



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37384-2000

February 14, 2003

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

Gentlemen:

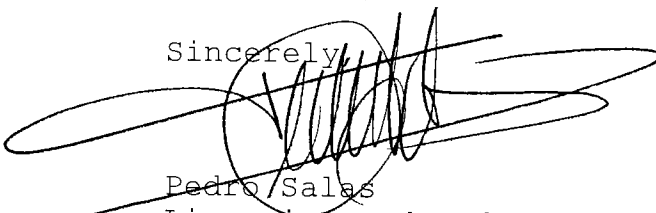
In the Matter of )  
Tennessee Valley Authority ) Docket Nos. 50-327  
50-328

**SEQUOYAH NUCLEAR PLANT - JANUARY MONTHLY OPERATING REPORT**

The enclosure provides the January 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. If you have any questions concerning this matter, please call me at (423) 843-7170 or J. D. Smith at (423) 843-6672.

Sincerely,



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 North  
11555 Rockville Pike  
Rockville, Maryland 20852-2739

ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

JANUARY 2003

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 February 5, 2003  
 Completed By Tanya Hollomon  
 Telephone (423) 843-7528  
 Reporting Period January 2003  
 1. Design Electrical Rating (Net MWe): 1160  
 2. Maximum Dependable Capacity (MWe-Net) 1125

	<b>Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours Reactor was Critical	744.0	744.0	126,209.8
4. Hours Generator On-Line	744.0	744.0	124,284.6
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	857,474	857,474	135,141,564

Docket No. 50-328  
 Unit Name SQN Unit 2  
 Date February 5, 2003  
 Completed By Tanya Hollomon  
 Telephone (423) 843-7528  
 Reporting Period January 2003  
 1. Design Electrical Rating (Net MWe): 1160  
 2. Maximum Dependable Capacity (MWe-Net): 1126

	<b>Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours Reactor was Critical	611.8	611.8	129,837.3
4. Hours Generator On-Line	606.0	606.0	127,703.6
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	680,674	680,674	136,404,776

**UNIT SHUTDOWNS**

**DOCKET NO:** 50-327  
**UNIT NAME:** SQN-1  
**DATE:** February 5, 2003  
**COMPLETED BY:** Tanya Hollomon  
**TELEPHONE:** (423) 843-7528

**REPORT PERIOD: JANUARY 2003**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down Reactor <sup>2</sup>	Cause and Corrective Action to Prevent Recurrence
						No power reductions of greater than 20 percent during January 2003.

Summary: Unit 1 operated at 100 percent power throughout the month of January with a capacity factor of 102 percent. No PORVs or safety valves were challenged in January.

<sup>1</sup> 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)

<sup>2</sup> 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:** February 5, 2003  
**COMPLETED BY:** Tanya Hollomon  
**TELEPHONE:** (423) 843-7528

**REPORT PERIOD: JANUARY 2003**

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down Reactor <sup>2</sup>	Cause and Corrective Action to Prevent Recurrence
2	030101	F	138.0	A	4	Unit 2 remained in Mode 5 at the beginning of January following the December 26 unplanned automatic scram.

**Summary:** Unit 2 remained in Mode 5 at the beginning of January. Unit 2 was taken critical on January 6 at 1210 EST and was returned to the grid at 1801 EST. Unit 2 reached 100 percent reactor thermal power on January 8 at 0723 EST and operated at 100 percent reactor power throughout the remainder of the month. Unit 2 capacity factor for January was 81 percent. No PORVs or safety valves were challenged in January.

<sup>1</sup> 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)

<sup>2</sup> Method

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