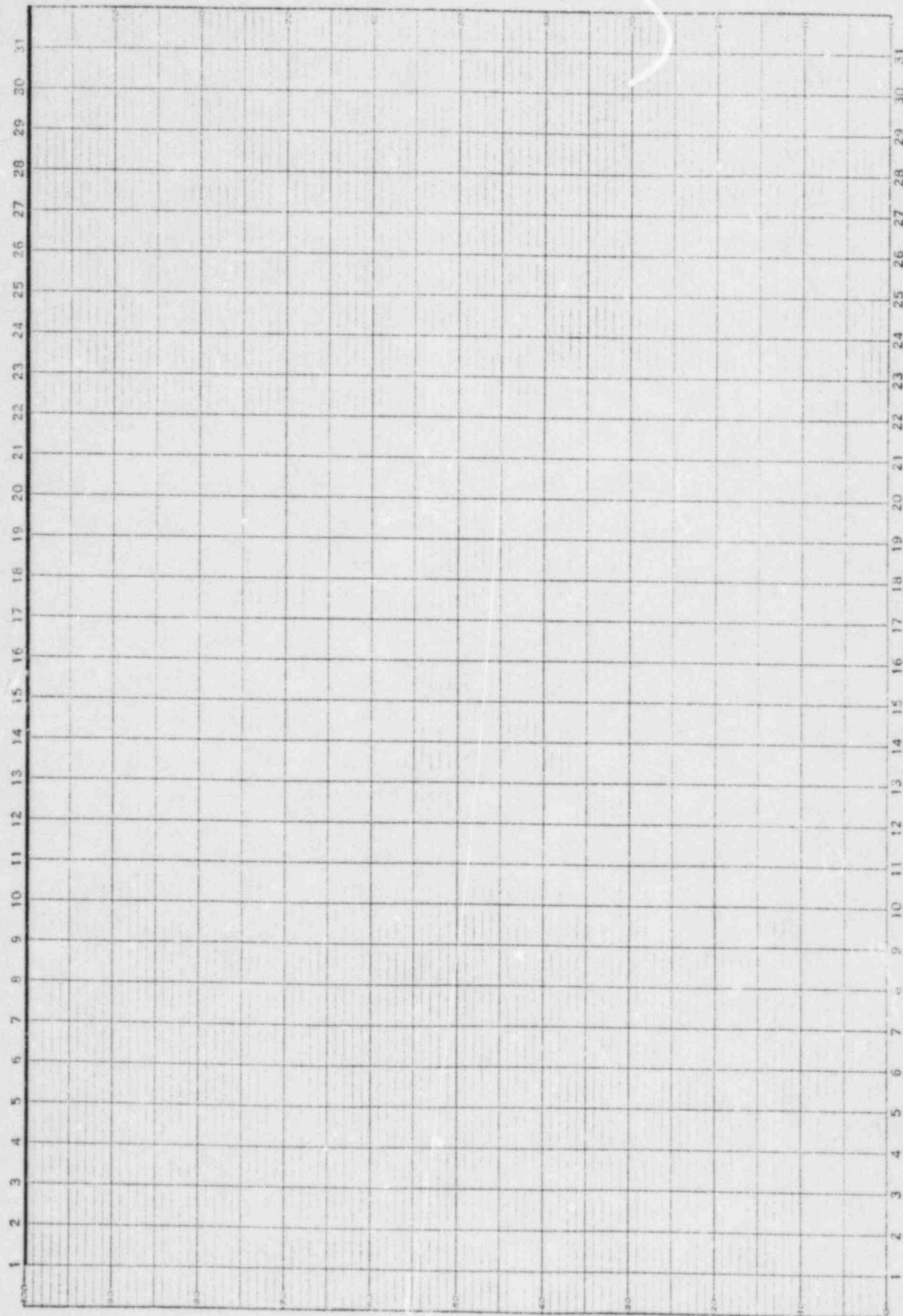
MONTH OF MARCH 19 85

SEQUOYAH NUCLEAR PLANT
UNIT ONE
REACTOR HISTOGRAM
MARCH 1985

COMMENTS

The reactor maintained 100 percent power the entire month.

