

TENNESSEE VALLEY AUTHORITY

DIVISION OF NUCLEAR POWER

SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT

TO THE

NUCLEAR REGULATORY COMMISSION

August 1, 1985 - August 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

P. R. Wallace, Plant Manager

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PDR ADOCK 05000327
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Operations Summary

August 1985

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

Unit 1

Unit 1 was critical for 527.9 hours, produced 596,930 MWH (gross), resulting in an hourly gross load of 1,130,806 kW during the month. The capacity factor for the month was 67.8 percent. The unit was manually shutdown at 2343C on August 22, 1985, due to documentation concerns relating to the environmental qualification of various electrical equipment (NUREG 0588). The unit entered cycle 3 refueling/modification outage at 2400C on August 25, 1985. The expected return-to-service date is November 11, 1985.

During the month the unit experienced no reactor scrams, one manual shutdown and no power reductions.

Unit 2

Unit 2 was critical for 500.1 hours, produced 568,030 MWH (gross), resulting in an average hourly gross load of 1,135,901 kW during the month. The capacity factor for the month was 64.5 percent. The unit was manually shutdown at 2004C on August 21, 1985, due to documentation concerns relating to the environmental qualification of various electrical equipment (NUREG 0588). The expected return-to-service date is October 6, 1985. There are 152.81 full power days estimated remaining until the end of cycle 3 fuel. With a capacity of 85 percent after the unit returns to service, the target EOC exposure would be reached April 3, 1986.

During the month, the unit experienced no reactor scrams, one manual shutdown and no power reductions.

Significant Operational Events

Unit 1

<u>Date</u>	<u>Time</u>	<u>Event</u>
08/01/85	0001	The reactor was in mode 1 at 100% RTP producing 1145 MWe.
08/16/85	1151	Began a power reduction to change out the brushes on the condenser circulating water pump C motor.
	1408	The reactor was maintaining 88% RTP producing 995 MWe. 1C CCW pump work was in progress.
	1540	Began power ascension.

Significant Operational Events (Cont.)

Unit 1

<u>Date</u>	<u>Time</u>	<u>Event</u>
08/17/85	0330	The reactor obtained 100% RTP, producing 1136 MWe.
08/22/85	1700	Began reducing power to remove the unit from service by order of the Manager of Power and Engineering (Nuclear), Mr. Hugh Parris, due to documentation concerns of NUREG 0588 related equipment.
	2145	The reactor was maintaining 30% RTP producing 295 MWe for the performance of SI-60.
	2200	Began decreasing power.
	2254	SI-60 completed.
	2353	Off-line. The unit had been in continuous operation since July 22, 1985, at 0524C for 31.8 days.
08/23/85	0001	The reactor entered mode 3.
08/24/85	2214	The reactor entered mode 4.
08/25/85	0815	The reactor entered mode 5.
08/26/85	0001	The unit entered cycle 3 refueling/modification outage.
08/31/85	2359	The cycle 3 refueling/modification outage continues.

Unit 2

<u>Date</u>	<u>Time</u>	<u>Event</u>
08/01/85	0001	The reactor was in mode 1 at 100% RTP producing 1145 MWe.
08/21/85	1347	The reactor was in mode 1 at 100% RTP producing 1145 MWe when ordered shutdown by the Manager of Power and Engineering (Nuclear), Mr. Hugh Parris, due to documentation concerns NUREG 0588 related equipment. Began power reduction for manual shutdown.
	2004	Off-line. The unit had been in continuous operation since May 24, 1985, at 0141C for 89.7 days.

Significant Operational Events (Cont).

<u>Date</u>	<u>Time</u>	<u>Event</u>
08/21/85	2010	The reactor entered mode 3.
08/22/85	0854	The reactor entered mode 4.
08/23/85	0610	The reactor entered mode 5.
08/31/85	2359	The reactor was in mode 5 and remains in the administrative shutdown due to NUREG 0588 documentation concerns. Repairs to steam generator 2 manways continue.

Fuel Performance

Unit 1

The core average fuel exposure accumulated during August was 834.15 MWD/MTU with the total accumulated core average fuel exposure of 13252.86 MWD/MTU.

Unit 2

The core average fuel exposure accumulated during August was 794.42 MWD/MTU with the total accumulated core average fuel exposure of 8097.51 MWD/MTU.

Spent Fuel Pit Storage Capabilities

The total storage capability in the spent fuel pit (SFP) is 1386. However, there are five cell locations which are not capable of storing spent fuel. Four locations (A10, A11, A24, A25) are unavailable due to a suction strainer conflict and one location (A16) is unavailable due to an instrumentation conflict. Presently, there is a total of 276 spent fuel bundles stored in the SFP. Thus, the remaining storage capacity is 1105.

PORVs and Safety Valves Summary

No PORVs or safety valves were challenged in August 1985.

Licensee Events and Special Reports

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

LER

DESCRIPTION OF EVENT

1-85029	On July 19, 1985, at 0349C, with unit 1 at 100 percent reactor power, a trip occurred on low-low steam generator level in loop 3 due to a partial loss of feedwater. The trip occurred when an attempt was made to transfer power from an electrical board, and a momentary power loss resulted in loss of a main feedwater pump.
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Licensee Events and Special Reports

LER

DESCRIPTION OF EVENT (Cont.)

- 1-85030 On July 21, 1985, two events occurred while in mode 2 which initiated an engineered safety actuation for auxiliary feedwater pump start. The first event occurred due to loss of both main feed pumps which were only on turning gear; however, when they tripped, this actuated start of auxiliary feedwater. The second event was due to a high-high level in steam generator loop 4 caused by a leaking feedwater regulator valve. For both events, the reactor was not affected.
- 1-85031 On July 29, 1985, with both units at 100% reactor power, an auxiliary building isolation occurred at 2225C. The isolation was automatically initiated by high radiation as indicated by auxiliary building stack ventilation monitor, RM-90-101. A leak was found on a letdown sample line upstream of valve 62-674.
- During the event, 11 people had minor contamination due to airborne radioactivity. All individuals were decontaminated. Also, the roving fire watch personnel were unable to make their rounds due to ALARA precautions.

Special Reports

No special reports were 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 SEPTEMBER 9 1985
 COMPLETED BY GENE R WILBOURN
 TELEPHONE (615) 870-6544

OPERATING STATUS

1. UNIT NAME: SEQUOYAH NUCLEAR PLANT, UNIT 1
2. REPORT PERIOD: AUGUST 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	5831.00	36552.00
12. NUMBER OF HOURS REACTOR WAS CRITICAL	528.00	3797.25	24444.91
13. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
14. HOURS GENERATOR ON-LINE	527.88	3762.18	23871.13
15. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1779984.00	12383285.96	77060971.91
17. GROSS ELECTRICAL ENERGY GEN. (MWH)	596930.00	4239970.00	25976386.00
18. NET ELECTRICAL ENERGY GENERATED (MWH)	573827.00	4067898.00	24949528.00
19. UNIT SERVICE FACTOR	70.95	64.52	65.31
20. UNIT AVAILABILITY FACTOR	70.95	64.52	65.31
21. UNIT CAPACITY FACTOR (USING NDC NET)	67.18	60.77	59.46
22. UNIT CAPACITY FACTOR (USING DER NET)	67.18	60.77	59.46
23. UNIT FORCED OUTAGE RATE	12.02	12.38	17.45
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:			
November 11, 1985			

