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

December 11, 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) - NOVEMBER MONTHLY OPERATING REPORT

The enclosure provides the November 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

NOVEMBER 2000

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
NOVEMBER 2000

I. SEQUOYAH OPERATIONAL SUMMARY

UNIT 1

Unit 1 generated 472,842 megawatthours (MWh) (gross) electrical power during November with a capacity factor of 56.6 percent. At the beginning of November, Unit 1 was in a forced outage for maintenance on the No. 4 reactor coolant pump. Unit 1 was returned to service on November 13. Unit 1 was operating at 100 percent power at the end of November.

UNIT 2

Unit 2 generated 361,630 MWh (gross) electrical power during November with a capacity factor of 43.4 percent. Unit 2 was in "no mode" at the beginning of November during the Cycle 10 refueling outage. Unit 2 was returned to operation on November 14.

On November 17 at 0842 EST, with Unit 2 operating at approximately 53 percent power, an unplanned automatic reactor trip occurred as a result of the actuation of the sudden pressure relays on the 'C' phase main transformer. The 24-kV bushings failed causing an electrical fault and actuation of the sudden pressure relays. Unit 2 entered Mode 3. Unit 2 was returned to operation on November 18. Unit 2 operated at 100 percent power through the end of November.

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

No PORVs or safety valves were challenged in November.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 **UNIT NO.** ONE **DATE:** December 4, 2000

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

MONTH: NOVEMBER 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	0	17.	1141
2.	0	18.	1141
3.	0	19.	1139
4.	0	20.	1144
5.	0	21.	1146
6.	0	22.	1147
7.	0	23.	1150
8.	0	24.	1147
9.	0	25.	1149
10.	0	26.	1145
11.	0	27.	1148
12	0	28.	1149
13.	15	29.	1149
14.	685	30.	1148
15.	1133	31.	NA
16.	1136		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 **UNIT NO.** TWO **DATE:** December 4, 2000

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

MONTH: NOVEMBER 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	0	17.	165
2.	0	18.	177
3.	0	19.	704
4.	0	20.	1066
5.	0	21.	1151
6.	0	22.	1153
7.	0	23.	1154
8.	0	24.	1152
9.	0	25.	1153
10.	0	26.	1152
11.	0	27.	1156
12	0	28.	1154
13.	0	29.	1154
14.	0	30.	1152
15.	332	31.	NA
16.	476		

OPERATING DATA REPORT

Docket No.	50-327
Date:	December 5, 2000
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1.	Unit Name:	SQN Unit 1
2.	Reporting Period:	November 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	720	8,040	170,233
12.	Number of Hours Reactor was Critical	427.5	6,312.4	107,950
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	413.3	6,259.7	106,047.0
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWh)	1,362,355.0	20,686,764.8	348,465,267.4
17.	Gross Electric Energy Generated (MWh)	472,842	7,116,260	119,044,507
18.	Net Electrical Energy Generated (MWh)	453,522	6,862,030	114,454,585
19.	Unit Service Factor	57.4	77.9	62.3
20.	Unit Availability Factor	57.4	77.9	62.3
21.	Unit Capacity Factor (Using MDC Net)	56.1	76.1	59.9
22.	Unit Capacity Factor (Using DER Net)	54.9	74.3	58.6
23.	Unit Forced Outage Rate	42.6	16.1	25.9

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:	December 5, 2000
Completed By:	T. J. Hollomon
Telephone:	(423) 843-7528

1.	Unit Name:	SQN Unit 2
2.	Reporting Period:	November 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	720	8,040	162,193
12.	Number of Hours Reactor was Critical	386.2	7,446.0	112,002
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	362.66	7,414.8	109,950.1
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWh)	1,052,677.3	24,655,632.6	354,904,188.3
17.	Gross Electric Energy Generated (MWh)	361,630	8,481,696	121,084,222
18.	Net Electrical Energy Generated (MWh)	343,318	8,200,166	116,384,088
19.	Unit Service Factor	50.4	92.2	67.8
20.	Unit Availability Factor	50.4	92.2	67.8
21.	Unit Capacity Factor (Using MDC Net)	42.7	91.3	64.2
22.	Unit Capacity Factor (Using DER Net)	41.5	88.8	62.5
23.	Unit Forced Outage Rate	6.0	1.0	24.4

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

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH: NOVEMBER 2000

DOCKET NO: 50-327
UNIT NAME: SQN-1
DATE: December 5, 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
5	001101	F	306.7	B	4				On October 6 at 0727 EDT, a shutdown was initiated on Unit 1 following continuing high vibration problems on the No. 4 reactor coolant pump (RCP). The No. 4 RCP was replaced.

[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: NOVEMBER 2000

DOCKET NO: 50-328
UNIT NAME: SQN-2
DATE: December 5, 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
2	001101	S	334.1	C	4				Unit 2 was in "no mode" at the beginning of November for the Cycle 10 refueling outage. Unit 2 was returned to service on November 14.
3	001117	F	23.3	A	3				On November 17 at 0842 EST, Unit 2 experienced and automatic reactor trip The cause of the trip was the failure of a 24-kV bushing on the 'C' Phase main transformer. A diagnostic of the failed bushing is being performed. The 2S main transformer will be repaired and tested before being returned to service. The 2B main transformer was placed in service for the 'C' phase transformer.

[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**