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Ken Powers  
Vice President, Sequoyah Nuclear Plant

April 14, 1994

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 1994 MONTHLY OPERATING REPORT

Enclosed is the March 1994 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 (615) 843-6651.

Sincerely,

Ken Powers

Enclosure  
cc: See page 2

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U.S. Nuclear Regulatory Commission  
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April 14, 1994

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TENNESSEE VALLEY AUTHORITY

NUCLEAR POWER GROUP  
SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT

TO THE

NUCLEAR REGULATORY COMMISSION

MARCH 1994

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY  
MARCH 1994

UNIT 1

The Unit 1 Cycle 6 refueling outage continued. Unit 1 was in Mode 5 at the beginning of the month. Unit 1 entered Mode 4 at 0304 Eastern standard time (EST) on March 26 and entered Mode 3 at 0412 EST on March 30. Unit 1 remained in Mode 3 through the end of the month.

UNIT 2

Unit 2 generated 874,832 megawatthours (MWh) (gross) electrical power during the month with a capacity factor of 102 percent. Unit 2 operated at approximately 100 percent reactor power during March.

**AVERAGE DAILY UNIT POWER LEVEL**

DOCKET NO. 50-327      UNIT No. One      DATE: 04-01-94  
 COMPLETED BY: T. J. Hollomon      TELEPHONE: (615) 843-7528  
 MONTH: MARCH 1994

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

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328      UNIT No. Two      DATE: 04-01-94  
 COMPLETED BY: T. J. Hollomon      TELEPHONE: (615) 843-7528  
 MONTH: MARCH 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1141	17	1136
2	1139	18	1136
3	1141	19	1130
4	1138	20	1119
5	1140	21	1133
6	1135	22	1139
7	1143	23	1138
8	1136	24	1134
9	1135	25	1103
10	1139	26	1140
11	1134	27	1142
12	1133	28	1123
13	1134	29	1121
14	1131	30	1121
15	1132	31	1125
16	1136		

OPERATING DATA REPORT

DOCKET NO. 50-327  
 DATE 04/01/94  
 COMPLETED BY T. J. Hollomon  
 TELEPHONE (615) 843-7528

OPERATING STATUS

	Notes
1. Unit Name: <u>Sequoyah Unit One</u>	
2. Reporting Period: <u>March 1994</u>	
3. Licensed Thermal Power (Mwt): <u>3411.0</u>	
4. Nameplate Rating (Gross MWe): <u>1220.6</u>	
5. Design Electrical Rating (Net MWe): <u>1148.0</u>	
6. Maximum Dependable Capacity (Gross MWe): <u>1151.0</u>	
7. Maximum Dependable Capacity (Net MWe): <u>1111.0</u>	
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	<u>744</u>	<u>2,160</u>	<u>111,769</u>
12. Number of Hours Reactor Was Critical	<u>0</u>	<u>0</u>	<u>56,029</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>0</u>	<u>0</u>	<u>54,828.5</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>178,893,754</u>
17. Gross Electrical Energy Generated (MWH)	<u>0</u>	<u>0</u>	<u>60,702,654</u>
18. Net Electrical Energy Generated (MWH)	<u>-4,745</u>	<u>-12,263</u>	<u>58,151,774</u>
19. Unit Service Factor	<u>0</u>	<u>0</u>	<u>49.1</u>
20. Unit Availability Factor	<u>0</u>	<u>0</u>	<u>49.1</u>
21. Unit Capacity Factor (Using MDC Net)	<u>-0.6</u>	<u>-0.5</u>	<u>46.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>-0.6</u>	<u>-0.5</u>	<u>45.3</u>
23. Unit Forced Outage Rate	<u>0</u>	<u>0</u>	<u>38.7</u>
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: April 15, 1994 (gen sync)

OPERATING DATA REPORT

DOCKET NO. 50-328  
 DATE 04/01/94  
 COMPLETED BY T. J. Hollomon  
 TELEPHONE (615) 843-7528

OPERATING STATUS

- |   | Notes |
|---|-------|
| 1. Unit Name: <u>Sequoyah Unit Two</u>  |       |
| 2. Reporting Period: <u>March 1994</u>  |       |
| 3. Licensed Thermal Power (Mwt): <u>3411.0</u>  |       |
| 4. Nameplate Rating (Gross MWe): <u>1220.6</u>  |       |
| 5. Design Electrical Rating (Net MWe): <u>1148.0</u>  |       |
| 6. Maximum Dependable Capacity (Gross MWe): <u>1146.0</u>   |       |
| 7. Maximum Dependable Capacity (Net MWe): <u>1106.0</u>   |       |
| 8. If Changes Occur in Capacity Ratings (Item Numbers 3 Through 7) Since Last Report, Give Reasons: |       |
| <hr/>   |       |
| 9. Power Level To Which Restricted, If Any (Net MWe): <u>N/A</u>                                    |       |
| 10. Reasons For Restrictions, If Any: <u>N/A</u>  |       |

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	<u>744</u>	<u>2,160</u>	<u>103,729</u>
12. Number of Hours Reactor Was Critical	<u>744.0</u>	<u>2,100.4</u>	<u>60,859</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>744.0</u>	<u>2,046.4</u>	<u>59,339.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWH)	<u>2,530,829.3</u>	<u>6,883,433.5</u>	<u>186,646,385</u>
17. Gross Electrical Energy Generated (MWH)	<u>874,832</u>	<u>2,373,848</u>	<u>63,301,792</u>
18. Net Electrical Energy Generated (MWH)	<u>843,290</u>	<u>2,292,647</u>	<u>60,570,933</u>
19. Unit Service Factor	<u>100.0</u>	<u>94.7</u>	<u>57.2</u>
20. Unit Availability Factor	<u>100.0</u>	<u>94.7</u>	<u>57.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.5</u>	<u>96.0</u>	<u>52.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.7</u>	<u>92.5</u>	<u>50.9</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>5.3</u>	<u>36.4</u>
24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each): <u>Unit 2 Cycle 6 Refueling Outage: July 3, 1994; 67 days</u>			

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



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: March 1994

DOCKET NO: 50-327  
 UNIT NAME: One  
 DATE: 04/07/94  
 COMPLETED BY: T. J. Holloman  
 TELEPHONE: (615) 843-7528

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
1	940301	S	744	C	4	N/A	N/A	N/A	The Unit 1 Cycle 6 refueling outage continued. Unit 1 entered Mode 3 on March 30 at 0412 EST.

<sup>1</sup>F: Forced  
 S: Scheduled

<sup>2</sup>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)

<sup>3</sup>Method:  
 1-Manual  
 2-Manual Scram  
 3-Automatic Scram  
 4-Continuation of Existing Outage  
 5-Reduction  
 9-Other

<sup>4</sup>Exhibit G-Instructions for Preparation of Data Entry sheets for Licensee Event Report (LER) File (NUREG-1022)

<sup>5</sup>Exhibit I-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: March 1994

DOCKET NO: 50-328  
 UNIT NAME: Two  
 DATE: 04/07/94  
 COMPLETED BY: T. J. Holloman  
 TELEPHONE: (615) 843-7528

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report No.	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause and Corrective Action to Prevent Recurrence
									There were no outages or power reductions of greater than 10 percent to report during March.

<sup>1</sup>F: Forced  
 S: Scheduled

<sup>2</sup> 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)

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