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

October 8, 1999

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 (SQN) - SEPTEMBER MONTHLY OPERATING REPORT

The enclosure provides the September 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) 843-7170 or James Smith at (423) 843-6672.

Sincerely,

Pedro Salas

Enclosure
cc: See page 2

IE24
1/1

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

SEPTEMBER 1999

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
SEPTEMBER 1999

I. SEQUOYAH OPERATIONAL SUMMARY

UNIT 1

Unit 1 generated 838,349 megawatthours (MWh) (gross) electrical power during September with a capacity factor of 100.3 percent. Unit 1 operated at 100 percent power throughout the month of September.

UNIT 2

Unit 2 generated 838,066 MWh (gross) electrical power during September with a capacity factor of 100.7 percent. Unit 2 operated at 100 percent power throughout the month of September.

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

No PORVs or safety valves were challenged in September.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 **UNIT NO.** ONE **DATE:** October 6, 1999

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

MONTH: SEPTEMBER 1999

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1121	17.	1131
2.	1121	18.	1133
3.	1121	19.	1134
4.	1123	20.	1134
5.	1120	21.	1134
6.	1120	22.	1136
7.	1120	23.	1138
8.	1120	24.	1138
9.	1120	25.	1138
10.	1121	26.	1138
11.	1122	27.	1138
12	1122	28.	1137
13.	1122	29.	1136
14.	1123	30.	1136
15.	1125	31.	NA
16.	1129		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 UNIT NO. TWO DATE: October 6, 1999

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

MONTH: SEPTEMBER 1999

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1118	17.	1132
2.	1117	18.	1133
3.	1117	19.	1134
4.	1103	20.	1133
5.	1116	21.	1133
6.	1118	22.	1135
7.	1118	23.	1135
8.	1119	24.	1136
9.	1116	25.	1137
10.	1120	26.	1137
11.	1110	27.	1137
12	1120	28.	1134
13.	1121	29.	1133
14.	1120	30.	1133
15.	1123	31.	NA
16.	1128		

OPERATING DATA REPORT

Docket No.	50-328
Date:	October 6, 1999
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1.	Unit Name:	SQN Unit 2
2.	Reporting Period:	September 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	720	6,551	151,944
12.	Number of Hours Reactor was Critical	720.0	6,017.4	102,347
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	720.0	5,994.5	100,326.3
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWh)	2,452,185.6	19,311,933.9	322,719,408.3
17.	Gross Electric Energy Generated (MWh)	838,066	6,653,289	109,985,374
18.	Net Electrical Energy Generated (MWh)	812,192	6,437,503	105,642,458
19.	Unit Service Factor	100.0	91.5	66.0
20.	Unit Availability Factor	100.0	91.5	66.0
21.	Unit Capacity Factor (Using MDC Net)	101.0	88.0	62.2
22.	Unit Capacity Factor (Using DER Net)	98.3	85.6	60.6
23.	Unit Forced Outage Rate	0.0	0.0	26.1

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.	50-327
Date:	October 6, 1999
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1.	Unit Name:	SQN Unit 1
2.	Reporting Period:	September1999
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	720	6,551	159,984
12.	Number of Hours Reactor was Critical	720.0	6,551.0	99,428
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	720.0	6,551.0	97,578.3
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWh)	2,454,016.7	22,329,648.9	320,251,068
17.	Gross Electric Energy Generated (MWh)	838,349	7,696,187	109,311,812
18.	Net Electrical Energy Generated (MWh)	811,359	7,451,317	105,056,896
19.	Unit Service Factor	100.0	100.0	61.0
20.	Unit Availability Factor	100.0	100.0	61.0
21.	Unit Capacity Factor (Using MDC Net)	100.4	101.4	58.5
22.	Unit Capacity Factor (Using DER Net)	98.2	99.1	57.2
23.	Unit Forced Outage Rate	0.0	0.0	26.8

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: SEPTEMBER 1999

DOCKET NO: 50-327
UNIT NAME: SQN-1
DATE: October 6, 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 September.

[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: SEPTEMBER 1999

DOCKET NO: 50-328
UNIT NAME: SQN-2
DATE: October 6, 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 September.

[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**