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

OPERATING DATA REPORT

DOCKET NO. 50-328
DATE SEPTEMBER 9 1985
COMPLETED BY GENE R WILBOURN
TELEPHONE (615) 870-6544

OPERATING STATUS

1. UNIT NAME: SEQUOYAH NUCLEAR PLANT, UNIT 2
2. REPORT PERIOD: AUGUST 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	5831.00	28512.00
12. NUMBER OF HOURS REACTOR WAS CRITICAL	500.20	5289.42	21984.54
13. REACTOR RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
14. HOURS GENERATOR ON-LINE	500.07	5224.24	21494.42
15. UNIT RESERVE SHUTDOWN HOURS	0.00	0.00	0.00
16. GROSS THERMAL ENERGY GENERATED (MWH)	1693363.20	17128966.35	69127977.22
17. GROSS ELECTRICAL ENERGY GEN. (MWH)	568030.00	5845549.00	23537229.00
18. NET ELECTRICAL ENERGY GENERATED (MWH)	547267.00	5624973.00	22645981.60
19. UNIT SERVICE FACTOR	67.21	89.59	75.39
20. UNIT AVAILABILITY FACTOR	67.21	89.59	75.39
21. UNIT CAPACITY FACTOR (USING MDC NET)	64.07	84.03	69.19
22. UNIT CAPACITY FACTOR (USING DER NET)	64.07	84.03	69.19
23. UNIT FORCED OUTAGE RATE	32.79	10.31	9.01
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:
-October 6, -1985-

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-327
 UNIT NAME Sequoyah One
 DATE September 9, 1985
 PLANT CONTACT Gene E. Wilbourn
 TELEPHONE (615) 870-6544

REPORT MONTH August 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
6	85/08/22	F	72.1	F	1				Ordered shutdown by Manager of Power and Engineering (Nuclear), Mr. Hugh Parris, due to documentation concerns relating to NuReg 0588 equipment.
7	85/08/26	S	144.02	C	9				Cycle 3 Refueling/Modification Outage

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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-328
 UNIT NAME Sequoyah Two
 DATE September 9, 1985
 PLANT CONTACT Gene R. Wilbourn
 TELEPHONE (615) 870-6544

REPORT MONTH August 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
9	85/08/21	F	243.93	F	1				Ordered shutdown by Manager of Power and Engineering (Nuclear), Mr. Hugh Parris, due to documentation concerns relating to NUREG 0588 equipment.

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)

ATTACHMENT 1
AVERAGE DAILY UNIT POWER LEVEL

FILE PACKAGE NO. 55
REPORT REQUIREMENTS

DOCKET NO. 50-327
UNIT Sequoia One
DATE September 9, 1985
COMPLETED BY T. J. Hollomon
PLANT CONTACT Gene R. Wilbourn
TELEPHONE (615) 870-6544

MONTH August 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1106</u>
2	<u>1108</u>
3	<u>1104</u>
4	<u>1103</u>
5	<u>1104</u>
6	<u>1106</u>
7	<u>1108</u>
8	<u>1107</u>
9	<u>1105</u>
10	<u>1103</u>
11	<u>1104</u>
12	<u>1103</u>
13	<u>1101</u>
14	<u>1099</u>
15	<u>1099</u>
16	<u>1051</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1094</u>
18	<u>1100</u>
19	<u>1103</u>
20	<u>1104</u>
21	<u>1103</u>
22	<u>935</u>
23	<u>Off Line</u>
24	<u>Off Line</u>
25	<u>Off Line</u>
26	<u>Off Line</u>
27	<u>Off Line</u>
28	<u>Off Line</u>
29	<u>Off Line</u>
30	<u>Off Line</u>
31	<u>Off Line</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)

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AL-18

Appendix A

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Rev. 24

ATTACHMENT 1

AVERAGE DAILY UNIT POWER LEVEL

FILE PACKAGE NO. 55
REPORT REQUIREMENTS

DOCKET NO. 50-328

UNIT Sequoyah Two

DATE September 9, 1985

COMPLETED BY T. J. Hollomon
PLANT CONTACT Gene R. Wilbourn
TELEPHONE (415) 870-6544

MONTH August 1985

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1108
2	1105
3	1103
4	1101
5	1102
6	1102
7	1103
8	1102
9	1103
10	1105
11	1105
12	1106
13	1106
14	1101
15	1095
16	1102

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1100
18	1102
19	1104
20	1104
21	971
22	Off Line
23	Off Line
24	Off Line
25	Off Line
26	Off Line
27	Off Line
28	Off Line
29	Off Line
30	Off Line
31	Off Line

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)

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NUCLEAR PLANT OPERATING STATISTICS

SEQUOYAH NUCLEAR

Plant

Period Hours 744

Month AUGUST 19 85

	Item No.	Unit No.	Unit One	Unit Two	Plant
Generation	1	Average Hourly Gross Load, kW	1,130,806	1,135,901	1,133,285
	2	Maximum Hour Net Generation, MWh	1,116	1,112	2,224
	3	Core Thermal Energy Gen, GWD (t) ²	74.1660	70.5568	144.7228
	4	Steam Gen. Thermal Energy Gen., GWD (t) ²	74.4257	70.8039	145.2296
	5	Gross Electrical Gen., MWh	596,930	568,030	1,164,960
	6	Station Use, MWh	23,103	20,763	43,866
	7	Net Electrical Gen., MWh	573,827	547,267	1,121,094
	8	Station Use, Percent	3.87	3.66	3.77
	9	Accum. Core Avg. Exposure, MWD/Ton ¹	13,253	8,098	21,351
	10	CTEG This Month, 10 ⁶ BTU	6,075,085	5,779,450	11,854,536
	11	SGTEG This Month, 10 ⁶ BTU	6,096,358	5,799,688	11,896,046
	12				
Factors & Use	13	Hours Reactor Was Critical	523.0	500.2	1028.2
	14	Unit Use, Hours-Min.	527:53	500:04	1027:57
	15	Capacity Factor, Percent	67.82	64.54	66.18
	16	Turbine Avail. Factor, Percent	76.09	75.59	75.84
	17	Generator Avail. Factor, Percent	74.13	74.66	74.40
	18	Turbogen. Avail. Factor, Percent	74.13	74.66	74.40
	19	Reactor Avail. Factor, Percent	71.57	68.72	70.14
	20	Unit Avail. Factor, Percent	70.95	67.21	69.08
	21	Turbine Startups	0	0	0
	22	Reactor Cold Startups	0	0	0
	23	Unit Service Hours			527:53
Efficiency	24	Gross Heat Rate, Btu/kWh	10,180	10,170	10,180
	25	Net Heat Rate, Btu/kWh	10,590	10,560	10,570
	26	Gross Heat Rate BTU/kWh w/o oil			10,180
	27	Net Heat Rate BTU/DWh w/o oil			10,570
Temp & Press	28	Throttle Pressure, psig	860.3	867.5	863.8
	29	Throttle Temperature, °F	526.6	527.6	527.1
	30	Exhaust Pressure, InHg Abs.	3.5	3.7	3.6
	31	Intake Water Temp., °F	78.9	79.9	79.4
	32				
Flows	33	Main Feedwater, M lb/hr	14.9	15.0	14.9
	34				
	35				
	36				
Misc.	37	Full Power Capacity, EFPD	370.00	363.65	733.65
	38	Accum. Cycle Full Power Days, EFPD	345.4521	210.8416	556.2936
	39	Oil Fired for Generation, Gallons			8,580
	40	Oil Heating Value, Btu/Gal.			138,000
	41	Diesel Generation, MWh			130
	42				
Station Data	Max. Hour Net Gen.		Max. Day Net Gen.		Load Factor, %
	MWh	Time	MWh	Date	
	2,224	2000	53,136	8/1/85	
	43	2000	8/1/85	53,136	67.75
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 09/13/85

