

ENCLOSURE

TENNESSEE VALLEY AUTHORITY
SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

DECEMBER 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 January 3, 2003
 Completed By Tanya Hollomon
 Telephone (423) 843-7528
 Reporting Period December 2002

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	744.0	8,760.0	125,465.8
4.	Hours Generator On-Line	744.0	8,760.0	123,540.6
5.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWh)	858,192	9,953,530	134,284,090

Docket No. 50-328
 Unit Name SQN Unit 2
 Date January 3, 2003
 Completed By Tanya Hollomon
 Telephone (423) 843-7528
 Reporting Period December 2002

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	616.3	7,719.2	129,225.5
4.	Hours Generator On-Line	616.3	7,643.6	127,097.6
5.	Unit Reserve Shutdown Hours	0.0	0.0	0.0
6.	Net Electrical Energy Generated (MWh)	708,787	8,542,042	135,724,102

UNIT SHUTDOWNS

DOCKET NO: 50-327
UNIT NAME: SQN-1
DATE: January 3, 2003
COMPLETED BY: Tanya Hollomon
TELEPHONE: (423) 843-7528

REPORT PERIOD: DECEMBER 2002

No.	Date	Type F:Forced S:Scheduled	Duration (Hours)	Reason ¹	Method of Shutting Down Reactor ²	Cause and Corrective Action to Prevent Recurrence
						No power reductions of greater than 20 percent during December 2002.

Summary : Unit 1 operated at 100 percent power throughout the month of December with a capacity factor of 102.3 percent. No PORVs or safety valves were challenged in December.

¹ 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)

² 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: January 3, 2003
COMPLETED BY: Tanya Hollomon
TELEPHONE: (423) 843-7528

REPORT PERIOD: DECEMBER 2002

No.	Date	Type F:Forced S:Scheduled	Duration (Hours)	Reason ¹	Method of Shutting Down Reactor ²	Cause and Corrective Action to Prevent Recurrence
2	021226	F	127.7	A	3	Unit 2 experienced an unplanned automatic scram on December 26, 2002, at 1640 Eastern Standard Time. The cause of the trip was an over-current ground fault on the No.3 reactor coolant pump motor. The motor was replaced. Unit 2 was in Mode 5 at the end of the month.

Summary: Unit 2 was operating at 100 percent power until the December 26 scram. Unit 2 capacity factor for December was 84.7 percent.
 No power operated relief valves or safety valves were challenged in December.

¹ 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)

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