SEQUOYAH NUCLEAR PLANT
UNIT TWO
REACTOR HISTOGRAM



MONTH OF MARCH 19 85
15

SEQUOYAH NUCLEAR PLANT
UNIT TWO
REACTOR HISTOGRAM
MARCH 1985

COMMENTS

The reactor maintained 100 percent power the entire month.

MAINTENANCE SUMMARY

Construction Activities

March 1985

ECN L5503, 5111 -Office and Power Stores Facility.

Elev. 710 was transferred to NUC PR on March 15, with anticipated transfer of Elev. 694 on April 8. The HVAC system is being balanced at this time. Punch list items and landscaping work remains.

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

The project is approximately 80% complete. Work on Phase I is complete and pre-op tests are being conducted. A FCR has been written to delete the sewage grinder system and to install a septic tank. It is awaiting approval from design. ECN 5610 yard piping is underway but cannot be completed until pre-op tests are completed. The turbine building piping and the 4" filtered water continues to be worked.

ECN L5841- Hot Machine Shop

All work is complete with the exception of the hallway on Elev. 706. This delay is due to power stores and will be completed when they move to their new facility. Also a mono-rail is to be added in the De-Con Room.

ECN L5599- Fifth Vital Battery.

This project is complete with the exception of the remaining Appendix R work. The remaining protective coating will be applied after maintenance is completed in battery rooms I, II, III, & IV.

ECN L5202-Fifth Diesel Generator Modification.

ERCW discharge piping is being installed in the yard at the present time. Pipe installation should be complete by April 8.

DCR L2108 - Flammable Liquid Storage Building

This project is approximately 85% complete. The remaining work consists of: built-up roof, air conditioning hook-up, testing and clean-up.

ECN L5932-5935 - Power Block Modifications

This project is overall 75% complete. Some cable pulling and equipment setting has been accomplished. Waiting on NRCs approval of the security plan so the remaining work can be completed.

ECN L6342-HP Calibration Facility

The work plan is being written. Modification work is scheduled to start in April and be completed by the end of May.

ECN L6182 Cooling Tower Repair

Cooling towers are in use in their "as is" condition. A requisition is being written for the repairs.

DATE	COMMENT	FAILURE DESCRIPTION	CAUSE OF FAILURE	CORRECTIVE ACTION	MR. NO.
04-01-85		ELECTRICAL MAINTENANCE MONTHLY REPORT FOR MARCH			PAGE 1
03-25-85	1-BOTA-072-001 05	CHECK BRAKES ON CONTAINMENT SPRAY PUMP 19-B LOCKING LEVER LEVER WILL NOT CONNECT TO THE DOWN POSITION	BRAKES RACKED IN TOO TIGHT	REPAIRED LEVER AND LUBRICATED WITH WD40	A529411
03-25-85	2-BATB-082-000 20-B	DIESEL GENERATOR 20-B DISTRIBUTION PANEL HAS A 25 VOLT NEGATIVE GROUND	NOT KNOWN AT THIS TIME	CHECKED FOUND NO GROUND AT THIS TIME GROUND METER READING 0 AT THIS TIME	A536533
03-25-85	0-BATB-082-000 0-S	SPARE DIESEL GENERATOR BATTERIES LOW ON WATER AND CHARGE	NO FAILURE PREVENTIVE MAINTANCE	ADDED WATER TO BATTERIES AND PUT ON CHARGE	A303234
03-25-85	0-PATH-317	PIPE TEE IN AUXILIARY BUILDING ELEVATION 714 A135 RUSTY	RUSTY AND NEEDS PAINTING	CLEANED AND PAINTED PIPE AS REQUESTED	A290837
03-25-85	2-MTRB-061-010 24	CHARGING PUMP 24-A MOTOR OUTBOARD BEARING RUNNING HOT	RESERVOIR LOW ON OIL	ADDED OIL TO PROPER LEVEL	A536660
03-25-85	2-BOTB-082-000 27	DIESEL GENERATOR WATER JACKET HEATERS 28-B KEEP KICKING OUT OPERATOR HAS TO RESET 2 AND 3 TIMES A SHIFT	NO PROBLEM FOUND	HEATERS READING 480 VOLTS PHASE TO PHASE, AMP READING A PHASE 15.5, B PHASE 15.15, C PHASE 15.5 AND HEATERS ARE CYCLING ON AND OFF APPROXIMATELY EVERY 3 MINUTES. CHECKED ALL CONNECTIONS, NO PROBLEMS WITH HEATERS AT THIS TIME	A529547
03-25-85	0-CHGB-250-000 J-6	125 VITAL BATTERY CHARGER STAYS IN AND WILL NOT CLEAR	NO FAILURE	WORK WAS COMPLETED ON ANOTHER MR	A517847
03-25-85	1-CON-302	CONDUIT CAP ELEVATION 714 AB U1, ABOVE CEILING ABOVE DOOR A183	CONDUIT CAP MISSING	SEALED CONDUIT WITH RTU FOAM	A244447
03-25-85	0-CHR-311-0154 -A)	"D" CONTROL BUILDING CHILLER IS TRIPPED OUT ON OIL FAILURE	WATER FLOW OUT OF ADJUSTMENT	ADJUSTED WATER FLOW	A299426
03-25-85	1-MTRB-067-049 1	CONTROL FUSES HAVE NO POWER FOR 2A-A STRAINER	ALIGNMENT PROBLEM IN CONTROL CIRCUIT VALVE LIMITS ON ISOLATION VALVE	CORRECTED ALIGNMENT PROBLEM	A300340

