



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

May 14, 2001

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

Gentlemen:

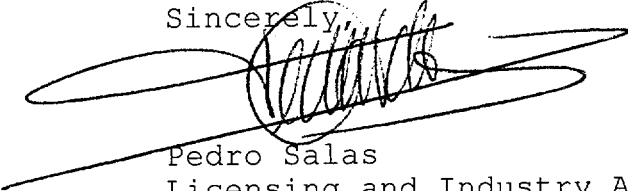
In the Matter of ) Docket Nos. 50-327  
Tennessee Valley Authority ) 50-328

**SEQUOYAH NUCLEAR PLANT (SQN) - APRIL MONTHLY OPERATING REPORT**

The enclosure provides the April Monthly Operating Report as required by SQN Technical Specifications Section 6.9.1.10.

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: See page 2

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JDS:JWP:SJM

cc (Enclosure):

Mr. R. W. Hernan, Project Manager  
U.S. Nuclear Regulatory Commission  
One White Flint, North  
11555 Rockville Pike  
Rockville, Maryland 20852-2739

INPO Records Center  
Institute of Nuclear Power Operations  
700 Galleria Parkway  
Atlanta, Georgia 30339-5947

Ms. Barbara Lewis, Assistant Editor, Database  
McGraw-Hill, Inc.  
1200 G Street, NW, Suite 1100  
Washington, D.C. 20005

NRC Resident Inspector  
Sequoyah Nuclear Plant  
2600 Igou Ferry Road  
Soddy-Daisy, Tennessee 37384-3624

Regional Administrator  
U.S. Nuclear Regulatory Commission  
Region II  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW, Suite 23T85  
Atlanta, Georgia 30303-3415

ENCLOSURE

TENNESSEE VALLEY AUTHORITY  
SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

APRIL 2001

UNIT 1

DOCKET NUMBER 50-327

LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328

LICENSE NUMBER DPR-79

**OPERATIONAL SUMMARY**  
**April 2001**

**I. SEQUOYAH OPERATIONAL SUMMARY**

**UNIT 1**

Unit 1 generated 851,181 megawatthours (MWh) (gross) electrical power during April with a capacity factor of 102.0 percent. Unit 1 operated at 100 percent power throughout the month of April.

**UNIT 2**

Unit 2 generated 853,014 MWh (gross) electrical power during April with a capacity factor of 102.6 percent. Unit 2 operated at 100 percent power throughout the month of April.

**II. CHALLENGES TO THE PRESSURIZER POWER-OPERATED RELIEF VALVES (PORVs) OR PRESSURIZER SAFETY VALVES**

No PORVs or safety valves were challenged in April.

## OPERATING DATA REPORT

Docket No. 50-327  
 Unit Name SQN Unit 1  
 Date May 3, 2001  
 Completed By T. J. Hollomon  
 Telephone (423) 843-7528

Reporting Period

1. Design Electrical Rating (Net MWe): 1148
2. Maximum Dependable Capacity (MWe-Net) 1122

	<b>Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours Reactor was Critical	719.0	2,879	111,572.7
4. Hours Generator On-Line	719.0	2,879.0	109,670.0
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	825,197	3,309,956	118,621,531

Docket No. 50-328  
 Unit Name SQN Unit 2  
 Date May 3, 2001  
 Completed By T. J. Hollomon  
 Telephone (423) 843-7528

Reporting Period

1. Design Electrical Rating (Net MWe): 1148
2. Maximum Dependable Capacity (MWe-Net): 1117

	<b>Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours Reactor was Critical	719.0	2,879.0	115,625
4. Hours Generator On-Line	719.0	2,879.0	113,573.1
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	827,030	3,293,348	120,535,537

## UNIT SHUTDOWNS

**DOCKET NO:** 50-327  
**UNIT NAME:** SQN-1  
**DATE:** May 3, 2001  
**COMPLETED BY:** T. J. Hollomon  
**TELEPHONE:** (423) 843-7528

**REPORT PERIOD: APRIL 2000**

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
						There were no outages or power reductions of greater than 20 percent in the average daily power level during April.

**<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 3, 2001  
**COMPLETED BY:** T. J. Hollomon  
**TELEPHONE:** (423) 843-7528

### REPORT PERIOD: APRIL 2000

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
						There were no outages or power reductions of greater than 20 percent in the average daily power level during April.

- <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)