Date Revised

P.R. Walla
Plant Superintendent

UNIT OUTAGE AND AVAILABILITY

SEQUOYAH Nuclear Plant

Licensed Reactor Power 3411 MW(th)Generator Rating 1220.5 MW(e)Design Gross Electrical Rating 1183 MWUnit No ONEMonth/Year AUGUST 1985Period Hours 744

Day	Time Unit Available						Time Not Available						Unit			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	Sec	Hrs	Min	Sec	Hrs	Min	Sec	Hrs	Min	Sec	Hrs	Min	Sec					Hrs	Min	Sec	Hrs	Min	Sec																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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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

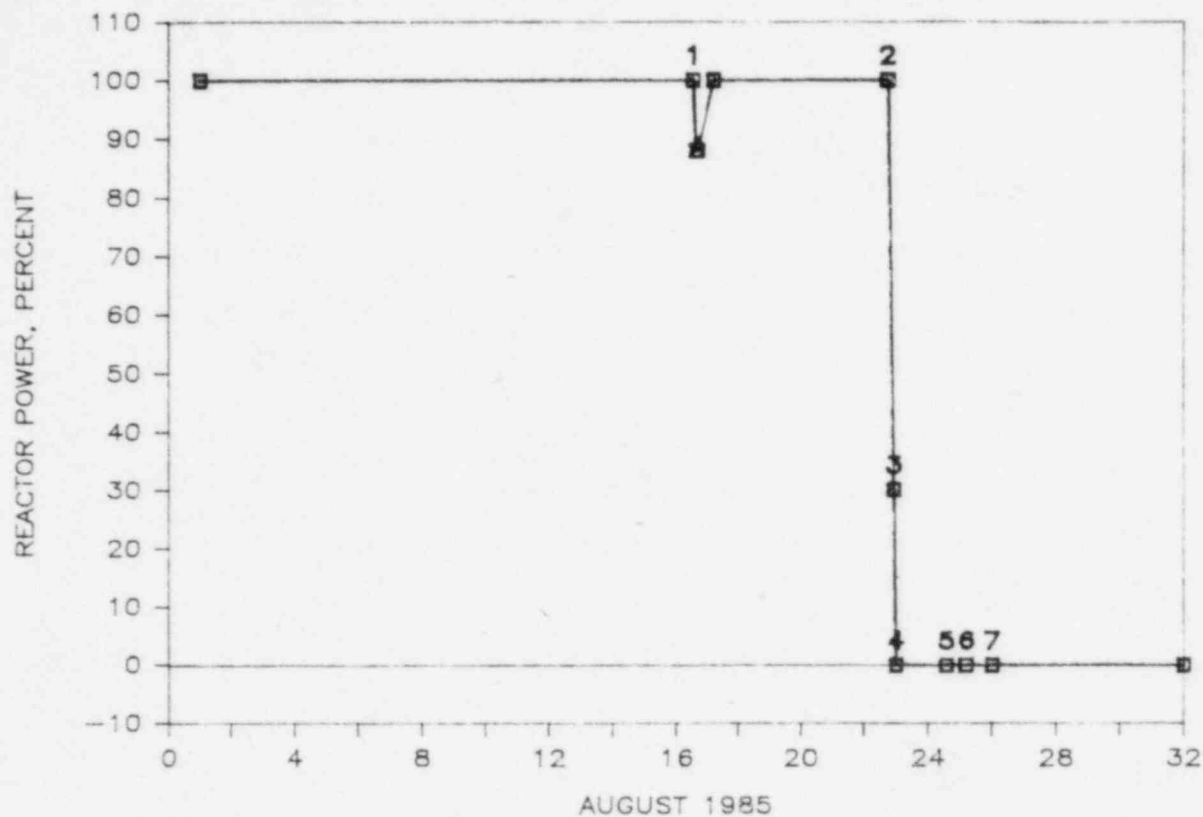
Month/Year AUGUST 1985

Period Hours 744

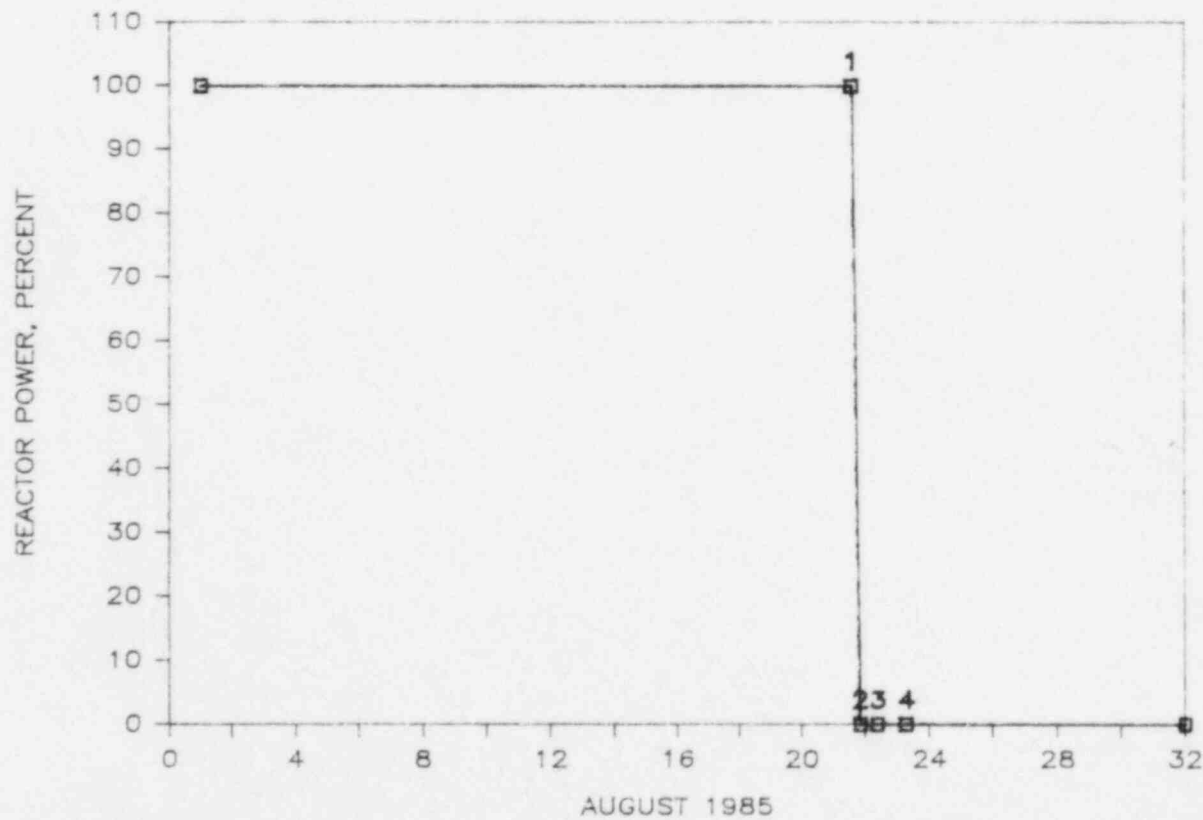
Unit No. TWO

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	00	00	00	00	00	00	00									
2	24	00	24	00					00	00	00	00	00	00	00	00	00	00	00	00	00	00	00									
3	24	00	24	00					00	00	00	00	00	00	00	00	00	00	00	00	00	00	00									
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13	24	00	24	00					00	00	00	00	00	00	00	00	00	00	00	00	00	00	00									
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21	20	04	20	04					00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	20	04	NUREG 0588 documentation requirements	manual shutdown	mode 5				
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26	00	00	00	00					24	00	24	00	24	00	24	00	24	00	24	00	24	00	24	00								
27	00	00	00	00					24	00	24	00	24	00	24	00	24	00	24	00	24	00	24	00								
28	00	00	00	00					24	00	24	00	24	00	24	00	24	00	24	00	24	00	24	00								
29	00	00	00	00					24	00	24	00	24	00	24	00	24	00	24	00	24	00	24	00								
30	00	00	00	00					24	00	24	00	24	00	24	00	24	00	24	00	24	00	24	00								
31	00	00	00	00					24	00	24	00	24	00	24	00	24	00	24	00	24	00	24	00								
Total	500	04	500	04					181	35	188	30	232	45	243	56																

SEQUOYAH ONE REACTOR HISTOGRAM



SEQUOYAH TWO REACTOR HISTOGRAM



Reactor Histogram Comments

August 1985

Unit 1

- | | | | |
|----|----------|------|---|
| 1. | 08/16/85 | 1151 | Reduced power to 88 percent to replace the brushes in condenser circulating water pump C motor. |
| 2. | 08/22/85 | 1700 | Began reducing power to remove the unit from service by order of Mr. Hugh Parris, Manager of Power and Engineering (Nuclear) due to documentation concerns of NUREG 0588 equipment. |
| 3. | 08/22/85 | 2145 | Maintained 30 percent RTP while SI-60 was being performed. |
| 4. | 08/22/85 | 2353 | Off-line |
| 5. | 08/24/85 | 2214 | The reactor entered mode 4. |
| 6. | 08/25/85 | 0815 | The reactor entered mode 5. |
| 7. | 08/26/85 | 0001 | Entered the cycle 3 refueling/modification outage. |

Unit 2

- | | | | |
|----|----------|------|---|
| 1. | 08/21/85 | 1347 | Began reducing power to remove the unit from service by order of Mr. Hugh Parris, Manager of Power and Engineering (Nuclear) due to documentation concerns of NUREG 0588 equipment. |
| 2. | 08/21/85 | 2004 | Off-line |
| 3. | 08/22/85 | 0854 | The reactor entered mode 4. |
| 4. | 08/23/85 | 0610 | The reactor entered mode 5. |

15:49:39 DATE....	09-09-85 COMPONENT.....	ELECTRICAL MAINTENANCE MONTHLY REPORT FOR AUGUST				PAGE 1
		FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..	
07-13-85	1-FSV-30-0047B	INSPECT CABLE TERMINATION TO SOLENOID VALVE	CABLE CONNECTION BAD	REPAIRED CONNECTION	A530909	
07-13-85	1-FSV-030-0048 B	INSPECT CABLE TERMINATION TO SOLENOID VALVE	CABLE TERMINATION NOT QUALIFIED	REPAIRED CABLE TERMINATION	A530910	
07-13-85	1-FSV-030-0046 B	INSPECT CABLE TERMINATION TO SOLENOID VALVE	NEED QUALIFIED CABLE CONNECTIONS	REPAIRED CONNECTIONS	A530908	
07-25-85	1-BCTD-067-012 -5	REPLACE CRACKED CONTACTOR CONTACT BLOCK	OVERTIGHTENED SCREWS	REPLACED CRACKED CONTACTOR CONTACT BLOCK	A529811	
08-08-85	0-XFD-031-0904	VERIFY FUSE LINKS ARE PROPERLY TERMINATED	NEED QUALIFIED CONNECTIONS	RETERMINATED DAMPER LINK CONNECTIONS	A530915	
08-09-85	1-II-030-0146- A	ELAPSED TIME METER NOT CHANGING WHILE FAN RUNNING	TIME METER DEFECTIVE DUE TO NORMAL WEAR	REPLACED TIME METER AND CHECKED FOR PROPER OPERATION	A533645	
08-15-85	0-XFD-313-0906	INSPECT CABLE V2275 TERMINATION TO FUSE LINK AND RETERMINATE	NEED QUALIFIED CONNECTORS INSTALLED	CUT OUT BUTT SPLICE INSTALLED NON-INSULATED RING TONGUE ON POWER CABLE AND FUSE LINK WIRE	A530927	
08-15-85	0-XFD-313-0908	RETERMINATE CABLE V2287 TO THE DAMPER FUSE LINK	NEED QUALIFIED CONNECTORS INSTALLED	TERMINATED WITH NON-INSULATED RING-LUGS AND LOCK WASHERS	A530919	
08-15-85	0-XFD-313-0903	RETERMINATE CABLE V2271 TO THE DAMPER FUSE LINK	NEED QUALIFIED CONNECTORS INSATLLED	INSTALLED NON-INSULATED RING-LUGS WITH LOCK WASHERS	A530918	
08-15-85	0-XFD-313-0908	REPLACE THERMAL FUSE LINK	NEED QUALIFIED CONNECTOR INSTALLED	REPLACED BAD FUSEABLE LINK AND TERMINATED WITH NON-INSULATED RING-LUGS WITH LOCK WASHERS	A301434	

15:49:39 DATE....	09-09-85 COMPONENT.....	ELECTRICAL MAINTENANCE MONTHLY REPORT FOR AUGUST			PAGE 2
		FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
08-15-85	1-BCTB-201-SJ/ 10B-A	BREAKER TRIPPING TOO SOON WHEN TESTED	BAD AMPTECTOR	REPLACED AMPTECTOR	A538723
08-16-85	0-XFD-313-0233	INSPECT CABLE V2256 TERMINATION TO THE FUSE LINK AND RETERMINATE	NEED QUALIFIED CONNECTORS INSATLLED	WIRES WERE TERMINATED WITH INSULATED BUTT SPICES, TERMINATED WITH NON-INSULATED RING LUGS WITH LOCK WASHERS	A530943
08-16-85	0-XFD-311-0234	INSPECT CABLE V2257 TERMINATION TO THE FUSE LINK AND RETERMINATE	NEED QUALIFIED CONNECTORS INSTALLED	FOUND WIRES TERMINATED WITH INSULATED BUTT SPICES, USED NON-INSULATED RING-LUGS WITH LOCK WASHERS	A530944
08-16-85	0-XFD-313-0907	INSPECT CABLE V2284 TERMINATION TO THE FUSE LINK AND RETERMINATE	NEED QUALIFIED CONNECTORS INSTALLED	INSTALLED NON-INSULATED RING-LUG WITH LOCK WASHER	A530928
08-16-85	0-XFD-311-0235	INSPECT CABLE V2255 TERMINATION TO THE FUSE LINK AND RETERMINATE	NEED QUALIFIED CONNECTORS INSTALLED	RETERMINATED WITH NON-INSULATED RING TERMINALS AND LOCK WASHERS	A530945
08-16-85	1-BCTD-067-012 5	REPLACE CRACKED CONTACTOR CONTACT BLOCK	OVERTIGHTENED SCREWS	REPLACED CRACKED CONTACTOR CONTACT BLOCK	A529810
08-16-85	2-GENB-082-000 2A	DIESEL GENERATOR WILL NOT LOAD TO OVER 4200 KW	DIRTY 2A1 GOVERNOR, CONNECTOR SPEED SETTING OUT OF ADJUSTMENT	CLEANED 2A1 GOVERNOR CONNECTOR AND ADJUSTED HYDRAULIC GOV DROOP AND SPEED SETTINGS	A534055
08-16-85	0-LOCL-13-621	DETECTOR HAS PICKED UP AND WILL NOT CLEAR	BAD DETECTOR	REPLACED BAD DETECTOR	A533649

