



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

November 9, 1994

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

Gentlemen:

In the Matter of
Tennessee Valley Authority

)
)

Docket Nos. 50-327
50-328

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

Enclosed is the October 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

R. H. Shell
Manager
SQN Site Licensing

Enclosure
cc: See page 2

150012
9411150430 941031
PDR ADOCK 05000327
R PDR

JE241

U.S. Nuclear Regulator, ~ mission
Page 2
November 9, 1994

cc (Enclosure):

INPO Records Center
Institute of Nuclear Power Operations
700 Galleria Parkway
Atlanta, Georgia 30339-5957

Mr. D. E. LaBarge, Project Manager
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852-2739

Mr. Joseph Santucci, Manager
Advanced Reactor Department
Electric Power Research Institute
3340 Hillview Avenue
Palo Alto, California 94304

NRC Resident Inspector
Sequoyah Nuclear Plant
2600 Igou Ferry Road
Soddy-Daisy, Tennessee 37379-3624

Regional Administration
U.S. Nuclear Regulatory Commission
Office of Inspection and Enforcement
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323-2711

Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323-2711

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

TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT

TO THE

NUCLEAR REGULATORY COMMISSION

OCTOBER 1994

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
OCTOBER 1994

UNIT 1

Unit 1 generated 873,380 megawatthours (MWh) (gross) electrical power during October with a capacity factor of 101.85 percent. Unit 1 was operating at 100 percent reactor power at the end of October.

UNIT 2

The Unit 2 Cycle 6 refueling outage continued throughout the month of October. Unit 2 entered Mode 4 on October 31 at 0627 EST.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 UNIT No. One DATE: 11-01-94

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

MONTH: OCTOBER 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>1130</u>	17	<u>1131</u>
2	<u>1130</u>	18	<u>1132</u>
3	<u>1133</u>	19	<u>1135</u>
4	<u>1130</u>	20	<u>1131</u>
5	<u>1130</u>	21	<u>1129</u>
6	<u>1122</u>	22	<u>1126</u>
7	<u>1124</u>	23	<u>1134</u>
8	<u>1117</u>	24	<u>1128</u>
9	<u>1133</u>	25	<u>1127</u>
10	<u>1132</u>	26	<u>1129</u>
11	<u>1135</u>	27	<u>1132</u>
12	<u>1133</u>	28	<u>1133</u>
13	<u>1133</u>	29	<u>1139</u>
14	<u>1130</u>	30	<u>1138</u>
15	<u>1129</u>	31	<u>1137</u>
16	<u>1129</u>		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 UNIT No. Two DATE: 11-01-94
 COMPLETED BY: T. J. Hollomon TELEPHONE: (615) 843-7528
 MONTH: OCTOBER 1994

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

OPERATING DATA REPORT

DOCKET NO. 50-327
DATE 11/01/94
COMPLETED BY T. J. Hollomon
TELEPHONE (615) 843-7528

OPERATING STATUS

1. Unit Name: Sequoyah Unit One
2. Reporting Period: October 1994
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:

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	745	7,296	116,905
12. Number of Hours Reactor Was Critical	745.0	4,710.0	60,739
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	745.0	4,483.7	59,312.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,538,404.0	14,445,941.0	193,339,694
17. Gross Electrical Energy Generated (MWH)	873,380	4,882,060	65,584,714
18. Net Electrical Energy Generated (MWH)	843,490	4,690,201	62,854,238
19. Unit Service Factor	100.0	61.5	50.7
20. Unit Availability Factor	100.0	61.5	50.7
21. Unit Capacity Factor (Using MDC Net)	101.9	57.9	48.4
22. Unit Capacity Factor (Using DER Net)	98.6	56.0	46.8
23. Unit Forced Outage Rate	0.0	4.1	37.0
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 11/01/94
COMPLETED BY T. J. Hollomon
TELEPHONE (615) 843-7528

OPERATING STATUS

1. Unit Name: Sequoia Unit Two
2. Reporting Period: October 1994
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	745	7,296	108,865
12. Number of Hours Reactor Was Critical	0.0	4,377.7	63,136
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	0.0	4,322.5	61,616.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	0.0	14,285,939.3	194,048,891
17. Gross Electrical Energy Generated (MWH)	0	4,913,026	65,840,970
18. Net Electrical Energy Generated (MWH)	(5,622)	4,717,333	62,995,619
19. Unit Service Factor	0.0	59.2	56.6
20. Unit Availability Factor	0.0	59.2	56.6
21. Unit Capacity Factor (Using MDC Net)	-0.7	58.5	52.3
22. Unit Capacity Factor (Using DER Net)	-0.7	56.3	50.4
23. Unit Forced Outage Rate	0.0	2.6	35.5
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 14, 1994

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: October 1994DOCKET NO: 50-327UNIT NAME: OneDATE: 11/04/94COMPLETED 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
									There were no outages or power reductions of greater than 20 percent to report in October.

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: October 1994

DOCKET NO: 50-328
 UNIT NAME: Two
 DATE: 11/04/94
 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
3	941001	S	745.0	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
 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