



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

May 15, 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) - APRIL 1996 MONTHLY OPERATING
REPORT

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

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

Sincerely,

R. H. Shell

R. H. Shell
Manager
SQN Site Licensing

Enclosure
cc: See page 2

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PDR ADOCK 05000327
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cc (Enclosure):

Mr. R. W. Hernan, Project Manager
U.S. Nuclear Regulatory Commission
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Regional Administrator
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323-2711

Mr. Joseph Santucci, Manager
Advanced Reactor Department
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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

APRIL 1996

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
APRIL 1996

UNIT 1

Unit 1 generated 846,240 megawatthours (MWh) (gross) electrical power during April with a capacity factor of 102.3 percent. There were no outages or power reductions of greater than 20 percent to report during April. Unit 1 was operating at 100 percent reactor power at the end of April.

UNIT 2

Unit 2 generated 527,260 megawatthours (MWh) (gross) electrical power during April with a capacity factor of 64.0 percent. Unit 2 entered coastdown on April 13 for the Unit 2 Cycle 7 Refueling Outage. Unit 2 was removed from service on April 20 at 0112 EDT.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327

UNIT NO. One

DATE: 05-03-96

COMPLETED BY: T. J. Hollomon

TELEPHONE: (423) 843-7528

MONTH: APRIL 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1139	17	1135
2	1139	18	1136
3	1145	19	1136
4	1146	20	1138
5	1147	21	1138
6	1137	22	1137
7	1142	23	1138
8	1137	24	1137
9	1136	25	1137
10	1136	26	1137
11	1137	27	1137
12	1135	28	1137
13	1136	29	1136
14	1135	30	1136
15	1135	31	N/A
16	1134		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 UNIT NO. Two DATE: 05-03-96

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

MONTH: APRIL 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1141	17	1090
2	1141	18	1080
3	1143	19	957
4	1147	20	-11
5	1148	21	-11
6	1139	22	-7
7	1140	23	-4
8	1138	24	-4
9	1136	25	-4
10	1139	26	-4
11	1139	27	-4
12	1139	28	-4
13	1134	29	-4
14	1117	30	-4
15	1106	31	N/A
16	1101		

OPERATING DATA REPORT

DOCKET NO. 50-327
 DATE 05/03/96
 COMPLETED BY T. J. Hollomon
 TELEPHONE (423) 843-7528

OPERATING STATUS

1. Unit Name: Sequoyah Unit One
2. Reporting Period: April 96
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>719</u>	<u>2,903</u>	<u>130,032</u>
12. Number of Hours Reactor Was Critical	<u>719.0</u>	<u>2,606.2</u>	<u>71,501</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>719.0</u>	<u>2,554.6</u>	<u>69,781.0</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWh)	<u>2,444,867.6</u>	<u>8,534,686.7</u>	<u>226,866,102</u>
17. Gross Electrical Energy Generated (MWh)	<u>846,240</u>	<u>2,953,828</u>	<u>77,119,173</u>
18. Net Electrical Energy Generated (MWh)	<u>816,500</u>	<u>2,847,536</u>	<u>73,931,683</u>
19. Unit Service Factor	<u>100.0</u>	<u>88.0</u>	<u>53.7</u>
20. Unit Availability Factor	<u>100.0</u>	<u>88.0</u>	<u>53.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>102.2</u>	<u>88.3</u>	<u>51.2</u>
22. Unit Capacity Factor (Using DER Net)	<u>98.9</u>	<u>85.4</u>	<u>49.5</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.6</u>	<u>33.8</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 05/03/96
 COMPLETED BY T. J. Hollomon
 TELEPHONE (423) 843-7528

OPERATING STATUS

1. Unit Name: Sequoyah Unit Two
2. Reporting Period: April 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:

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	719	2,903	121,992
12. Number of Hours Reactor Was Critical	456.2	2,640.2	75,234
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	456.2	2,640.2	73,416.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWh)	1,515,095.1	8,952,371.5	233,493,968
17. Gross Electrical Energy Generated (MWh)	527,260	3,123,240	79,347,012
18. Net Electrical Energy Generated (MWh)	506,096	3,016,788	76,018,657
19. Unit Service Factor	63.4	90.9	60.2
20. Unit Availability Factor	63.4	90.9	60.2
21. Unit Capacity Factor (Using MDC Net)	63.6	94.0	56.3
22. Unit Capacity Factor (Using DER Net)	61.3	90.5	54.3
23. Unit Forced Outage Rate	0.0	0.0	32.1
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: June 12, 1996

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: APRIL 1996DOCKET NO.: 50-327UNIT NAME: OneDATE: 05/03/96COMPLETED 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 April.

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: APRIL 1996DOCKET NO.: 50-328UNIT NAME: TwoDATE: 05/03/96COMPLETED BY: T. J. HollomonTELEPHONE: (423) 243-7528

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
1	960420	S	262.8	C	1				Unit 2 was removed from service on April 20 at 0112 EDT for the Cycle 7 refueling outage.

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
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