



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

July 12, 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) - JUNE 1996 MONTHLY OPERATING
REPORT

Enclosed is the June 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
Manager
SQN Site Licensing

Enclosure
cc: See page 2

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U.S. Nuclear Regulatory Commission
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July 12, 1996

cc (Enclosure):

Mr. R. W. Hernan, Project Manager
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852-2739

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

Mr. James Lang, Manager
Advanced Reactor Department
Electric Power Research Institute
3340 Hillview Avenue
Palo Alto, California 94304

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. 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

JUNE 1996

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
JUNE 1996

UNIT 1

Unit 1 generated 768,008 megawatthours (MWh) (gross) electrical power during June with a capacity factor of 92.7 percent. On June 12 at 2000 Eastern daylight time (EDT), a power decrease was initiated for repairs on the 1A main feedwater pump control system. Reactor power was decreased to 63 percent. Reactor power increase was initiated at 1157 EDT on June 14, and the reactor was operating at 100 percent at 2005 EDT on June 14.

On June 23 at 1714 EDT, the Unit 1 reactor tripped as a result of a failure of a 500-kilovolt switchyard Bus 1 Section 1 coupling capacitor potential device (CCPD). Following the investigation of the event and verification that no other plant equipment had been damaged, the reactor was taken critical on June 24 at 1208 EDT. The failed CCPD was spared out-of-service with no affect on unit operation. Unit 1 was tied online on June 25 at 0307 EDT and reached 100 percent power at 2140 that day.

Unit 1 was operating at 100 percent reactor power at the end of June.

UNIT 2

Unit 2 generated 497,598 megawatthours (MWh) (gross) electrical power during June with a capacity factor of 60.3 percent. The Unit 2 Cycle 7 refueling outage ended on June 9 at 1824 EDT when the generator was synchronized to the grid. The turbine was taken offline on June 10 at 1047 EDT for turbine overspeed testing and turbine balancing. Unit 2 was tied to the grid on June 11 at 0255 EDT.

Unit 2 was operating at 100 percent reactor power at the end of June.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 UNIT NO. One DATE: 07-01-96

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

MONTH: JUNE 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1122	17	1123
2	1123	18	1121
3	1122	19	1121
4	1123	20	1121
5	1121	21	1124
6	1122	22	1124
7	1122	23	795
8	1119	24	-33
9	1121	25	539
10	1120	26	1122
11	1123	27	1123
12	1083	28	1126
13	686	29	1125
14	849	30	1123
15	1122	31	NA
16	1122		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328

UNIT NO. Two

DATE: 07-01-96

COMPLETED BY: T. J. Hollomon

TELEPHONE: (423) 843-7528

MCNTH: JUNE 1996

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	-17
2	-15
3	-30
4	-28
5	-30
6	-30
7	-32
8	-30
9	50
10	67
11	170
12	299
13	718
14	835
15	982
16	1101

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	1112
18	1112
19	1106
20	1114
21	1124
22	1125
23	1125
24	1127
25	1126
26	1127
27	1124
28	1124
29	1124
30	1124
31	NA

OPERATING DATA REPORT

DOCKET NO. 50-327
 DATE 07/01/96
 COMPLETED BY T. J. Hollomon
 TELEPHONE (423) 843-7528

OPERATING STATUS

1. Unit Name: Sequoyah Unit One
2. Reporting Period: June 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	720	4,367	131,496
12. Number of Hours Reactor Was Critical	701.1	4,051.3	72,946
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	686.1	3,984.7	71,211.1
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWh)	2,257,394.9	13,324,303.2	231,655,719
17. Gross Electrical Energy Generated (MWh)	768,008	4,592,700	78,758,045
18. Net Electrical Energy Generated (MWh)	739,820	4,428,652	75,512,799
19. Unit Service Factor	95.3	91.2	54.2
20. Unit Availability Factor	95.3	91.2	54.2
21. Unit Capacity Factor (Using MDC Net)	92.5	91.3	51.7
22. Unit Capacity Factor (Using DER Net)	89.5	88.3	50.0
23. Unit Forced Outage Rate	4.7	1.2	33.4
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 07/01/96
 COMPLETED BY T. J. Hollomon
 TELEPHONE (423) 843-7528

OPERATING STATUS

Notes

1. Unit Name: Sequoyah Unit Two
2. Reporting Period: June 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>720</u>	<u>4,367</u>	<u>123,456</u>
12. Number of Hours Reactor Was Critical	<u>547.0</u>	<u>3,187.2</u>	<u>75,781</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
14. Hours Generator On-Line	<u>493.5</u>	<u>3,133.7</u>	<u>73,909.9</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>0</u>
16. Gross Thermal Energy Generated (MWh)	<u>1,497,931.7</u>	<u>10,450,303.2</u>	<u>234,991,900</u>
17. Gross Electrical Energy Generated (MWh)	<u>497,598</u>	<u>3,620,838</u>	<u>79,844,610</u>
18. Net Electrical Energy Generated (MWh)	<u>473,146</u>	<u>3,485,286</u>	<u>76,487,155</u>
19. Unit Service Factor	<u>68.5</u>	<u>71.8</u>	<u>59.9</u>
20. Unit Availability Factor	<u>68.5</u>	<u>71.8</u>	<u>59.9</u>
21. Unit Capacity Factor (Using MDC Net)	<u>59.4</u>	<u>72.2</u>	<u>56.0</u>
22. Unit Capacity Factor (Using DER Net)	<u>57.2</u>	<u>69.5</u>	<u>54.0</u>
23. Unit Forced Outage Rate	<u>0.0</u>	<u>0.0</u>	<u>31.9</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: _____

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JUNE 1996DOCKET NO.: 50-327UNIT NAME: OneDATE: 07/01/96COMPLETED 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
6	960612	S	N/A	B	5	N/A	N/A	N/A	On June 12 at 2000 EDT a power reduction to 63 percent was initiated for repairs on the 1A main feedwater pump control system. The control system problem was the result of the electro-hydraulic converter torque motor bearing being frozen up. The motor was replaced and reactor power increase was initiated at 1157 EDT on June 14.
7	960623	F	33.9	A	3	50-327/96006	EL	XPT	On June 23 at 1714 EDT the Unit 1 reactor tripped as a result of a failure of a 500-kV switchyard Bus 1 Section 1 CCPD device. The cause of the failure appears to be degradation of the lower module causing stress on the other two modules, resulting in the failure. The CCPD was spared out-of-service with no affect on unit operation. The reactor was taken critical again on June 24 at 1208 EDT. Unit 1 was tied online on June 25 at 0307 EDT.

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: JUNE 1996DOCKET NO.: 50-328UNIT NAME: TwoDATE: 07/01/96COMPLETED 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
1	960601	S	210.4	C	4	N/A	N/A	N/a	The Unit 2 Cycle 7 refueling outage ended on June 9 at 1824 EDT when the generator was synchronized to the grid.
2	960610	S	16.1	B	5	N/A	N/A	N/A	The turbine was taken offline on June 10 at 1047 EDT for turbine overspeed testing and turbine balancing. Reactor power was maintained at approximately 25 percent. Unit 2 was tied to the grid on June 11 at 0255 EDT.

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
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⁵Exhibit I - Same Source