



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

November 14, 1995

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

Gentlemen:

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

SEQUOYAH NUCLEAR PLANT (SQN) - OCTOBER 1995 MONTHLY OPERATING REPORT

Enclosed is the October 1995 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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R PDR

U.S. Nuclear Regulatory Commission  
Page 2  
November 14, 1995

cc (Enclosure):

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TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT

TO THE

NUCLEAR REGULATORY COMMISSION

OCTOBER 1995

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY  
OCTOBER 1995

UNIT 1

The Unit 1 Cycle 7 refueling outage continued throughout the month of October.

UNIT 2

Unit 2 generated 871,540 megawatthours (MWh) (gross) electrical power during October with a capacity factor of 102.1 percent. There were no outages or power reductions of greater than 20 percent to report during October. Unit 2 was operating at 100 percent at the end of October.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327      UNIT No. One      DATE: 11-02-95

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

MONTH: OCTOBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-9	17	-11
2	-6	18	-9
3	-7	19	-11
4	-8	20	-9
5	-7	21	-9
6	-7	22	-11
7	-6	23	-11
8	-6	24	-27
9	-6	25	-23
10	-6	26	-23
11	-6	27	-34
12	-6	28	-27
13	-6	29	-20
14	-9	30	-11
15	-9	31	-16
16	-9		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328      UNIT No. Two      DATE: 11-02-95  
 COMPLETED BY: T. J. Hollemon      TELEPHONE: (615) 843-7528  
 MONTH: OCTOBER 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1129</u>	17	<u>1128</u>
2	<u>1126</u>	18	<u>1129</u>
3	<u>1124</u>	19	<u>1127</u>
4	<u>1121</u>	20	<u>1130</u>
5	<u>1109</u>	21	<u>1132</u>
6	<u>1124</u>	22	<u>1140</u>
7	<u>1129</u>	23	<u>1139</u>
8	<u>1131</u>	24	<u>1139</u>
9	<u>1131</u>	25	<u>1139</u>
10	<u>1129</u>	26	<u>1140</u>
11	<u>1131</u>	27	<u>1141</u>
12	<u>1131</u>	28	<u>1141</u>
13	<u>1128</u>	29	<u>1143</u>
14	<u>1128</u>	30	<u>1142</u>
15	<u>1130</u>	31	<u>1142</u>
16	<u>1129</u>		

OPERATING DATA REPORT

DOCKET NO. 50-327  
 DATE 11/02/95  
 COMPLETED BY T. J. Hollomon  
 TELEPHONE (615) 843-7528

OPERATING STATUS

- |                                                                                                     | Notes |
|-----------------------------------------------------------------------------------------------------|-------|
| 1. Unit Name: <u>Sequoyah Unit One</u>                                                              |       |
| 2. Reporting Period: <u>October 1995</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	<u>745</u>	<u>7,296</u>	<u>125,665</u>
12. Number of Hours Reactor Was Critical	<u>0.0</u>	<u>5,784.1</u>	<u>67,835</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>5,741.2</u>	<u>66,345.5</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>18,180,010.5</u>	<u>215,756,009</u>
17. Gross Electrical Energy Generated (MWH)	<u>0.0</u>	<u>6,241,860</u>	<u>73,292,744</u>
18. Net Electrical Energy Generated (MWH)	<u>(8,760)</u>	<u>5,996,445</u>	<u>70,259,858</u>
19. Unit Service Factor	<u>0.0</u>	<u>78.7</u>	<u>52.8</u>
20. Unit Availability Factor	<u>0.0</u>	<u>78.7</u>	<u>52.8</u>
21. Unit Capacity Factor (Using MOC Net)	<u>-1.1</u>	<u>74.0</u>	<u>50.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>-1.0</u>	<u>71.6</u>	<u>48.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>4.7</u>	<u>34.7</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 9, 1995



OPERATING DATA REPORT

DOCKET NO. 50-328  
 DATE 11/02/95  
 COMPLETED BY T. J. Hollomon  
 TELEPHONE (615) 843-7528

OPERATING STATUS

1. Unit Name: Sequoyah Unit Two
2. Reporting Period: October 1995
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): 1146.0
7. Maximum Dependable Capacity (Net MWe): 1106.0
8. If Changes Occur in Capacity Ratings (Item Numbers 3 Through 7) Since Last Report, Give Reasons:

Notes

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>745</u>	<u>7,296</u>	<u>117,625</u>
12. Number of Hours Reactor Was Critical	<u>745.0</u>	<u>6,798.7</u>	<u>71,155</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>745.0</u>	<u>6,684.1</u>	<u>69,393.8</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,540,266.6</u>	<u>22,333,273.0</u>	<u>219,860,736</u>
17. Gross Electrical Energy Generated (MWH)	<u>871,540</u>	<u>7,597,323</u>	<u>74,604,932</u>
18. Net Electrical Energy Generated (MWH)	<u>843,380</u>	<u>7,323,743</u>	<u>71,437,925</u>
19. Unit Service Factor	<u>100.0</u>	<u>91.6</u>	<u>59.0</u>
20. Unit Availability Factor	<u>100.0</u>	<u>91.6</u>	<u>59.0</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.4</u>	<u>90.8</u>	<u>54.9</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.6</u>	<u>87.4</u>	<u>52.9</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>8.4</u>	<u>33.3</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: October 1995

DOCKET NO: 50-327  
 UNIT NAME: One  
 DATE: 10/02/95  
 COMPLETED BY: T. J. Hollomon  
 TELEPHONE: (615) 843-7528

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
5	951001	S	745	C	4				Unit 1 was removed from the grid at 0123 EDT on September 9 for the Unit 1 Cycle 7 refueling outage. The Unit 1 Cycle 7 refueling outage continued throughout the month of October.

<sup>1</sup>F: Forced  
 S: Scheduled

<sup>2</sup> Reason:  
 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)

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

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

<sup>5</sup>Exhibit I-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: October 1995

DOCKET NO: 50-328  
 UNIT NAME: Two  
 DATE: 11/02/95  
 COMPLETED BY: T. J. Hollomon  
 TELEPHONE: (615) 843-7528

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
									There were no outages or power reductions of greater than 20 percent to report during October.

<sup>1</sup>F: Forced  
 S: Scheduled

<sup>2</sup> Reason:  
 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)

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

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