



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37384-2000

February 12, 2001

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 - JANUARY MONTHLY OPERATING REPORT**

The enclosure provides the January Monthly Operating Report as required by Sequoyah Technical Specifications Section 6.9.1.10.

If you have any questions concerning this matter, please call me at (423) 843-7170 or J. D. Smith at (423) 843-6672.

Sincerely,



Pedro Salas

Enclosure  
cc: See page 2

IE04

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JDS:JWP:PDW

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**ENCLOSURE**

**TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR PLANT (SQN)**

**MONTHLY OPERATING REPORT**

**JANUARY 2001**

**UNIT 1**

**DOCKET NUMBER 50-327**

**LICENSE NUMBER DPR-77**

**UNIT 2**

**DOCKET NUMBER 50-328**

**LICENSE NUMBER DPR-79**

**OPERATIONAL SUMMARY  
JANUARY 2001**

**I. SEQUOYAH OPERATIONAL SUMMARY**

**UNIT 1**

Unit 1 generated 883,579 megawatthours (MWh) (gross) electrical power during January with a capacity factor of 102.3 percent. Unit 1 operated at 100 percent power throughout the month of January.

**UNIT 2**

Unit 2 generated 883,618 MWh (gross) electrical power during January with a capacity factor of 102.7 percent. Unit 2 operated at 100 percent power throughout the month of January.

**II. CHALLENGES TO THE PRESSURIZER POWER-OPERATED RELIEF VALVES (PORVs) OR PRESSURIZER SAFETY VALVES**

No PORVs or safety valves were challenged in January.

**AVERAGE DAILY UNIT POWER LEVEL**

**DOCKET NO.** 50-327    **UNIT NO.** ONE    **DATE:** February 6, 2001

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

**MONTH:** JANUARY 2001

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1.	1152	17.	1152
2.	1151	18.	1153
3.	1151	19.	1152
4.	1152	20.	1152
5.	1151	21.	1150
6.	1151	22.	1152
7.	1151	23.	1151
8.	1151	24.	1151
9.	1150	25.	1151
10.	1153	26.	1151
11.	1153	27.	1151
12.	1152	28.	1151
13.	1152	29.	1152
14.	1151	30.	1152
15.	1152	31.	1152
16.	1153		

**AVERAGE DAILY UNIT POWER LEVEL**

**DOCKET NO.** 50-328    **UNIT NO.** TWO    **DATE:** February 6, 2001

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

**MONTH:** JANUARY 2001

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1.	<u>1153</u>	17.	<u>1152</u>
2.	<u>1152</u>	18.	<u>1154</u>
3.	<u>1151</u>	19.	<u>1153</u>
4.	<u>1155</u>	20.	<u>1150</u>
5.	<u>1154</u>	21.	<u>1151</u>
6.	<u>1152</u>	22.	<u>1154</u>
7.	<u>1154</u>	23.	<u>1155</u>
8.	<u>1152</u>	24.	<u>1155</u>
9.	<u>1150</u>	25.	<u>1150</u>
10.	<u>1153</u>	26.	<u>1150</u>
11.	<u>1156</u>	27.	<u>1156</u>
12.	<u>1155</u>	28.	<u>1154</u>
13.	<u>1155</u>	29.	<u>1153</u>
14.	<u>1156</u>	30.	<u>1151</u>
15.	<u>1153</u>	31.	<u>1154</u>
16.	<u>1154</u>		

## OPERATING DATA REPORT

Docket No.	50-327
Date:	February 6, 2001
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1. Unit Name:	SQN Unit 1
2. Reporting Period:	January 2001
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):	1161
7. Maximum Dependable Capacity (Net MWe):	1122

8. If changes Occur in Capacity Rating (Item Numbers 3 & 7) Since Last Report, Give Reasons: N/A

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	744	744	171,721
12. Number of Hours Reactor was Critical	744.0	744.0	109,437.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	107,535.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWh)	2,536,070.4	2,536,070.4	353,537,379
17. Gross Electric Energy Generated (MWh)	883,579	883,579	120,811,332
18. Net Electrical Energy Generated (MWh)	857,193	857,193	116,168,768
19. Unit Service Factor	100.0	100.0	62.6
20. Unit Availability Factor	100.0	100.0	62.6
21. Unit Capacity Factor (Using MDC Net)	102.7	102.7	60.3
22. Unit Capacity Factor (Using DER Net)	100.4	100.4	58.9
23. Unit Forced Outage Rate	0.0	0.0	25.6

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): This information is no longer required by NRC.

25. If Shutdown at End of Report Period, Estimate Date of Startup. N/A

## OPERATING DATA REPORT

Docket No.	50-328
Date:	February 6, 2001
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1. Unit Name:	SQN Unit 2
2. Reporting Period:	January 2001
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):	1156
7. Maximum Dependable Capacity (Net MWe):	1117

8. If changes Occur in Capacity Rating (Item Numbers 3 & 7) Since Last Report, Give Reasons: N/A

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	744	744	163,681
12. Number of Hours Reactor was Critical	744.0	744.0	113,490
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	744.0	111,438.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWh)	2,535,933.6	2,535,933.6	359,975,501.1
17. Gross Electric Energy Generated (MWh)	883,618	883,618	122,851,429
18. Net Electrical Energy Generated (MWh)	858,428	858,428	118,100,617
19. Unit Service Factor	100.0	100.0	68.1
20. Unit Availability Factor	100.0	100.0	68.1
21. Unit Capacity Factor (Using MDC Net)	103.3	103.3	64.6
22. Unit Capacity Factor (Using DER Net)	100.5	100.5	62.9
23. Unit Forced Outage Rate	0.0	0.0	24.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): This information is no longer required by NRC.

25. If Shutdown at End of Report Period, Estimate Date of Startup. N/A

**UNIT SHUTDOWNS AND POWER REDUCTIONS  
REPORT MONTH: JANUARY 2001**

**DOCKET NO:** 50-327  
**UNIT NAME:** SQN-1  
**DATE:** February 6, 2001  
**COMPLETED BY:** T. J. Hollomon  
**TELEPHONE:** (423) 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 in the average daily power level during January.

<sup>1</sup>**F: Force**  
**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 (NUREG  
 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: JANUARY 2001**

**DOCKET NO:** 50-328  
**UNIT NAME:** SQN-2  
**DATE:** February 6, 2001  
**COMPLETED BY:** T. J. Hollomon  
**TELEPHONE:** (423) 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 in the average daily power level during January.

<sup>1</sup> **F: Force**  
**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 (NUREG Preparation of Data Entry sheets for Licensee Event Report (LER) File - NUREG - 1022**

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