DATE....	COMPONENT.....	FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
12:58:48	04-01-85	ELECTRICAL MAINTENANCE MONTHLY REPORT FOR MARCH			PAGE 2
			NOT PROPERLY MADE FOR RELAY PICK UP		
03-25-85	1-CHR-311-0028	ELECTRICAL BOARD ROOM CHILLER HAS BUBBLES	WATER FLOW OUT OF ADJUSTMENT	ADJUSTED WATER FLOW	A529587
03-25-85	0-CHGB-250	VITAL BATTERY IV EQUALIZER CHARGER OUT OF ADJUSTMENT	VOLTAGE OUT OF ADJUSTMENT	ADJUSTED EQUALIZER VOLTAGE TO 144 VOLTS AT BATTERY TERMINALS	A302984
03-25-85	0-CHR-313-0335 A	CHILLER LOW ON FREON	FLANGE LEAKING	REPAIRED LEAK, AND CHARGED UNIT WITH FREON	A299408
03-25-85	0-CHR-313-0303 A	6.9KV SHUT DOWN BOARD ROOM CHILLER A-A PUMPS TRIP OUT	UNKNOWN AT THIS TIME	CHECKED CHILLER NOTHIN FOUND WRONG	A529529
03-25-85	0-CHER-250-000 Y-7	VITAL BATTERY CHARGER IV WILL NOT CHARGE	EQUALIZER CHARGE VOLTAGE OUT OF ADJUSTMENT	ADJUSTED EQUALIZER VOLTAGE TO 144 VOLTS	A302979
03-25-85	0-HTRB-070	PERFORM PREVENTIVE MAINTANCE ON 350 HORSE POWER MOTOR STORED IN WAREHOUSE	NO FAILURE PREVENTIVE MAINTANCE	PERFORMED AI-36 AS REQUESTED	A288059
03-25-85	1-CABL-083-0PL 1070	HIGH RESISTANCE IN CABLE 1PL1070&1066	NOT KNOWN	CUT CABLE AT PENETRATION 33 & RESPLICED CABLE AT PENETRATION 33	A249908
03-25-85	1-GENB-082-000 1B-B	TIME DELAY RELAY FOR DIESEL GENERATOR 1B-B DROPS OUT APPROX.17 SECONDS AND SHOULD DROP OUT AT 10+OR-1 SECONDS	TIMER NEEDED RESETTNG	RESET TNER PER MR SPECS	A538529
03-25-85	1-HTCK-234-030 0P	ALARM LIGHT IN CIRCUIT 300P WILL NOT RESET	HEAT TRACE CABLE BAD	PUT IN NEW TYPE HEAT TRACE AND ADDED TURNS TO CLEAR LIGHT	A299710
03-25-85	1-GENB-082-001 B-B	TIME DELAY RELAY #5 OPERATED AT 105 SECONDS INSTEAD OF 60 SEC.	TIMER NEEDED RESETTNG	RESET TIMER AS REQUESTED	A538528
03-25-85	2-FEM-030	PENETRATION 749A12220005 NEED TO REPLACE SEARFORM BOARD ON TRAYS GL-A,EBG,GK-A,VAZ & PC-A	NO FAILURE PREVENTIVE MAINTANCE	REPLACED SERA BOARD AS REQUESTED	A280188

