



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

March 13, 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 - FEBRUARY MONTHLY OPERATING REPORT

The enclosure provides the February 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

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JDS:JWP:PDW

cc (Enclosure):

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY
SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

FEBRUARY 2001

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

**OPERATIONAL SUMMARY
FEBRUARY 2001**

I. SEQUOYAH OPERATIONAL SUMMARY

UNIT 1

Unit 1 generated 797,258 megawatthours (MWh) (gross) electrical power during February with a capacity factor of 102.2 percent. Unit 1 operated at 100 percent power throughout the month of February.

UNIT 2

Unit 2 generated 798,624 MWh (gross) electrical power during February with a capacity factor of 102.8 percent. Unit 2 operated at 100 percent power throughout the month of February.

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

No PORVs or safety valves were challenged in February.

AVERAGE DAILY UNIT POWER LEVEL

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

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

MONTH: FEBRUARY 2001

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1.	1151	17.	1149
2.	1152	18.	1149
3.	1152	19.	1149
4.	1151	20.	1149
5.	1152	21.	1150
6.	1151	22.	1146
7.	1151	23.	1146
8.	1152	24.	1146
9.	1151	25.	1144
10.	1151	26.	1144
11.	1151	27.	1143
12.	1150	28.	1144
13.	1150	29.	NA
14.	1149	30.	NA
15.	1150	31.	NA
16.	1145		

AVERAGE DAILY UNIT POWER LEVEL

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

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

MONTH: FEBRUARY 2001

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1.	1154	17.	1153
2.	1154	18.	1153
3.	1155	19.	1153
4.	1155	20.	1154
5.	1156	21.	1154
6.	1154	22.	1151
7.	1154	23.	1150
8.	1155	24.	1150
9.	1154	25.	1146
10.	1140	26.	1146
11.	1154	27.	1150
12.	1153	28.	1148
13.	1151	29.	NA
14.	1151	30.	NA
15.	1152	31.	NA
16.	1151		

OPERATING DATA REPORT

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

1. Unit Name:	SQN Unit 1
2. Reporting Period:	February 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	672	1,416	172,393
12. Number of Hours Reactor was Critical	672.0	1,416.0	110,109.7
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	672.0	1,416.0	108,207.0
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWh)	2,289,876.0	4,825,946.4	355,827,255
17. Gross Electric Energy Generated (MWh)	797,258	1,680,837	121,608,590
18. Net Electrical Energy Generated (MWh)	772,642	1,629,835	116,941,410
19. Unit Service Factor	100.0	100.0	62.8
20. Unit Availability Factor	100.0	100.0	62.8
21. Unit Capacity Factor (Using MDC Net)	102.5	102.6	60.5
22. Unit Capacity Factor (Using DER Net)	100.2	100.3	59.1
23. Unit Forced Outage Rate	0.0	0.0	25.5

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:	March 6, 2001
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1. Unit Name:	SQN Unit 2
2. Reporting Period:	February 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	672	1,416	164,353
12. Number of Hours Reactor was Critical	672.0	1,416.0	114,162
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	672.0	1,416.0	112,110.1
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWh)	2,289,376.8	4,825,310.4	362,264,877.9
17. Gross Electric Energy Generated (MWh)	798,624	1,682,242	123,650,053
18. Net Electrical Energy Generated (MWh)	774,632	1,633,060	118,875,249
19. Unit Service Factor	100.0	100.0	68.2
20. Unit Availability Factor	100.0	100.0	68.2
21. Unit Capacity Factor (Using MDC Net)	103.2	103.2	64.8
22. Unit Capacity Factor (Using DER Net)	100.4	100.5	63.0
23. Unit Forced Outage Rate	0.0	0.0	24.0

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: FEBRUARY 2001**

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

¹ **F: Force**
S: Scheduled

² **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)

³ **Method**
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continuation of Existing Outage
 5-Reduction
 9-Other

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

⁵ **Exhibit I-Same Source**

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

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

¹ **F: Force**
S: Scheduled

² **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)

³ **Method**
 1-Manual
 2-Manual Scram
 3-Automatic Scram
 4-Continuation of Existing Outage
 5-Reduction
 9-Other

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

⁵ **Exhibit I-Same Source**