



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37379

October 13, 1994

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of
Tennessee Valley Authority

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)

Docket Nos. 50-327
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - SEPTEMBER 1994 MONTHLY OPERATING REPORT

Enclosed is the September 1994 Monthly Operating Report as required by
SQN Technical Specification 6.9.1.10.

If you have any questions concerning this matter, please call
J. W. Proffitt at (615) 843-6651.

Sincerely,

R. H. Shell
Manager
SQN Site Licensing

Enclosure

cc: See page 2

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U.S. Nuclear Regulatory Commission

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October 13, 1994

cc (Enclosure):

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Atlanta, Georgia 30339-5957

Mr. D. E. LaBarge, Project Manager
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Mr. Ted Marston, Director
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NRC Resident Inspector
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Regional Administrator
U.S. Nuclear Regulatory Commission
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101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323-2711

Mr. F. Yost, Director Research Services
Utility Data Institute
1200 G Street, NW, Suite 250
Washington, D.C. 20005

OPERATIONAL SUMMARY
SEPTEMBER 1994

UNIT 1

Unit 1 generated 828,370 megawatthours (MWh) (gross) electrical power during September with a capacity factor of 99.96 percent. There were no power reductions of greater than 20 percent during the month. Unit 1 was operating at 100 percent reactor power at the end of September.

UNIT 2

The Unit 2 Cycle 6 refueling outage continued throughout the month of September. Unit 2 was in "no mode" at the beginning of the month and entered Mode 5 at 1300 EDT on September 21. Unit 2 remained in Mode 5 at the end of September.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 UNIT No. One DATE: 10-01-94
 COMPLETED BY: T. J. Hollomon TELEPHONE: (615) 843-7528
 MONTH: SEPTEMBER 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1119</u>
2	<u>1118</u>
3	<u>1123</u>
4	<u>1122</u>
5	<u>1122</u>
6	<u>1119</u>
7	<u>1123</u>
8	<u>1125</u>
9	<u>1124</u>
10	<u>1004</u>
11	<u>1034</u>
12	<u>1034</u>
13	<u>1091</u>
14	<u>1091</u>
15	<u>1121</u>
16	<u>1121</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>1099</u>
18	<u>1099</u>
19	<u>1124</u>
20	<u>1125</u>
21	<u>1117</u>
22	<u>1125</u>
23	<u>1126</u>
24	<u>1127</u>
25	<u>1129</u>
26	<u>1129</u>
27	<u>1129</u>
28	<u>1131</u>
29	<u>1131</u>
30	<u>1130</u>
31	<u>N/A</u>

OPERATING DATA REPORT

DOCKET NO.	50-327
DATE	10/03/94
COMPLETED BY	T. J. Hollomon
TELEPHONE	(615) 843-7528

OPERATING STATUS

- | | |
|---|--------------------------|
| 1. Unit Name: | <u>Sequoyah Unit One</u> |
| 2. Reporting Period: | <u>September 1994</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>1151.0</u> |
| 7. Maximum Dependable Capacity (Net MWe): | <u>1111.0</u> |
| 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	720	6,551	116,160
12. Number of Hours Reactor Was Critical	720.0	3,965.0	59,994
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	720.0	3,738.7	58,567.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,424,355.4	11,907,537.0	190,801,290
17. Gross Electrical Energy Generated (MWH)	828,370	4,008,680	64,711,334
18. Net Electrical Energy Generated (MWH)	802,001	3,846,711	62,010,748
19. Unit Service Factor	100.0	57.1	50.4
20. Unit Availability Factor	100.0	57.1	50.4
21. Unit Capacity Factor (Using MDC Net)	100.3	52.9	48.1
22. Unit Capacity Factor (Using DER Net)	97.0	51.1	46.5
23. Unit Forced Outage Rate	0.0	4.9	37.3
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:

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328

UNIT No. Two

DATE: 10-01-94

COMPLETED BY: T. J. Hollomon

TELEPHONE: (615) 843-7528

MONTH: SEPTEMBER 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-5
2	-5
3	-5
4	-5
5	-5
6	-7
7	-7
8	-5
9	-7
10	-5
11	-5
12	-7
13	-7
14	-5
15	-5
16	-7

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	-5
18	-5
19	-7
20	-5
21	-7
22	-5
23	-7
24	-7
25	-5
26	-7
27	-5
28	-7
29	-5
30	-5
31	N/A

OPERATING DATA REPORT

DOCKET NO. 50-328
DATE 10/03/94
COMPLETED BY T. J. Hollomon
TELEPHONE (615) 843-7528

OPERATING STATUS

- | | Notes |
|---|-------|
| 1. Unit Name: <u>Sequoyah Unit Two</u> | |
| 2. Reporting Period: <u>September 1994</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>1146.0</u> | |
| 7. Maximum Dependable Capacity (Net MWe): <u>1106.0</u> | |
| 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>720</u>	<u>6,551</u>	<u>108,120</u>
12. Number of Hours Reactor Was Critical	<u>0.0</u>	<u>4,377.7</u>	<u>63,136</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0.0</u>	<u>4,322.5</u>	<u>61,616.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0.0</u>	<u>14,285,939.3</u>	<u>194,048,891</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>4,913,026</u>	<u>65,840,970</u>
18. Net Electrical Energy Generated (MWH)	<u>(4,032)</u>	<u>4,722,955</u>	<u>63,001,241</u>
19. Unit Service Factor	<u>0.0</u>	<u>66.0</u>	<u>57.0</u>
20. Unit Availability Factor	<u>0.0</u>	<u>66.0</u>	<u>57.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>0.0</u>	<u>65.2</u>	<u>52.7</u>
22. Unit Capacity Factor (Using DER Net)	<u>0.0</u>	<u>62.8</u>	<u>50.8</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>2.6</u>	<u>35.5</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: November 10, 1994

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: September 1994
 DOCKET NO: 50-327
 UNIT NAME: One
 DATE: 10/05/94
 COMPLETED BY: T. J. Hollomon
 TELEPHONE: (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
									There were no outages or power reductions of greater than 20 percent to report in September.

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: September 1994DOCKET NO: 50-328UNIT NAME: TwoDATE: 10/05/94COMPLETED BY: T. J. HollomonTELEPHONE: (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
3	940901	S	720.0	C	4				The Unit 2 Cycle 6 refueling outage continued.

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
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4-Continuation of Existing Outage
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⁴Exhibit G-Instructions
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⁵Exhibit I-Same Source