12152145	04-01-85	ELECTRICAL MAINTENANCE MONTHLY REPORT FOR MARCH			PAGE 3
DATE....	COMPONENT.....	FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
03-25-85	1-PEN-030	PENETRATION 749A5066000 NEED TO REPLACE SEARFORM BOARD ON TRAYS HM-A+ECV+HI-A & VEG	NO FAILURE PREVENTIVE MAINTANCE	REPLACED SERA BOARD AS REQUESTED	A280186
03-25-85	2-PEN-030	PENETRATION 734A1201W075 NEED TO REPLACE SEARFORM BOARD ON TRAY NEXT TO TRAY HM-B ABOVE DOOR	NO FAILURE PREVENTIVE MAINTANCE	REPLACED SERA BOARD AS REQUESTED	A280166
03-25-85	2-INVB-250-000 B	125 VITAL BATTERY #3 DISCHARGE ALARM DID NOT ALARM WHEN CURRENT WENT HIGHER THAN THE ALARM	THE ALARM SET POINT WAS TOO HIGH	REPLACED METER RELAY AND ADJUSTED TIMER TESTED FOR PROPER OPERATIONS AND RETURNED TO SERVICE	A518262
03-25-85	1-HTCK-234-CN3 65	HEAT TRACE CIRCUIT #365 IS NOT WORKING	BAD HEAT TRACE	REPLACED HEAT TRACE CIRCUIT 365 P & S	A291494
03-25-85	2-VINV-250-C10 C	INVERTER ABNORMAL ALARM CAME IN	FAN FAILURE MOTOR BAD	REPLACED FAN MOTOR	A282873
03-25-85	0-CHR-313-0338 A	SHUT DOWN BOARD ROOM CHILLER B-B KEEPS TRIPPING OUT	BAD TEMPERTURE CONTROL VALVE	REPLACED TEMPERTURE CONTROL VALVE	A527322
03-25-85	2-FBV-067-0338	EMERGENCY GAS TREATMENT SYSTEM ROOM COOLER FAN WILL NOT RUN	BAD ELECTRICAL COILS	REPLACED ASCO COIL 102-005-90	A528677
03-25-85	0-CHGB-250-000 J-T	WHEN BATTERY CHARGER IV GOES OFF EQUALIZER CHARGER DROPS TO 90 VOLTS	FLOAT VOLTAGE OUT OF ADJUSTMENT	ADJUSTED FLOAT VOLTAGE	A528732
03-25-85	0-PAIN-364	REPAINT FLOOR IN VENT PURGE ROOM	NO FAILURE PREVENTIVE MAINTANCE	PAINTED FLOOR AS REQUESTED	A283537
03-25-85	2-INVB-250-000 P	VITAL INVERTER FAN #11 RUNS INTERMITTENTLY BEARING GETTING HOT	BAD FAN MOTOR	REPLACED FAN MOTOR	A529158
03-25-85	0-CHGB-250-000 H-F	VITAL BATTERY CHARGER #III IS NOT WORKING ON EQUALIZE	RESISTERS BAD RS AND R3	REPLACED RESISTERS	A298430
03-25-85	1-MTRB-003-006 7-A	NO CONTROL POWER LIGHTS SHOWING IN MAIN CONTROL ROOM	INSTRUMENT LAMPS BAD	REPLACED INSTRUMENT LAMPS PLACED JUMPER ACROSS 17CR TO 17CX1	A038538

