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

April 11, 1996

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) - MARCH 1996 MONTHLY OPERATING REPORT

Enclosed is the March 1996 Monthly Operating Report as required by SQN Technical Specification 6.9.1.10.

If you have any questions concerning this matter, please call J. W. Proffitt at (423) 843-6651.

Sincerely,

R. H. Shell

R. H. Shell
Manager
SQN Site Licensing

Enclosure
cc: See page 2

160055

IE24

cc (Enclosure):

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TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT

TO THE

NUCLEAR REGULATORY COMMISSION

MARCH 1996

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
MARCH 1996

UNIT 1

Unit 1 generated 494,822 megawatthours (MWh) (gross) electrical power during March with a capacity factor of 57.78 percent. Unit 1 was manually removed from service on March 2, 1996, at 0348 EST for a planned maintenance outage for the No. 2 reactor coolant pump motor and seal replacement. Unit 1 was taken critical on March 13 at 2212 EST and was tied to the grid again on March 14 at 0927 EST. Unit 1 reached 100 percent reactor power on March 16 and continued to operate at 100 percent through the end of March.

UNIT 2

Unit 2 generated 880,760 megawatthours (MWh) (gross) electrical power during March with a capacity factor of 103.30 percent. There were no outages or power reductions of greater than 20 percent to report during March. Unit 2 was operating at 100 percent reactor power at the end of March.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 UNIT NO. One DATE: 04-02-96

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

MONTH: MARCH 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1093	17	1140
2	36	18	1144
3	-12	19	1142
4	-12	20	1143
5	-12	21	1146
6	-12	22	1149
7	-12	23	1149
8	-12	24	1145
9	-12	25	1142
10	-16	26	1147
11	-33	27	1144
12	-33	28	1144
13	-35	29	1144
14	127	30	1144
15	570	31	1142
16	893		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 UNIT NO. Two DATE: 04-02-96

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

MONTH: MARCH 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1151	17	1144
2	1150	18	1144
3	1148	19	1143
4	1150	20	1141
5	1151	21	1141
6	1151	22	1145
7	1147	23	1145
8	1154	24	1142
9	1152	25	1141
10	1151	26	1144
11	1150	27	1143
12	1144	28	1143
13	1144	29	1145
14	1144	30	1145
15	1143	31	1144
16	1149		

OPERATING DATA REPORT

DOCKET NO. 50-327
DATE 04/02/96
COMPLETED BY T. J. Hollomon
TELEPHONE (423) 843-7528

OPERATING STATUS

Notes

1. Unit Name: Sequoyah Unit One
2. Reporting Period: March 1996
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): 1151.0
7. Maximum Dependable Capacity (Net MWe): 1111.0
8. If Changes Occur in Capacity Ratings (Item Numbers 3 Through 7) Since Last Report, Give Reasons:

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	2,184	129,313
12. Number of Hours Reactor Was Critical	461.6	1,887.2	70,782
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	450.4	1,835.6	69,062.0
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWh)	1,430,176.2	6,089,819.1	224,421,234
17. Gross Electrical Energy Generated (MWh)	494,822	2,107,588	76,272,933
18. Net Electrical Energy Generated (MWh)	472,646	2,031,036	73,115,183
19. Unit Service Factor	60.5	84.0	53.4
20. Unit Availability Factor	60.5	84.0	53.4
21. Unit Capacity Factor (Using MDC Net)	57.2	83.7	50.9
22. Unit Capacity Factor (Using DER Net)	55.3	81.0	49.3
23. Unit Forced Outage Rate	0.0	0.8	34.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End of Report Period, Estimated Date of Startup:

OPERATING DATA REPORT

DOCKET NO. 50-328
DATE 04/02/96
COMPLETED BY T. J. Hollomon
TELEPHONE (423) 843-7528

OPERATING STATUS

Notes

1. Unit Name: Sequoyah Unit Two
2. Reporting Period: March 1996
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): 1146.0
7. Maximum Dependable Capacity (Net MWe): 1106.0
8. If Changes Occur in Capacity Ratings (Item Numbers 3 Through 7) Since Last Report, Give Reasons:

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	2,184	121,273
12. Number of Hours Reactor Was Critical	744.0	2,184.0	74,778
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744.0	2,184.0	72,960.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWh)	2,532,090.0	7,437,276.4	231,978,873
17. Gross Electrical Energy Generated (MWh)	880,760	2,595,980	78,819,752
18. Net Electrical Energy Generated (MWh)	851,920	2,510,692	75,512,561
19. Unit Service Factor	100.0	100.0	60.2
20. Unit Availability Factor	100.0	100.0	60.2
21. Unit Capacity Factor (Using MDC Net)	103.5	103.9	56.3
22. Unit Capacity Factor (Using DER Net)	99.7	100.1	54.2
23. Unit Forced Outage Rate	0.0	0.0	32.2

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
U2C7 refueling outage is scheduled to begin on April 19, 1996, with a duration of 55 days

25. If Shut Down At End of Report Period, Estimated Date of Startup: _____

DOCKET NO.: 50-327
UNIT NAME: One
DATE: 04/03/96
COMPLETED BY: T. J. Hollomon
TELEPHONE: (423) 843-7528

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MARCH 1996

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	960302	S	293.7	B	1	N/A	AB	P	Unit 1 was manually removed from service for a planned maintenance activity involving the No. 2 reactor coolant pump (RCP) motor and seal replacement. The RCP developed a leak at the No. 3 seal. The leak resulted in boric acid build up on the RCP motor cooler restricting air flow causing an increase in the motor temperature. The RCP motor temperature has been stable for the past month. The RCP was replaced to facilitate future outage needs. Unit 1 was taken critical on March 13 at 2212 EST and was tied to the grid on March 14 at 0927 EST. Unit 1 was operating at 100 percent reactor power again on March 16.

[1]F: Forced
S: Scheduled

[2]Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training and License Exam
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 Preparation of Data Entry sheets for Licensee Event Report (LER) File (NUREG-1022)

[5]Exhibit I - Same Source

DOCKET NO.: 50-328
UNIT NAME: Two
DATE: 04/03/96
COMPLETED BY: T. J. Hollomon
TELEPHONE: (423) 843-7528

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MARCH 1996

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 to report during March.

[1]F: Forced
S: Scheduled

[2]Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training and License Exam
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 Preparation of Data Entry sheets for Licensee Event Report (LER) File (NUREG-1022)

[5]Exhibit I - Same Source