



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

September 13, 1996

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of
Tennessee Valley Authority

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)

Docket Nos. 50-327
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - AUGUST 1996 MONTHLY OPERATING
REPORT

Enclosed is the August 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

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Enclosure
cc: See page 2

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U.S. Nuclear Regulatory Commission

Page 2

September 13, 1996

cc (Enclosure):

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TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT

TO THE

NUCLEAR REGULATORY COMMISSION

AUGUST 1996

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
AUGUST 1996

UNIT 1

Unit 1 generated 840,120 megawatthours (MWh) (gross) electrical power during August with a capacity factor of 98.1 percent. On August 2 at 0812 EDT, a power decrease to 62 percent was initiated to allow maintenance on main feedwater pump turbine (MFPT) 1A. Maintenance was completed, and a reactor power increase was initiated on August 3 at 2057 EDT. Unit 1 operated at 100 percent reactor power throughout the remainder of August.

UNIT 2

Unit 2 generated 859,016 megawatthours (MWh) (gross) electrical power during August with a capacity factor of 100.8 percent. Unit 2 operated at 100 percent reactor power throughout the month of August.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 UNIT NO. One DATE: 09-04-96

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

MONTH: AUGUST 1996

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|-----|--|
| 1 | 1082 | 17 | 1118 |
| 2 | 841 | 18 | 1117 |
| 3 | 702 | 19 | 1118 |
| 4 | 1116 | 20 | 1118 |
| 5 | 1114 | 21 | 1117 |
| 6 | 1114 | 22 | 1117 |
| 7 | 1114 | 23 | 1115 |
| 8 | 1111 | 24 | 1114 |
| 9 | 1113 | 25 | 1115 |
| 10 | 1113 | 26 | 1115 |
| 11 | 1111 | 27 | 1114 |
| 12 | 1109 | 28 | 1117 |
| 13 | 1116 | 29 | 1118 |
| 14 | 1115 | 30 | 1119 |
| 15 | 1117 | 31 | 1116 |
| 16 | 1119 | | |

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328

UNIT NO. Two

DATE: 09-04-96

COMPLETED BY: T. J. Hollomon

TELEPHONE: (423) 843-7528

MONTH: AUGUST 1996

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 1 | 1112 |
| 2 | 1115 |
| 3 | 1118 |
| 4 | 1118 |
| 5 | 1117 |
| 6 | 1116 |
| 7 | 1113 |
| 8 | 1114 |
| 9 | 1112 |
| 10 | 1112 |
| 11 | 1114 |
| 12 | 1116 |
| 13 | 1115 |
| 14 | 1116 |
| 15 | 1118 |
| 16 | 1118 |

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|-----|--|
| 17 | 1117 |
| 18 | 1116 |
| 19 | 1115 |
| 20 | 1115 |
| 21 | 1115 |
| 22 | 1112 |
| 23 | 1112 |
| 24 | 1113 |
| 25 | 1113 |
| 26 | 1113 |
| 27 | 1115 |
| 28 | 1115 |
| 29 | 1115 |
| 30 | 1116 |
| 31 | 1116 |

OPERATING DATA REPORT

DOCKET NO. 50-327
 DATE 09/04/96
 COMPLETED BY T. J. Hollomon
 TELEPHONE (423) 843-7528

OPERATING STATUS

1. Unit Name: Sequoyah Unit One
2. Reporting Period: August 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 | 744 | 5,855 | 132,984 |
| 12. Number of Hours Reactor Was Critical | 744.0 | 5,539.3 | 74,434 |
| 13. Reactor Reserve Shutdown Hours | 0 | 0 | 0 |
| 14. Hours Generator On-Line | 744.0 | 5,472.7 | 72,699.1 |
| 15. Unit Reserve Shutdown Hours | 0 | 0 | 0 |
| 16. Gross Thermal Energy Generated (MWh) | 2,486,074.4 | 18,345,127.5 | 236,676,543 |
| 17. Gross Electrical Energy Generated (MWh) | 840,120 | 6,288,588 | 80,453,933 |
| 18. Net Electrical Energy Generated (MWh) | 812,232 | 6,068,596 | 77,152,743 |
| 19. Unit Service Factor | 100.0 | 93.5 | 54.7 |
| 20. Unit Availability Factor | 100.0 | 93.5 | 54.7 |
| 21. Unit Capacity Factor (Using MDC Net) | 98.3 | 93.3 | 52.2 |
| 22. Unit Capacity Factor (Using DER Net) | 95.1 | 90.3 | 50.5 |
| 23. Unit Forced Outage Rate | 0.0 | 0.9 | 32.9 |
| 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 09/04/96
 COMPLETED BY T. J. Hollomon
 TELEPHONE (423) 843-7528

OPERATING STATUS

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

Notes

| | This Month | Yr-to-Date | Cumulative |
|--|--------------------|---------------------|--------------------|
| 11. Hours in Reporting Period | <u>744</u> | <u>5,855</u> | <u>124,944</u> |
| 12. Number of Hours Reactor Was Critical | <u>744.0</u> | <u>4,675.2</u> | <u>77,269</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>4,621.7</u> | <u>75,397.9</u> |
| 15. Unit Reserve Shutdown Hours | <u>0</u> | <u>0</u> | <u>0</u> |
| 16. Gross Thermal Energy Generated (MWh) | <u>2,535,479.4</u> | <u>15,521,039.6</u> | <u>240,062,636</u> |
| 17. Gross Electrical Energy Generated (MWh) | <u>859,016</u> | <u>5,337,888</u> | <u>81,561,660</u> |
| 18. Net Electrical Energy Generated (MWh) | <u>829,000</u> | <u>5,142,416</u> | <u>78,144,285</u> |
| 19. Unit Service Factor | <u>100.0</u> | <u>78.9</u> | <u>60.3</u> |
| 20. Unit Availability Factor | <u>100.0</u> | <u>78.9</u> | <u>60.3</u> |
| 21. Unit Capacity Factor (Using MDC Net) | <u>100.7</u> | <u>79.4</u> | <u>56.5</u> |
| 22. Unit Capacity Factor (Using DER Net) | <u>97.1</u> | <u>76.5</u> | <u>54.5</u> |
| 23. Unit Forced Outage Rate | <u>0.0</u> | <u>0.0</u> | <u>31.5</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: AUGUST 1996DOCKET NO.: 50-327UNIT NAME: OneDATE: 09/04/96COMPLETED 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 |
|-----|--------|-------------------|---------------------|---------------------|---|---------------------------------|-----------------------------|--------------------------------|--|
| 8 | 960802 | F | N/A | A | 5 | N/A | N/A | N/A | On August 2 at 0812 EDT, a reactor power decrease was initiated to allow repairs on MFPT 1A following the failure of the EHC converter torque motor. The cause was a random failure of the EHC converter torque motor. The EHC converter torque motor was replaced, and the equipment was returned to service. |

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: AUGUST 1996DOCKET NO.: 50-328UNIT NAME: TwoDATE: 09/04/96COMPLETED 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 August. |

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)

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1-Manual
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