

May 8, 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 - APRIL MONTHLY OPERATING REPORT**

The enclosure provides the April 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

APRIL 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 May 6, 2003, 2003  
 Completed By Tanya Hollomon  
 Telephone (423) 843-7528  
 Reporting Period April 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	0.0	1,803.2	127,269.0
4. Hours Generator On-Line	0.0	1,803.2	125,343.8
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	0	2,071,307	136,355,397

Docket No. 50-328  
 Unit Name SQN Unit 2  
 Date May 6, 2003  
 Completed By Tanya Hollomon  
 Telephone (423) 843-7528  
 Reporting Period April 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	692.9	2,449.6	131,675.1
4. Hours Generator On-Line	688.2	2,399.5	129,497.1
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	774,210	2,678,147	138,402,249

## UNIT SHUTDOWNS

**DOCKET NO:** 50-327  
**UNIT NAME:** SQN-1  
**DATE:** May 6, 2003  
**COMPLETED BY:** Tanya Hollomon  
**TELEPHONE:** (423) 843-7528

### REPORT PERIOD: APRIL 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	030401	S	719.0	C	4	Unit 1 Cycle 12 refueling and steam generator replacement outage continued throughout the month of April.

Summary: Unit 1 Cycle 12 refueling and steam generator replacement outage continued throughout the month of April. Unit 1 was in “No Mode” at the end of the month.

#### <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:** May 6, 2003  
**COMPLETED BY:** Tanya Hollomon  
**TELEPHONE:** (423) 843-7528

### REPORT PERIOD: APRIL 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
4	030412	F	30.8	A	3	On April 12 at 2221 EDT, Unit 2 Operations personnel opened Vibration Power Drawer No. 1, to reset a trip light on No. 7 turbine bearing. After resetting the trip light, Operations proceeded to place the drawer back into its normal position. Upon sliding the drawer back into the panel, a spurious turbine vibration trip signal occurred, initiating an automatic turbine trip and subsequent reactor trip. Investigation determined that the drawer wiring had pinched several wires exposing some conductors. When the drawer was inserted, it is suspected that one of the exposed conductors shorted against the cabinet casing or shorted with another exposed conductor which led to relay energizing. A temporary alteration was implemented to lift the wire from the relay preventing this kind of failure from reoccurring.

**Summary:** Unit 2 gross maximum dependable capacity factor was 95.4 percent for the month of April. Unit 2 was operating at 95 percent power at the beginning of April and reached 100 percent on April 1. On April 12 at 2221 EDT, Unit 2 experienced an automatic reactor trip following a turbine high vibration turbine trip. The unit was returned to service at 0510 EDT on April 14, 2003. Unit 2 continued to operate at 100 percent reactor power throughout the remainder of the month.

#### <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)