12:58:45 DATE....	04-01-85 COMPONENT.....	ELECTRICAL MAINTENANCE MONTHLY REPORT FOR MARCH FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	PAGE 4 MR.NO..
03-25-85	2-PHIA-062-00T W	DIESEL GENERATOR GROUND METER NOT WORKING	BAD GROUND METER	REPLACED DEFECTIVE GROUND METER	A479409
03-25-85	0-CHGB-250	125VOLT VITAL BATTERY CHARGER IV WILL NOT HOLD VOLTAGE ABOVE 87 VOLTS	RESISTER BAD, CAPACITOR AND ONE DIODE BAD	REPLACED RESISTER R5, REPLACED CAPACITOR AND ONE DIODE	A529174
03-25-85	0-LG-062-5015	REMOVE LEVEL SWITCH AND ASSOCIATED JUNCTION BOX AND CONDUIT TO ASSIST MECHANICAL MAINTANCE IN REPAIR WORK ON DIESEL GENERATOR ENGINE 1A1	NO FAILURE PREVENTIVE MAINTANCE	REMOVED LEVEL SWITCH, JUNCTION BOX AS REQUESTED	A538535
03-25-85	1-BATB-082-001 P-B	DIESEL GENERATOR BATTERY 1B-B CELL #2 HAS EXCESSIVE CORROSION ON CONNECTION TO DISTRIBUTION PANEL CHARGER	NO FAILURE PREVENTIVE MAINTANCE	CLEANED CORROSION AND APPLIED NOLAX TO CONNECTOR	A538534
03-26-85	0-MTRB-013-SPA RE	PERFORM BRIDGE AND MEGGER TEST PER MI 10.20 ON SPARE FIRE PUMP MOTOR	NO FAILURE PREVENTIVE MAINTANCE	PERFORMED MI 10.20 AS REQUESTED	A518184
03-26-85	2-HTCX-062-066 S	CVC HEAT TRACE CIRCUIT 845 HAS SHORT	HEAT TRACE CABLE WAS DAMAGED	REPLACED HEAT TRACE CABLE	A282652
03-26-85	0-KX-039	THE SOLENOID ON THE HOLD OPEN DEVICES FOR THE FIRE DOOR IS CHATTERING	SOLENOID LOOSE, LATCH OUT OF ADJUSTMENT AND DIRTY	CLEANED AND ADJUSTED LATCH TIGHTENED SOLENOID TO PREVENT NOISE RELEASE MECHANISM STILL NEEDS REPLACING	A032181
03-26-85	0-BATB-250-000 X-7	125 VOLT VITAL DIRECT CURRENT BOARD III HAS 130 VOLT NEGATIVE GROUND	GROUND IS ON #3 STEAM GENERATOR BLOW DOWN ISOLATION VALVE	TO BE COMPLETED ON NRS28537	A529118
03-26-85	1-GENB-082-000 1A-A	DIESEL GENERATOR 1A-A BATTERY HAS A 15 VOLT NEGATIVE GROUND	DIRTY BATTERIES	CLEANED BATTERIES AND REDUCED GROUND TO 2.5 V.D.C TO GROUND	A287538
03-26-85	0-LOCL-013-061 0	PYROTRONICS PANEL 610 ZONE 138-B UNIT 2 HEAT AND VENT FAN HAS TROUBLE LIGHT AND WON'T CLEAR	WATER IN CONDUIT CAUSING CORROSION ON DETECTOR CONTACTS X9-13-161E	REPLACED DETECTOR CLEANED WATER FROM CONDUIT	A529293
03-26-85	2-HTCX-062-004	CVC HEAT TRACING	CURRENT RELAY BAD	REPLACED RELAY USING	A299743