15:49:39 DATE....	09-09-85 COMPONENT.....	ELECTRICAL MAINTENANCE MONTHLY REPORT FOR AUGUST			PAGE 3
		FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..
08-16-85	0-XS-013-Z-138	DETECTOR PICKED UP AND WILL NOT CLEAR	WATER CONDENSATING ON DETECTOR 161E CAUSING CORROSION ON CONTACT POINTS	REMOVED EACH DETECTOR ON ZONE 138 AND CLEANED CONTACT POINTS MR A544574 CORRECTS WATER CONDENSING PROBLEM	A531336
08-16-85	2-GENB-082-000 2A-A	2AA D/G WILL NOT LOAD TO OVER 4200 KW - LOADS SLOWLY	GOVERNOR CONNECTOR DIRTY AND HYDRAULIC GOVERNOR DROOP AND SPEED SETTINGS OUT OF ADJUSTMENT	CLEANED GOVERNOR CONNECTOR AND ADJUSTED HYDRAULIC GOVERNOR	A534055
08-16-85	0-XS-013-Z138	DETECTORS HAVE PICKED UP AND WILL NOT CLEAR	WATER CONDENSATING ON DETECTOR 161E CAUSING CORROSION ON CONTACT POINTS	REMOVED EACH DETECTOR ON ZONE 138 AND CLEANED CONTACT POINTS	A531336
08-19-85	0-RM-90-101	LOW FLOW ALARM ON RADIATION MODIFIER	PUMP #1 WOULD NOT RUN	REPLACED #1 PUMP AND CHECKED FOR PROPER OPERATION	A537142
08-19-85	2-GENE-082-000 2A-A	POOR STABILITY CONTROL WHEN D/G IS FULLY LOADED(440KW)	HYDRAULIC GOVERNOR STOP WAS OUT OF ADJUSTMENT	ADJUSTED HYDRAULIC GOVERNOR STOP	A100340
08-20-85	0-XFD-311-0231	RETERMINATE CABLE V2251 TO DAMPER FUSE LINKS	NEED QUALIFIED CONNECTORS INSTALLED	LIFTED WIRES	A530922
08-20-85	0-XFD-311-231	REPLACE BAD FUSE LINKS	NEED QUALIFIED CONNECTIONS INSTALLED	INSTALLED THREE FUSE LINKS AND TERMINATED WITH NON-INSULATED LUGS AND BOLTS	A542245
08-23-85	1-FCV-062-0059 -B	VALVE POSITION INDICATOR NOT SHOWING ACTUAL VALVE POSITION	VALVE ACTUATOR ARM LOOSE ON STEM PREVENTING SWITCH FROM MAKING UP	TIGHTENED ACTUATOR ARM ON STEM	A536767

15:49:39 DATE....	09-09-85 COMPONENT.....	ELECTRICAL MAINTENANCE MONTHLY REPORT FOR AUGUST				PAGE 4
		FAILURE DESCRIPTION.....	CAUSE OF FAILURE.....	CORRECTIVE ACTION.....	MR.NO..	
08-25-85	0-XFD-31-0905	VERIFY FUSE LINKS ARE PROPERLY TERMINATED.	NEED QUALIFIED CONNECTIONS	RETERMINATED DAMPER LINK CONNECTIONS	A542165	
08-25-85	2-FCV-063-0167	VALVE POSITION INDICATOR NOT SHOWING ACTUAL POSITION	LIMIT SWITCH OUT OF ADJUSTMENT	ADJUSTED LIMIT SWITCHES	A533616	
08-25-85	2-FCV-063-0069 4-A	VALVE WILL NOT HOLD IN OPEN POSITION	VALVE STEM ACTUATOR ARM STRIKER OUT OF ADJUSTMENT	ADJUSTED VALVE STEM ACTUATOR ARM STRIKER	A545154	
08-25-85	2-BKRC-099-KH/ 319-G	REPAIR 'B' BYPASS BREAKER	BREAKER DEFECTIVE DUE TO NORMAL WEAR	REPLACED SLEEVE BEARING ADAPTOR, CIRCUIT BREAKER COVER, CIRCUIT BREAKER TRIPPER, ELECTRIC COIL, INSTALLED AUX CONTACT BLOCKS, CONTROL RELAY AND UNDERVOLTAGE TRIP ASSEMBLY	A101112	
08-26-85	0-XFD-311-0232	REPLACE FUSE LINKS	NEED QUALIFIED CONNECTIONS INSTALLED	INSTALLED FUSE LINKS AND TERMINATED WITH NON-INSULATED LUGS AND BOLTS	A542244	
08-26-85	2-FSV-030-0294	SUCTION DAMPER 294 IS OPEN WHILE INDICATOR LIGHT SHOWS DAMPER THROTTLED	LIMITS OUT OF ADJUSTMENT	ADJUSTED LIMITS AND CHECKED FOR PROPER OPERATION	A292218	
08-27-85	2-0XF-241-RY, R Z, 2C	A, B AND C PHASE TRANSFORMERS GAS RELAYS ARE LEAKING	PLUGS AND FITTINGS WERE OUT OF ADJUSTMENT	TIGHTENED PLUGS, FLANGES AND FITTINGS	A554513	
08-27-85	2-0XF-241-PHAS E A	LEAK ON THE SOUTHEAST CORNER OF TRANSFORMER	PLUG AND CLOSE VALVE OUT OF ADJUSTMENT	TIGHTENED PLUG AND ADJUSTED CLOSE VALVE	A554517	

INSTRUMENT MAINTENANCE

Unit 1

During the performance of SI-196, UHI level switch calibration, 1-LS-87-21 was found out of tech spec tolerance. PRO 1-85-259 was written. ECN 6359 will be worked during this refueling outage to replace these switches.

Stear 84-07 was performed to collect incore noise measurement data. This data will be used by Oak Ridge National Laboratory in their ongoing study.

Unit 2

During the performance of SI-196.2, UHI level switch calibration, all switches were found within tech spec tolerance. Previous history has shown that these switches have a tendency to drift. ECN 6359 will be worked during UIC3 outage to replace these switches.

Completed the initial calibration of the reactor vessel level indicating system.

Common

Completed Stear 85-01 which tested a new style valve and piping arrangement for condensate pots. This design will be used on the pressurizer as the channels are modified during UIC3 and upcoming outages.

