

August 14, 2002

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 - JULY MONTHLY OPERATING REPORT**

The enclosure provides the July Monthly Operating Report as required by Sequoyah Technical Specifications 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

ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

JULY 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 August 6, 2002  
 Completed By Renee McKaig  
 Telephone (423) 843-8963

Reporting Period

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	744.0	5,087.0	121,792.8
4.	Hours Generator On-Line	744.0	5,087.0	119,867.6
5.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWh)	824,221	5,793,461	130,124,021

Docket No. 50-328  
 Unit Name SQN Unit 2  
 Date August 6, 2002  
 Completed By Renee McKaig  
 Telephone (423) 843-8963

Reporting Period

1. Design Electrical Rating (Net MWe): 1160
2. Maximum Dependable Capacity (MWe-Net): 1120

		<b>Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3.	Number of Hours Reactor was Critical	703.9	4,173.8	125,680.0
4.	Hours Generator On-Line	694.9	4,098.3	123,552.3
5.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWh)	754,397	4,546,941	131,729,001

## UNIT SHUTDOWNS

**DOCKET NO:** 50-327  
**UNIT NAME:** SQN-1  
**DATE:** August 6, 2002  
**COMPLETED BY:** Renee McKaig  
**TELEPHONE:** (423) 843-8963

### REPORT PERIOD: JULY 2002

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 July 2002.

Summary : Unit 1 operated at 100 percent power throughout the month of July with a capacity factor of 98.7 percent. No PORVs or safety valves were challenged in July.

**<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:** August 6, 2002  
**COMPLETED BY:** Renee McKaig  
**TELEPHONE:** (423) 843-8963

### REPORT PERIOD: JULY 2002

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	020712	F	49.1	A	3	Unit 2 experienced a reactor trip on July 12 at 2223 Eastern Daylight Time (EDT), resulting from a reactor coolant pump undervoltage condition initiating the reactor trip. The cause of the event was the failure of the alternate feeder breaker for Start Bus 2B to function properly when being returned to its normal configuration. A diagnostic of the breaker is being performed and will be repaired or replace as necessary.

Summary: Unit 2 experienced a reactor trip on July 12 and was returned to service on July 14. Unit 2 capacity factor for July was 91.3 percent. No PORVs or safety valves were challenged in July. A design change has been implemented on Unit 2 increasing the Design Electrical Rating and the Maximum Dependable Capacity.

#### <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)