



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

October 9, 1996

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 1996 MONTHLY
OPERATING REPORT

Enclosed is the September 1996 Monthly Operating Report as required by SQN
Technical Specification 6.9.1.10.

If you have any questions concerning this matter, please telephone
J. W. Proffitt at (423) 843-6651.

Sincerely,

R. H. Shell

R. H. Shell
Manager
SQN Site Licensing

Enclosure
cc: See page 2

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PDR ADOCK 05000327
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U.S. Nuclear Regulatory Commission
Page 2
October 9, 1996

cc (Enclosure):

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1200 G Street, NW, Suite 250
Washington, D.C. 20005

TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT

TO THE

NUCLEAR REGULATORY COMMISSION

SEPTEMBER 1996

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
SEPTEMBER 1996

UNIT 1

Unit 1 generated 834,795 megawatthours (MWh) (gross) electrical power during September with a capacity factor of 100.7 percent. There were no outages or power reductions of greater than 20 percent to report during September. Unit 1 was operating at 100 percent reactor power at the end of September.

UNIT 2

Unit 2 generated 834,939 megawatthours (MWh) (gross) electrical power during September with a capacity factor of 101.2 percent. There were no outages or power reductions of greater than 20 percent to report during September. Unit 2 was operating at 100 percent reactor power at the end of September.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327

UNIT NO. One

DATE: 10-02-96

COMPLETED BY: T. J. Hollomon

TELEPHONE: (423) 843-7528

MONTH: SEPTEMBER 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1112
2	1113
3	1113
4	1113
5	1115
6	1112
7	1108
8	1111
9	1112
10	1111
11	1115
12	1117
13	1116
14	1117
15	1117
16	1118

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1120
18	1113
19	1127
20	1129
21	1129
22	1129
23	1128
24	1126
25	1129
26	1128
27	1129
28	1131
29	1133
30	1132
31	NA

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 UNIT NO. Two DATE: 10-02-96

COMPLETED BY: T. J. Hollomon TELEPHONE: (423) 843-7528

MONTH: SEPTEMBER 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1115	17	1124
2	1116	18	1125
3	1115	19	1123
4	1115	20	1126
5	1119	21	1126
6	1117	22	1126
7	1108	23	1124
8	1118	24	1126
9	1116	25	1126
10	1110	26	1126
11	1107	27	1128
12	1113	28	1129
13	1118	29	1130
14	1119	30	1131
15	1119	31	NA
16	1121		

OPERATING DATA REPORT

DOCKET NO. 50-327
 DATE 10/02/96
 COMPLETED BY T. J. Hollomon
 TELEPHONE (423) 843-7528

OPERATING STATUS

Notes

1. Unit Name: Sequoyah Unit One
2. Reporting Period: September 1996
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): 1151.0
7. Maximum Dependable Capacity (Net MWe): 1111.0
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>6,575</u>	<u>133,704</u>
12. Number of Hours Reactor Was Critical	<u>720.0</u>	<u>6,259.3</u>	<u>75,154</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>6,192.7</u>	<u>73,419.1</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWh)	<u>2,453,203.1</u>	<u>20,798,330.6</u>	<u>239,129,746</u>
17. Gross Electrical Energy Generated (MWh)	<u>834,795</u>	<u>7,123,383</u>	<u>81,288,728</u>
18. Net Electrical Energy Generated (MWh)	<u>806,711</u>	<u>6,875,307</u>	<u>77,959,454</u>
19. Unit Service Factor	<u>100.0</u>	<u>94.2</u>	<u>54.9</u>
20. Unit Availability Factor	<u>100.0</u>	<u>94.2</u>	<u>54.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>100.8</u>	<u>94.1</u>	<u>52.5</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.6</u>	<u>91.1</u>	<u>50.8</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.8</u>	<u>32.7</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: _____

OPERATING DATA REPORT

DOCKET NO. 50-328
 DATE 10/02/96
 COMPLETED BY T. J. Hollomon
 TELEPHONE (423) 843-7528

OPERATING STATUS

Notes

1. Unit Name: Sequoyah Unit Two
2. Reporting Period: September 1996
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:

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>6,575</u>	<u>125,664</u>
12. Number of Hours Reactor Was Critical	<u>720.0</u>	<u>5,395.2</u>	<u>77,989</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>720.0</u>	<u>5,341.7</u>	<u>76,117.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWh)	<u>2,451,437.8</u>	<u>17,972,477.4</u>	<u>242,514,074</u>
17. Gross Electrical Energy Generated (MWh)	<u>834,939</u>	<u>6,172,827</u>	<u>82,396,599</u>
18. Net Electrical Energy Generated (MWh)	<u>806,855</u>	<u>5,949,271</u>	<u>78,951,140</u>
19. Unit Service Factor	<u>100.0</u>	<u>81.2</u>	<u>60.6</u>
20. Unit Availability Factor	<u>100.0</u>	<u>81.2</u>	<u>60.6</u>
21. Unit Capacity Factor (Using MDC Net)	<u>101.3</u>	<u>81.8</u>	<u>56.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>97.6</u>	<u>78.8</u>	<u>54.7</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>31.3</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: SEPTEMBER 1996DOCKET NO.: 50-327UNIT NAME: OneDATE: 10/02/96COMPLETED BY: T. J. HollomonTELEPHONE: (423) 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 during September.

¹F: Forced
S: Scheduled

²Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training and License Exam
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 1996DOCKET NO.: 50-328UNIT NAME: TwoDATE: 10/02/96COMPLETED BY: T. J. HollomonTELEPHONE: (423) 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 during September.

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