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

September 15, 2000

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) - 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) 843-7170 or J. D. Smith at (423) 843-6672.

Sincerely,

Pedro Salas

Enclosure
cc: See page 2

IE24

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

AUGUST 2000

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
AUGUST 2000

I. SEQUOYAH OPERATIONAL SUMMARY

UNIT 1

Unit 1 generated 859,555 megawatthours (MWh) (gross) electrical power during August with a capacity factor of 99.5 percent. Unit 1 operated at 100 percent power throughout the month of August.

UNIT 2

Unit 2 generated 854,979 MWh (gross) electrical power during August with a capacity factor of 99.4 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 8, 2000

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

MONTH: AUGUST 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1108	17.	1118
2.	1107	18.	1118
3.	1105	19.	1117
4.	1109	20.	1118
5.	1109	21.	1121
6.	1110	22.	1124
7.	1111	23.	1124
8.	1111	24.	1123
9.	1108	25.	1123
10.	1109	26.	1124
11.	1115	27.	1125
12	1118	28.	1125
13.	1119	29.	1124
14.	1118	30.	1123
15.	1121	31.	1123
16.	1120		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 **UNIT NO.** TWO **DATE:** September 8, 2000

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

MONTH: AUGUST 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1100	17.	1109
2.	1100	18.	1109
3.	1100	19.	1105
4.	1100	20.	1108
5.	1101	21.	1111
6.	1104	22.	1114
7.	1103	23.	1113
8.	1104	24.	1112
9.	1103	25.	1113
10.	1102	26.	1115
11.	1105	27.	1115
12	1105	28.	1116
13.	1107	29.	1115
14.	1108	30.	1114
15.	1111	31.	1113
16.	1108		

OPERATING DATA REPORT

Docket No.	50-327
Date:	September 8, 2000
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1.	Unit Name:	SQN Unit 1
2.	Reporting Period:	August 2000
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	5,855	168,048
12.	Number of Hours Reactor was Critical	744.0	5,271.7	106,909
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	744.0	5,245.0	105,032.3
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWh)	2,536,000.8	17,317,537.4	345,096,040.0
17.	Gross Electric Energy Generated (MWh)	859,555	5,958,300	117,886,547
18.	Net Electrical Energy Generated (MWh)	830,155	5,755,342	113,347,897
19.	Unit Service Factor	100.0	89.6	62.5
20.	Unit Availability Factor	100.0	89.6	62.5
21.	Unit Capacity Factor (Using MDC Net)	99.4	87.6	60.1
22.	Unit Capacity Factor (Using DER Net)	97.2	85.6	58.8
23.	Unit Forced Outage Rate	0.0	0.5	25.4

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 8, 2000
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1.	Unit Name:	SQN Unit 2
2.	Reporting Period:	August 2000
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	5,855	160,008
12.	Number of Hours Reactor was Critical	744.0	5,813.8	110,370
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	744.0	5,806.1	108,341.4
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWh)	2,535,679.2	19,731,659.3	349,980,215.0
17.	Gross Electric Energy Generated (MWh)	854,979	6,786,087	119,388,613
18.	Net Electrical Energy Generated (MWh)	826,027	6,571,277	114,755,199
19.	Unit Service Factor	100.0	99.2	67.7
20.	Unit Availability Factor	100.0	99.2	67.7
21.	Unit Capacity Factor (Using MDC Net)	99.4	100.5	64.2
22.	Unit Capacity Factor (Using DER Net)	96.7	97.8	62.5
23.	Unit Forced Outage Rate	0.0	0.8	24.7

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 2000

DOCKET NO: 50-327
UNIT NAME: SQN-1
DATE: September 8, 2000
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: 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: AUGUST 2000

DOCKET NO: 50-328
UNIT NAME: SQN-2
DATE: September 8, 2000
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: 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**