12:58:45 DATE....	04-01-85 COMPONENT.....	ELECTRICAL MAINTENANCE MONTHLY REPORT FOR MARCH		PAGE 5
		FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION..... MR.NO..
	2P	DISTRIBUTION PANEL A-3 UNIT 2 AB ELEVATION 669 SHOWS CIRCUIT 42P NOT HEATING		MI6.20 AMPS WERE 2.5
03-27-85	0-BKRA-031	FOUND BREAKER DEFECTIVE ON PMT-31 OF FIFTH VITAL BATTERY ROOM DUCT HEATER B	DEFECTIVE BREAKER	REPLACED DEFECTIVE BREAKER A510144
03-27-85	0-LOCL-013-061 0	TROUBLE ALARM KEEPS COMING IN ON PYROTRONICS PANEL 610	CORROSION FOUND ON TERMINALS OF DETECTOR, PROBLEM CAUSED BY WATER CONDENSATING IN CONDUIT	REPLACED DETECTOR XS-161-D IN ZONE 139 PANEL 610 A535177
03-27-85	2-MTRB-067-049 1-A	FILTER STAYS IN CONTINUOUS ON STRAINER A-A OF ERCW SCREEN BACKWASH SWITCH	2-PDIS-67-491B/A OUT OF CALABRATION	RECALIBRATED 2-PDIS-67-491B/A TROUBLE SHOT WIRING USING MI 6.20 NO PROBLEM FOUND VALVE WORKING PROPERLY AT THIS TIME A301053
03-27-85	0-HTCK-234-33P & 33S	HEAT TRACE CIRCUITS 33P AND 33S ARE BAD AND NEED REPLACING	BAD HEAT TRACE CABLE	REPLACED HEAT TRACE CIRCUIT 33P & 33S LAID WIRES BACK DOWN ON M&AI 12 CHECKED OPERATION OF CONTROLLERS 33P IS PULLING 9 AMPS 33S IS PULLING 10 AMPS DID NOT CHANGE WRAPS ON CT THE LIGHTS ON PANEL DID NOT COME ON A520171

48 RECORDS LISTED.

ELECTRICAL MODIFICATIONS SECTION

MARCH 1985

DCR 1739 - Installation of the VAACS Computer

The CPU has been energized. Diagnostics is in process.

ECN 5024 - Installation of the Steam Generator Lay-Up Water System.

Installation of piping insulation continues.

ECN 5119 - Installation of the Radiation Monitoring Cables in conduit.

Conduit installation is 80 percent complete. Cable pulls have commenced.

ECN 5194 - Iodine Monitors

Security parts and phones are on order. Waiting for Power Block reconfiguration to place doors into the security system.

ECN 5200 - Unit 1 Postaccident Sampling Facility

Rework of the postmodification test deficiencies is in progress.

ECN 5202 - Fifth Diesel Generator

Workplan to install breaker and hot up the building is available for work. There is some CONST work required prior to placing building on permanent power.

ECN 5237- Laundry Facility

Installation of pressure switches, temperature switches, and phones is in progress. Radiation monitor work in the main control room is complete.

ECN 5484 - Installation of Power Outlets in the Ice Condenser

This work is complete for Unit 1.

ECN 5495 - Field Services Building

The building has been placed on permanent power. Work on the fire detection system is in progress.

ECN 5565 - Inplant Repeaters

The radio recombiner has been installed. The addition of a third general use channel is complete. This ECN is complete.

ELECTRICAL MODIFICATIONS SECTION
(Continued)

ECN 5664 - Replacement of the Relays in the Wells Fargo Alarms

Remaining work is in hold until Construction abandons the cables at the ERCW pumping station.

ECN 5845 - Delete Nuisance Alarms

This ECN is complete.

ECN 5874 - Add Oil System on the RCP Motors

Workplan writing is in progress.

ECN 5881 - Replace Limit Switches

Workplan is ready for work during the ice outage.

ECN 5883 - Replace Flow Switches and Various Other Instruments

Pressure Switch workplan remains in the approval cycle.

ECN 5898 - Revise Limit Switch Logic

Pre-outage work is complete.

ECN 5970 - Replace Valve Operators

All pre-outage operators have been changed out.

ECN 6032 - Relocate Hydrogen Analyzers

All pre-outage work is complete.

ECN 6057 - Cable Tray Covers

Approximately 240 out of 290 cable tray covers have been remanufactured or replaced.

ECN 6200 - Relocate Mainsteam Pressure Transmitters

Work has commenced.

ECN 6204 - Electrical Penetration Overcurrent Protection

Fuse replacement and fuse block installation is complete. Waiting for a Tech Spec change to place the circuits in operation.

ECN 6207 - Install Moisture Seals and Conduit Seals

Workplan writing is in progress.

ELECTRICAL MODIFICATIONS SECTION
(Continued)

Appendix R

ECN 6209 - Wrap Fire Protective Blanket Around Conduit

Approximately 70 percent of the conduits assigned to this ECN have been wrapped.

ECN 6235 - Reroute Various Cables

The first workplan is being written.

