



U.S. Nuclear Regulatory Commission  
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September 11, 2003

PS:JDS:JWP:KTS

cc (Enclosure):

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ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

AUGUST 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 September 8, 2003  
 Completed By Tanya Hollomon  
 Telephone (423) 843-7528  
 Reporting Period August 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	664.6	3,593.7	129,059.5
4. Hours Generator On-Line	664.1	3,531.9	127,072.5
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	759,290	3,963,048	138,247,138

Docket No. 50-328  
 Unit Name SQN Unit 2  
 Date September 8, 2003  
 Completed By Tanya Hollomon  
 Telephone (423) 843-7528  
 Reporting Period August 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	744.0	5,401.6	134,627.1
4. Hours Generator On-Line	744.0	5,351.5	132,449.1
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	826,581	5,994,061	141,718,163

## UNIT SHUTDOWNS

**DOCKET NO:** 50-327  
**UNIT NAME:** SQN-1  
**DATE:** September 8, 2003  
**COMPLETED BY:** Tanya Hollomon  
**TELEPHONE:** (423) 843-7528

### REPORT PERIOD: AUGUST 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
3	030828	F	79.9	G	2	Unit 1 was manually tripped following a main generator trip while Operations personnel were performing a quarterly simulated oil trip test on the main turbine causing a 100 percent loss of load to the unit. The initiating cause of the event was a closed instrument isolation valve to one of the turbine auto-stop oil pressure switches. The most likely causes of the event were determined to be a failure to properly implement the valve verification process or a failure to maintain proper configuration control. The pressure switch was tested and returned to service. A verification of valve positions was performed, no additional misalignment of valves were identified. Unit 1 remained offline at the end of the month.

Summary: Unit 1 gross maximum dependable capacity factor was 90.6 percent for the month of August.

**<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:** September 8, 2003  
**COMPLETED BY:** Tanya Hollomon  
**TELEPHONE:** (423) 843-7528

### REPORT PERIOD: AUGUST 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
						None

Summary: Unit 2 gross maximum dependable capacity factor was 98.4 percent for the month of August.

**<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)