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

March 15, 1995

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) - FEBRUARY 1995 MONTHLY OPERATING REPORT

Enclosed is the February 1995 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,

R. H. Shell
Manager
SQN Site Licensing

Enclosure
cc: See page 2

IE24
1/1

cc (Enclosure):

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TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT

TO THE

NUCLEAR REGULATORY COMMISSION

FEBRUARY 1995

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATIONAL SUMMARY
FEBRUARY 1995

UNIT 1

Unit 1 generated 639,850 megawatthours (MWh) (gross) electrical power during February with a capacity factor of 82.7 percent.

On February 23 at approximately 1600 EST, with the reactor operating at 100 percent power, Unit 1 experienced a reactor coolant system (RCS) leak at a compression fitting on a reactor vessel level indicating system (RVLIS) line in the incore instrument room. A notice of unusual event was declared at 1715 EST as a result of an RCS unidentified leakage in excess of the technical specification limit. At 1717 EST, an emergency shutdown was initiated. The generator was taken offline at 1811 EST, and Unit 1 entered Mode 2 at 1810 EST. The Unit 1 reactor was taken subcritical, and the reactor trip breakers were opened at 1826 EST. On February 24 at 0029 EST, Unit 1 entered Mode 4.

Unit 1 remained in Mode 4 through the end of February as inspection continued on RVLIS compression fittings.

UNIT 2

Unit 2 generated 784,510 megawatthours (MWh) (gross) electrical power during February with a capacity factor 99.3 percent. Unit 2 operated at near 100 percent reactor power throughout the month of February.

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-327 UNIT No. One DATE: 03-02-95

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

MONTH: FEBRUARY 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1149	17	1127
2	[illegible]	18	998
3	1153	19	1041
4	1143	20	1147
5	1146	21	1151
6	1153	22	1154
7	1150	23	851
8	1149	24	-28
9	1149	25	-30
10	1150	26	-28
11	1151	27	-26
12	1150	28	-28
13	1151	29	N/A
14	1154	30	N/A
15	1151	31	N/A
16	1150		

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-328 UNIT No. Two DATE: 03-02-95

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

MONTH: FEBRUARY 1995

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	1140	17	1137
2	1139	18	1132
3	1140	19	1138
4	1137	20	1137
5	1139	21	1137
6	1136	22	1140
7	1136	23	1138
8	1136	24	1142
9	1138	25	1143
10	1110	26	1142
11	1108	27	1143
12	1107	28	1143
13	1113	29	N/A
14	1119	30	N/A
15	1121	31	N/A
16	1112		

OPERATING DATA REPORT

DOCKET NO. 50-327
DATE 03/02/95
COMPLETED BY T. J. Hollomon
TELEPHONE (615) 843-7528

OPERATING STATUS

	Notes
1. Unit Name: Sequoyah Unit One	
2. Reporting Period: February 1995	
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	672	1,416	119,785
12. Number of Hours Reactor Was Critical	546.4	1,290.4	63,340
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	546.2	1,290.2	61,894.5
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	1,837,960.3	4,371,863.7	201,[illegible],860
17. Gross Electrical Energy Generated (MWH)	639,850	1,524,710	68,575,594
18. Net Electrical Energy Generated (MWH)	616,194	1,473,880	65,737,293
19. Unit Service Factor	81.3	91.1	51.7
20. Unit Availability Factor	81.3	91.1	51.7
21. Unit Capacity Factor (Using MDC Net)	82.5	93.7	49.4
22. Unit Capacity Factor (Using DER Net)	79.9	90.7	47.8
23. Unit Forced Outage Rate	18.7	8.9	36.2

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 03/02/95
COMPLETED BY T. J. Hollomon
TELEPHONE (615) 843-7528

OPERATING STATUS

Notes

1. Unit Name: Sequoyah Unit Two
2. Reporting Period: February 1995
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	672	1,416	111,745
12. Number of Hours Reactor Was Critical	672.0	1,393.7	65,750
13. Reactor Reserve Shutdown Hours	0	0	0
14. Hours Generator On-Line	672.0	1,354.7	64,064.4
15. Unit Reserve Shutdown Hours	0	0	0
16. Gross Thermal Energy Generated (MWH)	2,275,606.6	4,473,893.2	202,001,356
17. Gross Electrical Energy Generated (MWH)	784,510	1,537,493	68,545,102
18. Net Electrical Energy Generated (MWH)	758,230	1,482,037	65,696,219
19. Unit Service Factor	100.0	95.7	57.3
20. Unit Availability Factor	100.0	95.7	57.3
21. Unit Capacity Factor (Using MDC Net)	102.0	94.6	53.1
22. Unit Capacity Factor (Using DER Net)	98.3	91.2	51.1
23. Unit Forced Outage Rate	0.0	4.3	34.7

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: February 1995

DOCKET NO: 50-327
UNIT NAME: One
DATE: 03/03/95
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
1	950223	F	125.8	A	1	50-327/95002	AB	N/A	At approximately 1600 EST, with the reactor operating at 100 percent power, Unit 1 experienced an RCS leak at a compression fitting on a RVLIS line in the incore instrument room. This event was initiated by a failed compression fitting on the RVLIS. An inspection of the fitting and tubing indicated that the tubing pulled out of the tee. The ferrule remained inside the nut attached to the compression tee. The force required to remove the nut was less than expected, indicating that the compression fitting was not properly assembled. The failed fitting was repaired. Approximately 450 fittings were inspected; approximately 151 indeterminate fittings were identified. Thirty-nine of the 151 indeterminate fittings were disassembled and found to be properly installed. Therefore, a high level of confidence exists in the reliability of the compression fitting joints at Sequoyah. A long-term action plan for the inspection of other systems and the Unit 2 fittings will be determined. Fittings that were determined to have incorrectly installed ferrules were corrected as appropriate.

[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: February 1995

DOCKET NO: 50-328
UNIT NAME: Two
DATE: 03/03/95
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 February.

[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
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9-Other

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

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