ECN 6260 - Wrap Conduits

Work is complete.

ECN 6316 - Seal for Penetrations

Work is approximately 30 percent complete.

INSTRUMENT MAINTENANCE

Unit 1

1. Performed monthly calibration of UHI level switches, SI-196. One switch 1-LS-87-22, was out of tolerance. PRO 1-85-93 was written.
2. Westinghouse completed the recalibration of RVLIS instrument racks.
3. The system 30 containment pressure transmitters PDT-30-44 and -45 were replaced with qualified Barton model 764s. The old transmitters were Foxboro model E11GMs scaled -1 to 15 psig. The presently installed Bartons are scaled -1 to 17 psig which required a complete rescaling of the instrument loops and replacement of the scales on the control room indicators.
4. The commitment to NRC to delete the reset function on the SI block switches was extended to allow the modification to be performed during the ice outage.
5. NCR SQNNEB 8403 stated that the useful life of the containment H₂ analyzers would be limited during a LOCA due to the catalyst being poisoned by large concentrations of iodine. To correct this deficiency the vendor supplied a capsule containing a larger quantity of catalyst. The new catalyst capsules were installed in both trains A and B. Subsequent testing revealed that the diffusion time for gas to pass through the catalyst increased the hold period for each calibration point from five minutes to 45 minutes.

A previous analysis by site services showed that the original catalyst was adequate. The analysis that generated the NCR was based on a large BWR with higher iodine concentrations than SNP. Train B has been returned to the original catalyst configuration to reduce out of service time for calibration and functional testing. Train A catalyst will be returned to its original configuration in the near future.

6. The calibration of the new water treatment instruments in system 928 is approximately 90% complete.

Unit 2

1. Performed monthly calibration of UHI level switches, SI-196.2. All switches were within tolerance.
2. The calibration of the RVLIS racks is still in progress. Unit 2 calibration is being handled by Instrument Maintenance.
3. The system 30 containment pressure transmitters PDT-30-44 and -45 were replaced with qualified Barton model 764s. The old transmitters were Foxboro model E11GMs scaled -1 to 15 psig. The presently installed Bartons are scaled -1 to 17 psig which required a complete rescaling of the instrument loops and replacement of the scales on the control room indicators.

INSTRUMENT MAINTENANCE

Unit 2 (Continued)

4. Deletion of the reset function on the SI block switches was completed by WP-11519. This satisfied the commitment made to NRC for unit 2.
5. A correction factor of 1.6% was entered into the P250 to compensate feedwater flow error due to fouling in the feedwater nozzle.
6. Recalibrated NIS Intermediate Range drawers for new core data per RTI-8.

COMP

MR.	COMP	U	FUNC	SYS	ADDRESS.	DATE....	DESCRIPTION.....	CORRECTIVE ACTION.....
A102996	2	PT	003	122A	03/22/85	2-PT-003-122A, VERIFY CALIB OF 2 PT 3 122A LOOP TO BE WITHIN TOLERANCE. REQ'D FOR PMT 53 RETEST ON APPROX 3/27/85	PRESS. TRANSMITTER WAS FOUND OUT OF CALIB ON THE LOW SIDE OF TOLERANCE. PRESS. TRANSMITTER WAS RECALIB	
A103000	2	PT	003	132A	03/27/85	2-PT-003-132A, VERIFY CALIB	PRESS. TRANSMITTER WAS FOUND SLIGHTLY OUT OF CALIB ON THE LOW SIDE OF TOLERANCE. PRESS. TRANSMITTER WAS RECALIB.	
A243492	1	PCV	001	12	03/21/85	1-PCV-001-12, REGULATOR IS LEAKING AIR IN AN EXTREME MANNER	GASKET ON THE VLV POSITIONER WAS LEAKING. GASKET ON THE POSITIONER WAS REPLACED; THE VLV WAS STROKED; AND RETURNED TO SERVICE	
A284978	2	XX	092	5003	03/25/85	2-XX-092-5003, RECALIB HIGH LVL AND ROD STOP BISTABLES PER RTD B DATA	NONE; RECAL PER RTI B-RECAL TO NEW SETPOINT	
A284979	2		092	5004	03/25/85	2--092-5004, RECALIB HIGH LVL AND ROD STOP BISTABLES PER RTI B DATA	NONE; RECAL PER RTI B-RECAL TO NEW SETPOINT	
A299184	2		099	SSPS	03/02/85	2--099-SSPS, SUSPECT CLOCK PROBLEMS WITH SSPS TRAIN B TO COMPUTER RM	BAD ISOLATION BOARD-REPLACED BAD BOARD	
A299241	2	XI	092	5005B	03/04/85	2-XI-092-5005B, % FULL PWR METER READING HIGH	IND. OUT OF CAL. RECAL IND.	

