

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

Masoud Bajestani
Site Vice President
Sequoyan Nuclear Plant

September 14, 1999

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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Gentlemen:

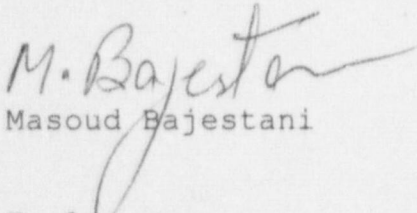
In the Matter of) Docket Nos. 50-327
Tennessee Valley Authority) 50-328

SEQUOYAH NUCLEAR PLANT (SQN) - AUGUST MONTHLY OPERATING REPORT

The enclosure provides the August Monthly Operating Report as required by SQN Technical Specifications Section 6.9.1.10.

If you have any questions concerning this matter, please call me at (423) 843-7001 or Pedro Salas at (423) 843-7170.

Sincerely,


Masoud Bajestani

Enclosure
cc: See page 2

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U.S. Nuclear Regulatory Commission
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cc (Enclosure):

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**OPERATIONAL SUMMARY
AUGUST 1999**

I. SEQUOYAH OPERATIONAL SUMMARY

UNIT 1

Unit 1 generated 857,765 megawatthours (MWh) (gross) electrical power during August with a capacity factor of 99.3 percent. Unit 1 operated near 100 percent power throughout the month of August.

UNIT 2

Unit 2 generated 858,970 MWh (gross) electrical power during August with a capacity factor of 99.9 percent. Unit 2 operated at 100 percent power throughout the month of August.

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

No PORVs or safety valves were challenged in August.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 UNIT NO. ONE DATE: September 9, 1999

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

MONTH: AUGUST 1999

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1.	1119	17.	1112
2.	1119	18.	1114
3.	1119	19.	1113
4.	1117	20.	1111
5.	1118	21.	1112
6.	1114	22.	1112
7.	1112	23.	1119
8.	1115	24.	1118
9.	1116	25.	1117
10.	1114	26.	1120
11.	1116	27.	1118
12.	1116	28.	1120
13.	1114	29.	1118
14.	1100	30.	1120
15.	1109	31.	1120
16.	1112		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 UNIT NO. TWO DATE: September 9, 1999

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

MONTH: AUGUST 1999

<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>	<u>DAY</u>	<u>AVERAGE DAILY POWER LEVEL (MWe-Net)</u>
1.	<u>1116</u>	17.	<u>1115</u>
2.	<u>1121</u>	18.	<u>1112</u>
3.	<u>1120</u>	19.	<u>1115</u>
4.	<u>1118</u>	20.	<u>1115</u>
5.	<u>1117</u>	21.	<u>1113</u>
6.	<u>1118</u>	22.	<u>1115</u>
7.	<u>1117</u>	23.	<u>1119</u>
8.	<u>1116</u>	24.	<u>1118</u>
9.	<u>1119</u>	25.	<u>1122</u>
10.	<u>1115</u>	26.	<u>1122</u>
11.	<u>1116</u>	27.	<u>1119</u>
12.	<u>1118</u>	28.	<u>1122</u>
13.	<u>1114</u>	29.	<u>1122</u>
14.	<u>1109</u>	30.	<u>1121</u>
15.	<u>1110</u>	31.	<u>1121</u>
16.	<u>1113</u>		

OPERATING DATA REPORT

Docket No.	50-327
Date:	September 9, 1999
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1. Unit Name:	SQN Unit 1
2. Reporting Period:	August 1999
3. Licensed Thermal Power (M/Wt):	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	5,831	159,264
12. Number of Hours Reactor was Critical	744.0	5,831.0	98,708
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	5,831.0	96,858.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWh)	2,535,019.2	19,875,632.2	317,797,051
17. Gross Electric Energy Generated (MWh)	857,765	6,857,838	108,473,463
18. Net Electrical Energy Generated (MWh)	829,263	6,639,958	104,245,537
19. Unit Service Factor	100.0	100.0	60.8
20. Unit Availability Factor	100.0	100.0	60.8
21. Unit Capacity Factor (Using MDC Net)	99.3	101.5	58.3
22. Unit Capacity Factor (Using DER Net)	97.1	99.2	57.0
23. Unit Forced Outage Rate	0.0	0.0	27.0

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

OPERATING DATA REPORT

Docket No.	50-328
Date:	September 9, 1999
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1. Unit Name:	SQN Unit 2
2. Reporting Period:	August 1999
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	5,831	151,224
12. Number of Hours Reactor was Critical	744.0	5,297.4	101,627
13. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14. Hours Generator On-Line	744.0	5,274.5	99,606.3
15. Unit Reserve Shutdown Hours	0.0	0.0	0.0
16. Gross Thermal Energy Generated (MWh)	2,536,416.0	16,859,748.3	320,267,222.7
17. Gross Electric Energy Generated (MWh)	858,970	5,815,223	109,147,308
18. Net Electrical Energy Generated (MWh)	833,208	5,625,311	104,830,266
19. Unit Service Factor	100.0	90.5	65.9
20. Unit Availability Factor	100.0	90.5	65.9
21. Unit Capacity Factor (Using MDC Net)	100.3	86.4	62.1
22. Unit Capacity Factor (Using DER Net)	97.6	84.0	60.4
23. Unit Forced Outage Rate	0.0	0.0	26.2

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: AUGUST 1999**

DOCKET NO: 50-327
UNIT NAME: SQN-1
DATE: September 9, 1999
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 August.

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

⁵Exhibit I-Same Source

**UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH: AUGUST 1999**

DOCKET NO: 50-328
UNIT NAME: SQN-2
DATE: September 9, 1999
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 August.

¹ F: Force
S: Schedule

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