

January 13, 2003

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 - DECEMBER MONTHLY OPERATING REPORT

The enclosure provides the December Monthly Operating Report as required by Sequoyah Technical Specification Section 6.9.1.10.

This letter is being sent in accordance with NRC RIS 2001-05. There are no commitments associated with this letter. If you have any questions concerning this matter, please call me at (423) 843-7170 or J. D. Smith at (423) 843-6672.

Sincerely,

Original signed by

Pedro Salas
Licensing and Industry Affairs Manager

Enclosure

cc (Enclosure):

Mr. Raj K. Anand, Senior Project Manager
U.S. Nuclear Regulatory Commission
MS O-8G9
One White Flint Pike
11555 Rockville Pike
Rockville, Maryland 20852-2739

ENCLOSURE

TENNESSEE VALLEY AUTHORITY
SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

DECEMBER 2002

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

OPERATING DATA REPORT

Docket No. 50-327
 Unit Name SQN Unit 1
 Date January 3, 2003
 Completed By Tanya Hollomon
 Telephone (423) 843-7528
 Reporting Period December 2002

1. Design Electrical Rating (Net MWe): 1160
2. Maximum Dependable Capacity (MWe-Net) 1125

	Month	Yr-to-Date	Cumulative
3. Number of Hours Reactor was Critical	744.0	8,760.0	125,465.8
4. Hours Generator On-Line	744.0	8,760.0	123,540.6
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	858,192	9,953,530	134,284,090

Docket No. 50-328
 Unit Name SQN Unit 2
 Date January 3, 2003
 Completed By Tanya Hollomon
 Telephone (423) 843-7528
 Reporting Period December 2002

1. Design Electrical Rating (Net MWe): 1160
2. Maximum Dependable Capacity (MWe-Net): 1126

	Month	Yr-to-Date	Cumulative
3. Number of Hours Reactor was Critical	616.3	7,719.2	129,225.5
4. Hours Generator On-Line	616.3	7,643.6	127,097.6
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	708,787	8,542,042	135,724,102

UNIT SHUTDOWNS

DOCKET NO: 50-327
UNIT NAME: SQN-1
DATE: January 3, 2003
COMPLETED BY: Tanya Hollomon
TELEPHONE: (423) 843-7528

REPORT PERIOD: DECEMBER 2002

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason ¹	Method of Shutting Down Reactor ²	Cause and Corrective Action to Prevent Recurrence
						No power reductions of greater than 20 percent during December 2002.

Summary : Unit 1 operated at 100 percent power throughout the month of December with a capacity factor of 102.3 percent. No PORVs or safety valves were challenged in December.

¹ Reason:

A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training / License Examination
 F-Administrative
 G-Operational Error (Explain)
 H- Other (Explain)

² Method

1-Manual
 2-Manual Trip/Scram
 3-Automatic Trip/Scram
 4-Continuation Outage
 5-Other (Explain)

UNIT SHUTDOWNS

DOCKET NO: 50-328
UNIT NAME: SQN-2
DATE: January 3, 2003
COMPLETED BY: Tanya Hollomon
TELEPHONE: (423) 843-7528

REPORT PERIOD: DECEMBER 2002

No.	Date	Type F:Forced S:Scheduled	Duration (Hours)	Reason ¹	Method of Shutting Down Reactor ²	Cause and Corrective Action to Prevent Recurrence
2	021226	F	127.7	A	3	Unit 2 experienced an unplanned automatic scram on December 26, 2002, at 1640 Eastern Standard Time. The cause of the trip was an over-current ground fault on the No.3 reactor coolant pump motor. The motor was replaced. Unit 2 was in Mode 5 at the end of the month.

Summary: Unit 2 was operating at 100 percent power until the December 26 scram. Unit 2 capacity factor for December was 84.7 percent.
 No power operated relief valves or safety valves were challenged in December.

¹ Reason:

A-Equipment Failure (Explain)
 B-Maintenance or Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training / License Examination
 F-Administrative
 G-Operational Error (Explain)
 H- Other (Explain)

² Method

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