

April 14, 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 - MARCH MONTHLY OPERATING REPORT**

The enclosure provides the March 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,

**Original signed by**

Pedro Salas  
Licensing and Industry Affairs Manager

Enclosure

cc (Enclosure):

Mr. Michael L. Marshall, Jr., Senior Project Manager  
U.S. Nuclear Regulatory Commission  
MS O-8G9A  
One White Flint North  
11555 Rockville Pike  
Rockville, Maryland 20852-2739

ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

MARCH 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 April 9, 2003  
 Completed By Tanya Hollomon  
 Telephone (423) 843-7528  
 Reporting Period **MARCH 2003**

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	387.2	1,803.2	127,269.0
4. Hours Generator On-Line	387.2	1,803.2	125,343.8
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	440,279	2,072,987	136,357,077

Docket No. 50-328  
 Unit Name SQN Unit 2  
 Date April 9, 2003  
 Completed By Tanya Hollomon  
 Telephone (423) 843-7528  
 Reporting Period **MARCH 2003**

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	472.9	1,756.7	130,982.2
4. Hours Generator On-Line	433.3	1,711.3	128,808.9
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	448,781	1,903,937	137,628,039

## UNIT SHUTDOWNS

**DOCKET NO:** 50-327  
**UNIT NAME:** SQN-1  
**DATE:** April 9, 2003  
**COMPLETED BY:** Tanya Hollomon  
**TELEPHONE:** (423) 843-7528

**REPORT PERIOD: MARCH 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
1	030317	S	356.8	C	1	Unit 1 was removed from service at 0312 on March 17 to enter U1C12 refueling outage. Core offload was completed on March 24 at 1858 EST.

Summary : Unit 1 gross maximum dependable capacity factor was 52.6 percent for the month of March. Unit 1 entered coastdown for the U1C12 refueling outage on March 3, 2003. The unit was taken offline on March 17 at 0312 EST for the outage and was defueled at the end of March.

**<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-ContinuationOutage
- 5-Other (Explain)

## UNIT SHUTDOWNS

**DOCKET NO:** 50-328  
**UNIT NAME:** SQN-2  
**DATE:** April 9, 2003  
**COMPLETED BY:** Tanya Hollomon  
**TELEPHONE:** (423) 843-7528

### REPORT PERIOD: MARCH 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	030310	F	158.9	A	2	Initiated manual reactor scram following loss of the 2B hotwell pump and both No. 7 heater drain tank (HDT) pumps. The cause of this event was the tolerance of the off-normal condition of the No. 7 HDT outlet valve being dogged open coincident with the electrical failure of the 2B hotwell pump motor resulting in low and unstable condensate system pressure. The motor was replaced and the valve was repaired. The unit was returned to service.
3	030324	F	151.8	A	1	Initiated manual shutdown following indications of generator gas leakage into the stator cooling water system. A hydrogen gas pipe had developed a leak because of a manufacture defect and system vibration. The pipe was replaced and the system was returned to service.

**Summary:** Unit 2 gross maximum dependable capacity factor was 54.7 percent for the month of March. Unit 2 was operating at 100 percent power until March 10 when a manual reactor scram was initiated following loss of 2B hotwell pump and both No. 7 heater drain tank pumps. Unit 2 was returned to service and operating at 100 percent on March 19. On March 24 at 0854 EST a manual shutdown was initiated following indications of generator gas leakage into the stator cooling water system. Unit 2 was returned to service and operating at 95 percent power at the end of March.

**<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)