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

May 10, 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) - APRIL MONTHLY OPERATING REPORT

The enclosure provides the April 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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cc (Enclosure):

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

APRIL 2000

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
APRIL 2000

I. SEQUOYAH OPERATIONAL SUMMARY

UNIT 1

Unit 1 generated 852,277 megawatthours (MWh) (gross) electrical power during April with a capacity factor of 102.1 percent. Unit 1 operated at 100 percent power throughout the month of April.

UNIT 2

Unit 2 generated 851,630 MWh (gross) electrical power during April with a capacity factor of 102.5 percent. Unit 2 operated at 100 percent power throughout the month of April.

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

No PORVs or safety valves were challenged in April.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 **UNIT NO.** ONE **DATE:** May 5, 2000

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

MONTH: APRIL 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1147	17.	1149
2.	1149	18.	1150
3.	1150	19.	1149
4.	1148	20.	1147
5.	1149	21.	1147
6.	1149	22.	1151
7.	1151	23.	1148
8.	1148	24.	1148
9.	1148	25.	1148
10.	1148	26.	1148
11.	1152	27.	1148
12	1152	28.	1147
13.	1147	29.	1149
14.	1150	30.	1147
15.	1153	31.	NA
16.	1149		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 **UNIT NO.** TWO **DATE:** May 5, 2000

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

MONTH: APRIL 2000

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1.	1150	17.	1145
2.	1149	18.	1146
3.	1140	19.	1148
4.	1146	20.	1145
5.	1147	21.	1145
6.	1146	22.	1134
7.	1145	23.	1146
8.	1147	24.	1147
9.	1145	25.	1145
10.	1144	26.	1146
11.	1145	27.	1143
12	1145	28.	1146
13.	1145	29.	1143
14.	1143	30.	1145
15.	1148	31.	NA
16.	1146		

OPERATING DATA REPORT

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

1.	Unit Name:	SQN Unit 1
2.	Reporting Period:	April 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	719	2,903	165,096
12.	Number of Hours Reactor was Critical	719.0	2,319.7	103,957
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	719.0	2,293.0	102,080.3
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWh)	2,450,740.3	7,256,468.6	335,034,971.2
17.	Gross Electric Energy Generated (MWh)	852,277	2,529,446	114,457,693
18.	Net Electrical Energy Generated (MWh)	825,789	2,443,620	110,036,175
19.	Unit Service Factor	100.0	79.0	61.8
20.	Unit Availability Factor	100.0	79.0	61.8
21.	Unit Capacity Factor (Using MDC Net)	102.4	75.0	59.4
22.	Unit Capacity Factor (Using DER Net)	100.0	73.3	58.1
23.	Unit Forced Outage Rate	0.0	1.2	26.0

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

1.	Unit Name:	SQN Unit 2
2.	Reporting Period:	April 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	719	2,903	157,056
12.	Number of Hours Reactor was Critical	719.0	2,861.8	107,418
13.	Reactor Reserve Shutdown Hours	0.0	0.0	0.0
14.	Hours Generator On-Line	719.0	2,854.1	105,389.4
15.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
16.	Gross Thermal Energy Generated (MWh)	2,449,674.3	9,672,097.7	339,920,653.4
17.	Gross Electric Energy Generated (MWh)	851,630	3,366,114	115,968,640
18.	Net Electrical Energy Generated (MWh)	825,590	3,266,524	111,450,446
19.	Unit Service Factor	100.0	98.3	67.1
20.	Unit Availability Factor	100.0	98.3	67.1
21.	Unit Capacity Factor (Using MDC Net)	102.8	100.7	63.5
22.	Unit Capacity Factor (Using DER Net)	100.0	98.0	61.8
23.	Unit Forced Outage Rate	0.0	1.7	25.2

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: APRIL 2000

DOCKET NO: 50-327
UNIT NAME: SQN-1
DATE: May 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
									There were no outages or power reductions of greater than 20 percent in the average daily power level during April.

[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: APRIL 2000

DOCKET NO: 50-328
UNIT NAME: SQN-2
DATE: May 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
									There were no outages or power reductions of greater than 20 percent in the average daily power level during April.

[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**