



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,

A handwritten signature in black ink, appearing to read "Pedro Salas", written over a horizontal line.

Pedro Salas

Enclosure
cc: See page 2

JE24

U.S. Nuclear Regulatory Commission
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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.	<u>1151</u>	17.	<u>1149</u>
2.	<u>1152</u>	18.	<u>1149</u>
3.	<u>1152</u>	19.	<u>1149</u>
4.	<u>1151</u>	20.	<u>1149</u>
5.	<u>1152</u>	21.	<u>1150</u>
6.	<u>1151</u>	22.	<u>1146</u>
7.	<u>1151</u>	23.	<u>1146</u>
8.	<u>1152</u>	24.	<u>1146</u>
9.	<u>1151</u>	25.	<u>1144</u>
10.	<u>1151</u>	26.	<u>1144</u>
11.	<u>1151</u>	27.	<u>1143</u>
12.	<u>1150</u>	28.	<u>1144</u>
13.	<u>1150</u>	29.	<u>NA</u>
14.	<u>1149</u>	30.	<u>NA</u>
15.	<u>1150</u>	31.	<u>NA</u>
16.	<u>1145</u>		

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

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**