7 records listed.

Mechanical Maintenance Section

March 1985

Unit 0

1. Repairs were made to the potable water line in the diesel building.
2. A temporary demineralizer PVC line was repaired.
3. "H" waste gas decay tank relief valve was repaired.
4. Replaced the acid pump in the temporary demineralizer.
5. Replaced the bearing lube water strainers to the cooling tower lift pumps, 2-A & 2-B.
6. Replaced the EHC filter caps.

Unit 1

1. Investigating the low discharge pressure on 1B-B fire pump.
2. Replaced 1A-A fire pump.
3. Replaced the lube oil cooler on 1A-1 diesel engine.
4. Replaced the belts on the 1A-A 6.9 kV shutdown board room air handling unit.

Unit 2

1. Aligned 2-B stator cooling water pump.
2. Replaced the gasket on the B-B auxiliary air compressor to correct a cover plate leak.
3. Pulled the 2B-B fire pump to change-out the motor.
4. Changed-out the 2B-B seal water injection filter.
5. Rerouted the drain lines on the main turbine oil tank vapor extractor discharge.
6. Repaired the B gas stripper feed pump.
7. Replaced the inboard seal on 2A-A centrifugal charging pump.

Mechanical Modification Section

March 1985

ECN 2780/5200 - Post Accident Sampling Facilities

Minor replacement/repair parts were received and installed.

ECN 5938 - Feedwater Heaters

X-raying of the #4 heaters was completed without repairs. Work continues on the reinforcing of the nozzles on the #3 heaters. Installation of the mono-rails and various support steel continues. Additional pipe reroutes for access was completed.

"Appendix R"

ECN 6319 - Two workplans for plugging and relocating sprinkler heads were placed in the approval cycle.

ECN 6311 - A. The workplan to clear deficiencies associated with the open penetrations in the Auxiliary Building general areas on El. 714, 690, 653 was written and worked. This item should be completed.

B. The valve operator extension was started under the workplan to core drill the valve room wall.

ECN-5373 - Con Demin Air Compressor - The mechanical work was completed. Insulation and painting activities are in progress. Upon completion of the electrical work a vendor representative will be here for start-up testing.

ECN 6328/6356 ERCW Flange and Reducer Replacement - Upon removing the first reducer, it was discovered that the flanges had degraded also. ECN 6356 was issued, a workplan prepared and was approved. Replacement of the flanges and reducers is continuing.

ECN-0588 - 6032 - H2 Monitor Relocation: A decision was made to procure WBNP's monitors to install them at Sequoyah in the new location. This will reduce the work required to be performed during the ice outage. Sequoyah's monitor will be returned to WBNP.

6231 - Relocation of pipe and hangers for motor operators. One hanger workplan was worked. The piping reroute workplan remains in the approval cycle.

Component Heat Exchanger Replacement. Review of various options continues. A trip to Salem Nuclear Plant was made by modification, site services, and maintenance personnel.

MSR Tube Bundle Replacement. Efforts continues in finalizing the work to be done and the evacuation of various options.

Ice Outage - Planning & Scheduling Activities continues.

ECN 5009 - ERCW Piping Replacement - Work was started on the replacement of piping to the AFW boric acid room cooler. SI-566 was started with the results dictating future work and scheduling.

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

April 12, 1985

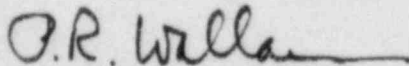
Nuclear Regulatory Commission
Office of Management Information
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Washington, DC 20555

Gentlemen:

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY



P. R. Wallace
Plant Manager

Enclosure
cc (Enclosure):

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