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

Ken Powers
Vice President, Sequoyah Nuclear Plant

June 15, 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) - MAY 1994 MONTHLY OPERATING REPORT

Enclosed is the May 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

Ken Powers

Enclosure
cc: See page 2

JE24

cc (Enclosure):

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U.S. Nuclear Regulatory Commission
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TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT

TO THE

NUCLEAR REGULATORY COMMISSION

MAY 1994

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
MAY 1994

UNIT 1

Unit 1 generated 661,130 megawatthours (MWh) (gross) electrical power during May with a capacity factor of 77.2 percent.

On May 1 at 0140 EDT with Unit 1 operating at approximately 50 percent power, a reactor trip occurred as a result of the loss of the 1A main feedwater pump (MFP). The 1B MFP was out of service for maintenance. The cause of the trip was personnel error. As part of the 1B MFP maintenance, the alternating-current oil pump for the 1B MFP was to be tagged out. Operations personnel inadvertently opened the 1A MFP oil pump breaker. When the breaker was deenergized, the oil pressure dropped below the setpoint, causing the MFP to trip. With the 1B MFP already in the tripped condition, a turbine trip and subsequent reactor trip occurred. Unit 1 entered Mode 3.

Unit 1 was critical on May 4 at 0027 EDT, entered Mode 1 on May 5 at 1052 EDT, and was tied online at 1825 EDT on May 5.

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

UNIT 2

Unit 2 generated 869,762 megawatthours (MWh) (gross) electrical power during May with a capacity factor of 102.0 percent. Unit 2 operated at near 100 percent reactor power during the month of May.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 UNIT No. One DATE: 06-01-94

COMPLETED BY: T. J. Hollomon TELEPHONE: (615) 843-7528

MONTH: MAY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	21	17	1123
2	-16	18	1126
3	-14	19	1134
4	-14	20	1135
5	12	21	984
6	389	22	1074
7	525	23	1133
8	747	24	1133
9	869	25	1134
10	872	26	1114
11	889	27	1093
12	901	28	1144
13	1095	29	1146
14	1113	30	1147
15	1112	31	1147
16	1121		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 UNIT No. Two DATE: 06-01-94

COMPLETED BY: T. J. Hollomon TELEPHONE: (615) 843-7528

MONTH: MAY 1994

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1120	17	1133
2	1120	18	1132
3	1120	19	1132
4	1122	20	1138
5	1120	21	1127
6	1131	22	1132
7	1135	23	1119
8	1132	24	1132
9	1141	25	1127
10	1074	26	1130
11	1111	27	1130
12	1131	28	1127
13	1127	29	1127
14	1134	30	1128
15	1129	31	1127
16	1132		

OPERATING DATA REPORT

DOCKET NO. 50-327
DATE 06/01/94
COMPLETED BY T. J. Hollomon
TELEPHONE (615) 843-7528

OPERATING STATUS

Notes

1. Unit Name: Sequoyah Unit One
2. Reporting Period: May 1994
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:

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	3,623	113,232
12. Number of Hours Reactor Was Critical	673.2	1,093.8	57,123
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	631.3	891.7	55,720.2
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,948,705.2	2,379,464.2	181,273,218
17. Gross Electrical Energy Generated (MWH)	661,130	780,520	61,483,174
18. Net Electrical Energy Generated (MWH)	635,812	728,777	58,892,814
19. Unit Service Factor	84.8	24.6	49.2
20. Unit Availability Factor	84.8	24.6	49.2
21. Unit Capacity Factor (Using MDC Net)	76.9	18.1	46.8
22. Unit Capacity Factor (Using DER Net)	74.4	17.5	45.3
23. Unit Forced Outage Rate	15.1	11.2	38.4

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 06/01/94
COMPLETED BY T. J. Hollomon
TELEPHONE (615) 843-7528

OPERATING STATUS

Notes

1. Unit Name: Sequoyah Unit Two
2. Reporting Period: May 1994
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	744	3,623	105,192
12. Number of Hours Reactor Was Critical	744.0	3,563.4	62,322
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	744.0	3,509.4	60,802.9
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,535,186.2	11,863,400.2	191,626,352
17. Gross Electrical Energy Generated (MWH)	869,762	4,086,597	65,014,541
18. Net Electrical Energy Generated (MWH)	839,618	3,940,104	62,218,390
19. Unit Service Factor	100.0	96.9	57.8
20. Unit Availability Factor	100.0	96.9	57.8
21. Unit Capacity Factor (Using MDC Net)	102.0	98.3	53.5
22. Unit Capacity Factor (Using DER Net)	98.3	94.7	51.5
23. Unit Forced Outage Rate	0.0	3.1	35.8

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Unit 2 Cycle 6 Refueling Outage scheduled to begin 07/04/94 with duration of 95 days.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: May 1994

DOCKET NO: 50-327
UNIT NAME: One
DATE: 06/01/94
COMPLETED BY: T. J. Hollomon
TELEPHONE: (615) 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
3	940501	F	112.8	G	3	327/94008	SJ	SL	On May 1, a reactor trip occurred as a result of the loss of the 1A main feedwater pump (MFP). The cause of the trip was personnel error. As part of the 1B MFP maintenance activity, the alternating-current oil pump for the 1B MFP was to be tagged out. Operations personnel inadvertently opened the 1A MFP oil pump breaker. When the breaker was deenergized, the oil pressure dropped below set-point, and the MFP tripped. The appropriate disciplinary action was taken with the involved individual. Unit 1 entered Mode 3. Unit 1 was critical on May 4 at 0027 EDT, entered Mode 1 on May 5 at 1052 EDT, and was tied online at 1825 EDT on May 5.

[1] F: Forced
S: Scheduled

[2] Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restruction
E-Operator Training and License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

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

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

[5] Exhibit I-Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: May 1994

DOCKET NO: 50-323
UNIT NAME: Two
DATE: 06/01/94
COMPLETED BY: T. J. Hollomon
TELEPHONE: (615) 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 May.

[1] F: Forced
S: Scheduled

[2] Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restruction
E-Operator Training and License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

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

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

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