Completed a special test on the accoustic valve monitor system to resolve a potential deficiency identified by the vendor as a 10 CFR Part 21 item. We determined that our system did not have the hardware deficiency that was identified.

Continued with PMT-16 all month to support the T.S.C. implementation schedule. With the support of NUC SVS EI&C Branch, a cross check of the EQUIS data base to plant documentation was performed.

Implemented ECN 6407 to reduce the run time of the aux air compressors. The run time was not reduced as desired so O.E. is further evaluating this item.

MR.	COMP	U	FUNC	SYS	ADDRESS	DATE	DESCRIPTION	CORRECTIVE ACTION
A290080	2	PI	062	233A	08/16/85	2-PI-062-233A, PRESS. INDICATOR 2 PI 62 233A NEEDS TO BE CALIB FOR THE QUARTERLY PERFORM. OF SI 304	BAD P INDICATOR. HOOK UP TEMPORARY PRESS IND FOR PERFORM. OF QUARTERLY SI 304 ON TACF 2-84-2004-62	
A301295	0	LT	077	48	08/12/85	0-LT-077-48, #1# CALIBRATE AND PERFORM FUNCTIONAL TEST	XMTR OUT OF CAL AND LINE STOPPED UP. CLEANED LINE AND RECAL XMTR	
A527034	2	PDIS	067	491A/BL	08/27/85	2-PDIS-067-491A/BL, NO WTR REACHING LOW SIDE OF SW	LO SIDE VLV CLOSED. OPENED VLV AND CAL CHECKED	
A527130	2	PI	003	50	08/29/85	2-PI-003-50, #1# PRESS TRANSMITTER IS READING HIGHER THAN THE OTHER 3	XMTR OUT OF CALIBRATION. RECALIBRATE XMTR	
A527931	1	FS	030	242	08/05/85	1-FS-030-242, LO FLOW ALARM IN	NONE. NONE-ALARM IS SUPPOSED TO BE LIT UNLESS FLOW EXCEEDS THE RESET POINT OF FLOW SW	
A528064	2	LT	077	410	08/13/85	2-LT-077-410, RUN INST CAL LOOP AND CHECK LVL IND CAL & M 10	LOSS OF XMTR FILL. REFILLED XMTR AND RECAL REINSTALL AND RETURN TO SERVICE.	
A528164	2	LT	063	177	08/07/85	2-LT-063-177, #1# CHANNEL SHOWING >5% DEVIATION FROM 2 OF THE OTHER 3 CHANNELS. INVESTIGATE AND REPAIR	LOST FILLED LEG ON TRANSMITTER SENSE LINE. REFILLED SENSE LINE, RECALIBRATED TRANSMITTER AND RETURNED TO SERVICE.	
A528192	2	LT	063	46	08/12/85	2-LT-063-46, CUBICLE-INSTRUCTION READING HIGHER THAN OTHER	THE TRANSMITTER WAS OUT OF CALIBRATION. RECALIBRATED THE TRANSMITTER	
A530740	0	PS	039	37A	08/16/85	0-PS-039-37A, REPLACE SW AND TUBING AS NECESSARY. FOUND SW CONTACTS INOP AND PRESS CONNECTION TO SW IN NEED OF REPLACEMENT	BAD SW. REPLACED SW AND TUBING	
A531398	2	PDS	070	104	08/19/85	2-PDS-070-104, TROUBLESHOOT AND REPAIR TO CLEAR THE ALARM ON 0 M 27 0 E	THE TRANSMITTER WAS OUT OF CALIBRATION. RECALIBRATED TRANSMITTER	
A534002	2	PX	092	5007A	08/16/85	2-PX-092-5007A, HV PX FAILED HI WILL NOT REGULATE	BAD PWR SUPPLY. REPLACED PX AND SET VOLTAGE	
A536261	1	LI	063	46	08/21/85	1-LI-063-46, #1# CALIB DOES NOT MATCH 1 LI 63 49	THE TRANSMITTER WAS OUT OF CALIBRATION AND READING HIGH. RECALIBRATED THE TRANSMITTER	
A536262	1	LI	063	49	08/20/85	1-LI-063-49, #1# CALIB DOES NOT MATCH 1 LI 63 46	THE TRANSMITTER WAS OUT OF CALIBRATION. RECALIBRATED THE TRANSMITTER	
A536789	0	PS	032	88A	08/19/85	0-PS-032-88A, #1# AIR COMPRESSOR CONTINUOUSLY LOADS AND UNLOADS AT 5SEC INTERVALS	CALIB HIGH. CHECKED AND RECAL SW	
A541913	1	PT	063	149	08/23/85	1-PT-063-149, CALIB FOR TIME RESPONSE TEST	XMTR OUT OF CAL. RECAL XMTR FOR TIME RESPONSE TEST	
A543928	2	PIC	001	13A	08/22/85	2-PIC-001-13A, CONTROLLER DOES NOT MOVE SMOOTHLY FROM CLOSE TO OPEN	BAD K1 RELAY. REPLACED K1 RELAY AND CLEANED T SW CONTACTS	
A546856	2	LS	062	192	08/20/85	2-LS-062-192, DIST PMP WILL NOT TRIP ON LOW LVL CHECK AND REPAIR	SW OUT OF CAL. RECALIB. 192A AND B SW AND VERIFIED THAT SWITCHES STOP PMP	
A548783	1	PX	092	5004	08/14/85	1-PX-092-5004, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	

CUMP

MR.	COMP	U	FUNC	SYS	ADDRESS	DATE	DESCRIPTION	CORRECTIVE ACTION
A548784	2	PX	092	5003	08/14/85	2-PX-092-5003, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	
A548785	2	PX	092	5004	08/20/85	2-PX-092-5004, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	WRONG CONNECTOR. REPLACED BULKHEAD CONNECTOR	
A548786	1	PX	092	5005	08/13/85	1-PX-092-5005, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	
A548787	1	PX	092	5006	08/14/85	1-PX-092-5006, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	
A548788	2	PX	092	5005	08/15/85	2-PX-092-5005, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	UNQUALIFIED CONNECTOR. REPLACED HI VOLTAGE CONNECTOR	
A548791	2	PX	092	5006	08/20/85	2-PX-092-5006, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	UNQUALIFIED HI VOLTAGE CONNECTOR. REPLACED HI VOLTAGE CONNECTOR	
A560119	1	XA	055	6A	08/02/85	1-XA-055-6A, *I* AFTER A COMPUTER FAILURE ALARM DID NOT CLEAR. REACTOR COOLING APPROACHING SAT. TEMP	ALARM WOULDN'T CLEAR. RESET ALARM BIT IN BIT TABLE	
A564907	1	PX	092	5001	08/13/85	1-PX-092-5001, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	
A564908	1	PX	092	5003	08/13/85	1-PX-092-5003, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	
A564909	1	PX	092	5002	08/14/85	1-PX-092-5002, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE CHECKED TO VERIFY HIGH VOLTAGE CONNECTOR WAS CORRECT	
A564910	2	PX	092	5001	08/14/85	2-PX-092-5001, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HI VOLTAGE CONNECTOR WAS CORRECT	
A564911	2	PX	092	5002	08/20/85	2-PX-092-5002, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	
A564912	1	PX	092	5007	08/13/85	1-PX-092-5007, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	
A564913	2	PX	092	5007	08/15/85	2-PX-092-5007, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	
A564914	1	PX	092	5008	08/14/85	1-PX-092-5008, CHECK HV POWER SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	
A564915	2	PX	092	5008	08/20/85	2-PX-092-5008, CHECK HV PWR SUPPLY AMPHENOL BULK HEAD CONNECTOR TO DETERMINE IF IT IS DEFECTIVE	NONE. NONE-CHECKED TO VERIFY THAT HIGH VOLTAGE CONNECTOR WAS CORRECT	

34 records listed.

