



Tennessee Valley Authority, Post Office Box 2000, Chattanooga, Tennessee 37479

J. L. Wilson
Vice President, Sequoyah Nuclear Plant

July 15, 1992

U.S. Nuclear Regulatory Commission
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Gentlemen:

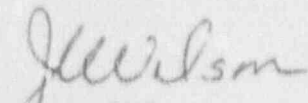
In the Matter of)
Tennessee Valley Authority) Docket Nos. 50-327
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - JUNE 1992 MONTHLY OPERATING REPORT

Enclosed is the June 1992 Monthly Operating Report as required by SQN
Technical Specification 6.9.1.10.

If you have any questions concerning this matter, please call
M. A. Cooper at (615) 843-8924.

Sincerely,


J. L. Wilson

Enclosure
cc: See page 2

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U.S. Nuclear Regulatory Commission
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cc (Enclosure):

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TENNESSEE VALLEY AUTHORITY

NUCLEAR POWER GROUP
SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT
TO THE
NUCLEAR REGULATORY COMMISSION

JUNE 1992

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
JUNE 1992

UNIT 1

Unit 1 generated 837,380 megawatthours (MWh) (gross) electrical power during June, with a capacity factor of 99.95 percent. Unit 1 operated at near 100 percent reactor power throughout the month of June.

UNIT 2

Unit 2 generated 785,324 megawatthours (MWh) (gross) electrical power during June, with a capacity factor of 93.74 percent.

On June 27 at 0953 Central daylight time (CDT), a Unit 2 reactor trip occurred from an over temperature (OT) delta T reactor trip circuit. The Loop 1 reactor coolant system delta T channel was out of service for maintenance activities. The Loop 3 cold leg resistance temperature detector failed low, resulting in Loop 3 OT delta T bistables actuation; therefore, completing the reactor protection system two-out-of-four logic to initiate a reactor trip.

Unit 2 tied online again on June 28 at 1241 CDT, and reached 100 percent reactor power on June 29 at 1800 CDT. Unit 2 continued to operate at 100 percent reactor power through the end of June.

POWER-OPERATED RELIEF VALVES (PORVs) AND SAFETY VALVES SUMMARY

There were no challenges to PORVs or safety valves in June.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 UNIT No. One DATE: 07-09-92
 COMPLETED BY: T. J. Hollomon TELEPHONE: (615) 843-7528
 MONTH: JUNE 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1135	17	1124
2	1135	18	1126
3	1135	19	1124
4	1134	20	1124
5	1134	21	1125
6	1132	22	1124
7	1131	23	1124
8	1130	24	1123
9	1129	25	1122
10	1128	26	1119
11	1125	27	1118
12	1125	28	1116
13	1122	29	1118
14	1122	30	1118
15	1121	31	N/A
16	1127		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 UNIT No. Two DATE: 07-08-92

COMPLETED BY: T. J. Hollomon TELEPHONE: (615) 843-7528

MONTH: JUNE 1992

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1131	17	1126
2	1131	18	1123
3	1130	19	1122
4	1133	20	1122
5	1126	21	1122
6	1129	22	1123
7	1129	23	1123
8	1129	24	1124
9	1127	25	1120
10	1127	26	1119
11	1126	27	444
12	1126	28	95
13	1125	29	691
14	1125	30	1115
15	1126	31	N/A
16	1125		

OPERATING DATA REPORT

DOCKET NO. 50-328
 DATE July 8, 1992
 COMPLETED BY I. J. Holloman
 TELEPHONE (615) 843-7528

OPERATING STATUS

- | | |
|---|---------------------------|
| 1. Unit Name: <u>Sequoyah Unit Two</u>
2. Reporting Period: <u>June 1992</u>
3. Licensed Thermal Power (MWt): <u>3411.0</u>
4. Nameplate Rating (Gross MWe): <u>1220.6</u>
5. Design Electrical Rating (Net MWe): <u>1148.0</u>
6. Maximum Dependable Capacity (Gross MWe): <u>1162.0</u>
7. Maximum Dependable Capacity (Net MWe): <u>1122.0</u> | Notes

 |
|---|---------------------------|
8. If Changes Occur in Capacity Ratings (Item Numbers 3 Through 7) Since Last Report, Give Reasons:

9. Power Level to Which Restricted, If Any (Net MWe): N/A
 10. Reasons For Restrictions If Any: N/A

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period*	<u>721</u>	<u>4,368</u>	<u>88,393</u>
12. Number of Hours Reactor Was Critical	<u>701.8</u>	<u>2,823.5</u>	<u>51,832</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>694.2</u>	<u>2,744.3</u>	<u>50,787.5</u>
15. Unit Reserve Shutdown Hours	<u>0.0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,311,007.7</u>	<u>8,341,748.4</u>	<u>159,269,051</u>
17. Gross Electrical Energy Generated (MWH)	<u>785,324</u>	<u>2,833,320</u>	<u>53,991,611</u>
18. Net Electrical Energy Generated (MWH)	<u>757,195</u>	<u>2,709,600</u>	<u>51,654,564</u>
19. Unit Service Factor	<u>96.3</u>	<u>62.8</u>	<u>57.5</u>
20. Unit Availability Factor	<u>96.3</u>	<u>62.8</u>	<u>57.5</u>
21. Unit Capacity Factor (Using MDC Net)	<u>93.6</u>	<u>55.3</u>	<u>52.1</u>
22. Unit Capacity Factor (Using DER Net)	<u>91.5</u>	<u>54.0</u>	<u>50.9</u>
23. Unit Forced Outage Rate	<u>3.7</u>	<u>2.5</u>	<u>34.9</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):			

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JUNE 1992DOCKET NO: 50-327UNIT NAME: JURDATE: 07/08/92COMPLETED BY: T. J. HollomanTELEPHONE: (615) 843-7528

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
									No activities to report this period.

¹F: Forced
S: Scheduled

²Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training and License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuation of Existing Outage
5-Reduction
9-Other

⁴Exhibit G-Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) File (NUREG-1022)

⁵Exhibit I-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: June 1992DOCKET NO: 50-328UNIT NAME: TwpDATE: 07/08/92COMPLETED BY: T. J. HollomanTELEPHONE: (615) 843-7528

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
4	920627	F	26.8	A	3	328/92008	JG	PEN	<p>At 0953 CDT, Unit 2 reac- tripped from 100 percent power. The trip was the result of a coincident (2/4) logic between Loop 1 and 3 over temperature delta T protection. Loop 1 delta T/T_{avg} channel had been removed from service at 0236 CDT because of spurious alarms and indication. The protection bistables were placed in manual trip when the loop was removed from service for maintenance activities. The second channel, Loop 3, coincidentally failed low, resulting in completion of the reactor protection system logic, initiating a reactor trip. The cause of the failure appears to have occurred as a result of high resistance associated with the RTD penetration. The problems with the RTDs were corrected and returned to service.</p> <p>Unit 2 tied online at 1241 CDT on 6/28/92, and reached 100 percent reactor power at 1800 CDT on 6/29/92.</p>

¹F: Forced
S: Scheduled

²Reason:
A-Equipment Failure (Explain)
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C-Refueling
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Event Report (LER) File
(NUREG-1022)

⁵Exhibit 1-Same Source