



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)
Tennessee Valley Authority)

Docket Nos. 50-327
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
Manager
SQN Site Licensing

Enclosure
cc: See page 2

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U.S. Nuclear Regulatory Commission

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April 11, 1996

cc (Enclosure):

INPO Records Center
Institute of Nuclear Power Operations
700 Galleria Parkway
Atlanta, Georgia 30339-5957

Mr. D. E. LaBarge, Project Manager
U.S. NRC Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852-2739

NRC Resident Inspector
Sequoyah Nuclear Plant
2600 Igou Ferry Road
Soddy-Daisy, Tennessee 37379-3624

Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323-2711

Mr. James Lang, Director
Nuclear Power
Electric Power Research Institute
3412 Hillview Avenue
Palo Alto, California 94304

Mr. F. Yost, Director Research Services
Utility Data Institute
1200 G Street, NW, Suite 250
Washington, D.C. 20005

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)
1	1093
2	36
3	-12
4	-12
5	-12
6	-12
7	-12
8	-12
9	-12
10	-16
11	-33
12	-33
13	-35
14	127
15	570
16	893

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1140
18	1144
19	1142
20	1143
21	1146
22	1149
23	1149
24	1145
25	1142
26	1147
27	1144
28	1144
29	1144
30	1144
31	1142

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

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:

Notes

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

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	<u>744</u>	<u>2,184</u>	<u>121,273</u>
12. Number of Hours Reactor Was Critical	<u>744.0</u>	<u>2,184.0</u>	<u>74,778</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>2,184.0</u>	<u>72,960.2</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWh)	<u>2,532,090.0</u>	<u>7,437,276.4</u>	<u>231,978,873</u>
17. Gross Electrical Energy Generated (MWh)	<u>880,760</u>	<u>2,595,980</u>	<u>78,819,752</u>
18. Net Electrical Energy Generated (MWh)	<u>851,920</u>	<u>2,510,692</u>	<u>75,512,561</u>
19. Unit Service Factor	<u>100.0</u>	<u>100.0</u>	<u>60.2</u>
20. Unit Availability Factor	<u>100.0</u>	<u>100.0</u>	<u>60.2</u>
21. Unit Capacity Factor (Using MDC Net)	<u>103.5</u>	<u>103.9</u>	<u>56.3</u>
22. Unit Capacity Factor (Using DER Net)	<u>99.7</u>	<u>100.1</u>	<u>54.2</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>32.2</u>

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: _____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MARCH 1996DOCKET NO.: 50-327UNIT NAME: OneDATE: 04/03/96COMPLETED BY: T. J. HollomonTELEPHONE: (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	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.

¹F: Forced
S: Scheduled

²Reason:
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)

³Method
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuation of Existing Outage
5-Reduction
9-Other

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

⁵Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MARCH 1996DOCKET NO.: 50-328UNIT NAME: TwoDATE: 04/03/96COMPLETED BY: T. J. HollomonTELEPHONE: (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 to report during March.

¹F: Forced
S: Scheduled

²Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
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