Mechanical Maintenance Section

August 1985

Unit 0

- 1) MR #536749, a leak was repaired on the letdown sample line at a weld upstream of 1-VLV-62-674.
- 2) Completed the monthly inspection on all diesel generators.
- 3) Completed the yearly inspection on diesel generator 2B-B.
- 4) Per attached.

MR. COPI	U	FUNC	SYS	ADDRESS.	DATE....	DESCRIPTION.....	CORRECTIVE ACTION.....
A126070	0	DOR	410	A181	08/13/85	0-DOR-410-A181, FILL HOLES IN DOOR WITH STEEL SCREWS SI 701	UNKNOWN. HOLES WERE FILLED WITH SCREWS
A126071	0	DOR	410	A194	08/19/85	0-DOR-410-A194, FILL HOLES IN DOOR AND FRAME WITH STEEL SCREWS	UNKNOWN. HOLES IN THE DOOR & FRAME WERE REPLACED WITH STEEL SCREWS.
A126072	0	DOR	410	A195	08/19/85	0-DOR-410-A195, FILL HOLES IN DOOR AND FRAME WITH STEEL SCREWS SI 701	UNKNOWN. HOLES IN THE DOOR & FRAME WERE REPLACED WITH SCREWS.
A126080	0	DOR	410	C27A	08/15/85	0-DOR-410-C27A, REMOVE LOCK SHACKLE AND PLACE STEEL SCREWS IN HOLES SI 701	SCREW HOLES WERE LEFT WHEN THE LOCK SHACKLE WAS REMOVED. THE SCREW HOLES WERE FILLED WITH SCREWS.
A126084	0	DOR	410	C51	08/20/85	0-DOR-410-C51, FILL HOLES IN DOOR AND FRAME WITH SCREWS	UNKNOWN. HOLES IN THE DOOR FRAME WERE FILLED WITH SCREWS
A126085	0	DOR	410	C54A	08/15/85	0-DOR-410-C54A, REMOVE LOCK SHACKLE AND PUT STEEL SCREWS IN DOOR. SI 701	A LOCK SHACKLE WAS REMOVED, LEAKING SCREWHOLE IN THE DOOR. THE HOLES WERE FILLED WITH SCREWS.
A126087	0	DOR	410	D15	08/15/85	0-DOR-410-D15, TIGHTEN MIDDLE HINGE AND FILL HOLES IN DOOR WITH STEEL SCREWS SI 701	NORMAL USE. FILLED HOLES WITH SCREWS AND TIGHTENED ALL LOOSE SCREWS
A126088	0	DOR	410	D16	08/15/85	0-DOR-410-D16, FILL HOLES IN DOOR WITH STEEL SCREWS SI 701	UNKNOWN. HOLES IN THE DOOR WERE REPLACED WITH STEEL SCREWS.
A126089	0	DOR	410	D18	08/15/85	0-DOR-410-D18, FILL HOLES WITH STEEL SCREWS SI 701	UNKNOWN. HOLES IN THE DOOR WERE REPLACED WITH STEEL SCREWS.
A126098	0	DOR	410	A38	08/20/85	0-DOR-410-A38, ADJUST CLEARANCE TO 1/8 INCH	MRM DOOR WAS OUT OF ALIGNMENT. THE TOP HINGE WAS SHIFTED TO MINIMIZE CLEARANCE BETWEEN THE DOOR AND THE DOOR JAM
A522613	2	AMU	030	18	08/09/85	2-AMU-030-18, WELD THE TWO STUDS BACK IN PLACE ON THE MTR BASE EMBEDDED STEEL	VIBRATION IN THE FAN DUE TO FAULTY BEARING BROKE BOTH THE BASE & THE STUDS. THE BROKEN STUDS WERE TAPPED OUT AND REPLACED WITH NEW STUDS. ELECTRICAL MAINTENANCE REPLACED THE BEARINGS.
A536740	1	DOR	088	X28	08/06/85	1-DOR-088-X28, ADJUST DOOR TENSION SO THAT IT WILL PASS ACCEPTANCE CRITERIA OF SI 648	NORMAL USE. ADJUSTED DOOR TENSION TO 1.250 AT 75 POUNDS AND 2.0 INCHES AT 100 POUNDS.
A536742	2	DOR	088	X28	08/19/85	2-DOR-088-X28, ADJUST TENSION OF DOOR TO MEET ACCEPTANCE CRITERIA OF SI 648	NORMAL USE. ADJUSTED DOOR TENSION
A536745	2	DOR	088	X2A	08/07/85	2-DOR-088-X2A, MAKE ADJ ON SWING RODS SO DOOR WILL PASS SI 648	NORMAL USE. ADJUST DOOR TENSION TO 1.250 INCHES AT 75 POUNDS AND 2.0 INCHES AT 100 LBS.
A536746	2	DOR	088	X2A	08/07/85	2-DOR-088-X2A, ADJUST SWING ROD SO DOOR WILL PASS SI 648	NORMAL USE. ADJUSTED DOOR TENSION.
A545737	0	ULV	077	743G	08/16/85	0-ULV-077-743G, ULV IS SUSPECTED OF LEAKING THROUGH	MRM FAILED O-RING. DISASSEMBLED VALVE CLEANED THE VALVE, REPLACED THE O-RING, REASSEMBLED VALVE, & ADJUSTED THE

CLIP

MR.	COMP	U	FUNC	SYS	ADDRESS	DATE	DESCRIPTION	CORRECTIVE ACTION
A545738	0	VLV	077	748J	08/12/85	0-VLV-077-748J, REPLACE VLV DIA	WASTE GAS DECAY THK RELEASE	SETPOINT. WORN DIAPHRAGM. REPLACE THE DIAPHRAGM PER MI-6.5 & MI-11.4
A545739	0	VLV	077	748G	08/12/85	0-VLV-077-748G, REPLACE VLV DIA		WORN DIAPHRAGM. DIAPHRAGM WAS REPLACE PER MI-6.15 & MI-11.4
A545884	2	ENG	082	281	08/16/85	2-ENG-082-281 #NPRD# CLEAN	INSPECT AND HYDO TEST THE LUBE OIL COOLER	N/A. DIESEL ENGINE 28-1 LUBE OIL COOLER WAS CLEANED, INSPECTED, & HYDRO-TESTED PER THE 5-YEAR INSPECTION.
A560208	1	FCV	043	22	08/05/85	1-FCV-043-22. #IR# VLV IS MECHANICALLY BOUND IN THE MID POSITION. INVESTIGATE AND REPAIR		MRM - A DIRTY VLV OPERATOR'S ACTUATOR CAUSED THE STEM TO BIND. THE VLV OPERATOR WAS DISASSEMBLED; CLEANED; REASSEMBLED. AFTER THE VLV WAS BACK IN SERV. THE AIR REGULATOR WAS SET AT 80 PSIG PER DWG N9301064-2
A563934	2	DOR	088	X2A	08/28/85	2-DOR-088 X2A, INVESTIGATE AND REPAIR AIRLOCK DOOR		BROKEN CAM ROLLER. REMOVE THE OVERHEAD CHAIN, REPLACED THE CAM ROLLER & REINSTALLED THE OVERHEAD CHAIN.

21 records listed.

SUMMARY OF WORK COMPLETED

MODIFICATIONS

AUGUST 1985

NUREG 0588

Commenced a reverification program on all 10 CFR 50.49 devices.

APPENDIX R

ECNs 5265, 5435, and 6343 - Fire Doors

Work was started and is continuing on the replacement of doors C49 and C50. Weatherstripping replacement continues.

ECN 6235 - Reroute Various Cables

Work continues with seven workplans in work. Workplan writing is in progress on four additional workplans.

ECN 6305 - Elevation 714 Fire Barrier

Installation of fire wall continues.

ECN 6311 - Operator Extension on PORV

Workplans for all unit 2 work were prepared and placed in the approval cycle. The core drilling for unit 1 has been completed previously. The workplan to install the unit 1 extensions was prepared and placed in the approval cycle.

ECN 6313 - Changeout of Molded Case Circuit Breaker

Work has commenced on this modification.

ECN 6314 - Perform Switchgear Breaker Adjustment

This ECN was completed this period.

ECN 6315 - Replace Fuses

Work on this ECN commenced during this period.

ECN 6319 - Fire Protection Piping

Work was completed on relocating and plugging sprinklers on elevations 714, 734, 749, and 759 in the auxiliary building. Work continues on installation of additional piping and sprinklers.

OTHER ITEMS

ECNs 2783 and 5202 - Fifth Diesel Generator

Work is continuing on providing permanent power to the building. A punchlist has been prepared for remaining work items and cleanup.

ECN 5009 - ERCW Piping Changeout from Carbon Steel to Stainless Steel

Work continues on the ERCW to the auxiliary feedwater/boric acid evaporation area cooler.

ECN 5111 - Semipermanent Power to Temporary Facilities

All conduit for areas A, B, and C has been installed. The 750-kV transformers for areas A, B, and C have been set. Cable pulling will start September 4.

ECN 5111 - High-Pressure Fire Protection to OE Complex

Piping is complete, and hydrostatic testing will be performed after the system is checked for leaks using a dye.

ECNs 5111 and 5503 - Office and Power Stores Facility

The modification to the vending area of elevation 710 will be completed within the next three weeks. The windows in the stairways have been installed. Work is continuing on the remaining punchlist items. Most of the outstanding work consists of exterior items, such as sidewalks, manhole covers, and landscaping.

ECN 5200 - Postaccident Sampling Facility

Rework of postmodification test deficiencies is on hold for the final design of one level loop.

ECN 5237 - Laundry Facility

The HVAC system has been completed and is operable. More work will be required when additional walls are completed.

ECN 5252 - Label Node Voltages in Manholes

Work on this ECN started this time period, with approximately six manholes remaining.

ECN 5347 - Replace Doors C49 and C50 (Electrical Portion)

Work is in progress.

OTHER ITEMS (Continued)

ECN 5373 - Condensate Demineralizer Air Compressor

This project is complete with the exception of minor repairs and functional testing. This will take place in September with the help of a vendor representative.

ECN 5489 - Parking Lot No. 1

Most of the grading work is complete. Gravel is being spread, and paving will be done when the pavers return in September.

ECN 5599 - Fifth Vital Battery

The Appendix R-related conduit wrap is being completed now. The protective coating in the battery room will be applied during September.

ECNs 5609 and 5610 - Makeup Water Treatment Plant

This project is near completion. The septic tank and piping were installed. Work is continuing to complete the remaining punchlist items. Still awaiting design procurement are the stainless steel sump pump and the air compressor.

ECN 5613 - Installation of Emergency Lights

Work has been completed on eight of nine lighting systems. The last one is being held because of defective equipment.

ECN 5620 - Add Instrumentation for Auxiliary Feedwater Pump

Conduit work has commenced, with remaining work placed on hold because of material availability problems.

ECN 5657 - Installation of MSR Drain Valves

The unit 2 workplan to install approximately 150 drain valves is in the approval cycle. Insulation reinstallation on unit 1 still remains incomplete.

ECN 5660 - Blocking Diodes

This modification is complete.

ECN 5664 - Replace Relays in Wells Fargo Alarms

Remaining work has been restarted and will continue during Power Block reconfiguration. Approximately 15 items remain.

OTHER ITEMS (Continued)

ECN 5667 - Safety Injection Flow Elements

A workplan was prepared and approved, and prefabrication was begun for installation during the unit 1 cycle 3 refueling outage.

ECN 5795 - Field Services Building

Fire detection system work is on hold for materials.

ECN 5842 - Cavitating Venture Hangers

Approximately 11 hangers were modified, which completes this work.

ECN 5865 - Relocate Level Alarm LA-77-129

Preoutage work is complete.

ECN 5878 - Modify Entrainment Separator, CDWE

This work was completed, and the CDWE has been returned to service.

ECNs 5932, 5935, 5959, and 6105 - Security Power Block

Work is in process to complete the outstanding punchlist items required for the Physical Security Plan (September 8). Materials are available, and work is on schedule to meet the required completion date.

ECN 5938 - Feedwater Heater Replacement

The platforms and monorails for the unit 1 Nos. 1 and 2 heaters were completed. A load test was performed at 125 percent of rated load. The first two heaters were transported to elevation 685 in the turbine building. Piping removal was started at the end of the month after the unit was shut down.

ECN 5990 - Add Condensate Divert Valve, CDWE

This work was completed, and the CDWE has been returned to service.

ECN 6057 - Cable Tray Covers

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

ECNs 6196, 6402, and 6439 - Pressurizer Work

Workplans were written and approved for the unit 1 cycle 3 refueling outage work.

OTHER ITEMS (Continued)

ECN 6204 - Electrical Penetration Overcurrent Protection

Fuse replacement and fuse block installation are complete. We are waiting for a Technical Specification change to place the circuits in operation.

ECN 6259 - Moisture Separator Reheaters

Workplans were prepared and approved for the unit 1 cycle 3 refueling outage work. Familiarization with contract requirements and options continues.

ECN 6326 - Install Temporary Drain Hose from CDWE to Floor Drain Collector Tank

This work was completed, and the CDWE has been returned to service.

ECN 6351 - Install Demineralized Water Booster Pumps, CDWE

This work was completed, and the CDWE has been returned to service.

ECN 6352 - Fire Protection Isolation Valves

The workplan was prepared and approved. Work was started on the first section and was in process at the end of the month.

ECN 6362 - Install Pad Flanges and Valves for Sample Skid, CDWE

This work was completed, and the CDWE has been returned to service.

ECN 6417 - Install Alternate Seal Water for Pumps, CDWE

Electrical drawings remain to be issued. All mechanical work was completed, and the CDWE has been returned to service.

ECN 6443 - Addition of Women's Restroom in Control Building

The workplan was prepared and approved, and all work is complete with the exception of painting.

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

September 13, 1985

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

Gentlemen:

SEQUOYAH NUCLEAR PLANT - MONTHLY OPERATING REPORT - AUGUST 1985

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

P.R. Wallace

P. R. Wallace
Plant Manager

Enclosure

cc (Enclosure):

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