February 9, 2004

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 – JANUARY MONTHLY OPERATING REPORT

The enclosure provides the January Monthly Operating Report as required by Sequoyah Technical Specification 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,

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
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One White Flint North
11555 Rockville Pike
Rockville, Maryland 20852-2739

ENCLOSURE

TENNESSEE VALLEY AUTHORITY

SEQUOYAH NUCLEAR PLANT (SQN)

MONTHLY OPERATING REPORT

JANUARY 2004

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 February 3, 2004
Completed By Renee McKaig
Telephone (423) 843-8963
Reporting Period January 2004

1. Design Electrical Rating (Net MWe): 1160
2. Maximum Dependable Capacity (MWe-Net) 1148*

	Month	Yr-to-Date	Cumulative
3. Number of Hours Reactor was Critical	744.00	744.00	132,732.45
4. Hours Generator On-Line	744.00	744.00	130,728.58
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	871,905	871,905	142,507,123

Docket No. 50-328
Unit Name SQN Unit 2
Date February 3, 2004
Completed By Renee McKaig
Telephone (423) 843-8963
Reporting Period January 2004

1 Design Electrical Rating (Net MWe): 1160
2 Maximum Dependable Capacity (MWe-Net): 1124*

	Month	Yr-to-Date	Cumulative
3. Number of Hours Reactor was Critical	355.95	355.95	137,080.18
4. Hours Generator On-Line	313.38	313.38	134,813.34
5. Unit Reserve Shutdown Hours	0.0	0.0	0.0
6. Net Electrical Energy Generated (MWh)	322,473	322,473	144,304,844

***** The maximum dependable capacity has been revised on implementation of the replacement steam generators and high pressure turbine upgrade on Unit 1 and main steam pressure loss on Unit 2.

UNIT SHUTDOWNS

DOCKET NO: 50-327
UNIT NAME: SQN-1
DATE: February 3, 2004
COMPLETED BY: Renee McKaig
TELEPHONE: (423) 843-8963

REPORT PERIOD: JANUARY 2004

No.	Date	Type F:Forced S:Scheduled	Duration (Hours)	Reason[1]	Method of Shutting Down Reactor[2]	Cause and Corrective Action to Prevent Recurrence

Summary: Unit 1 gross maximum dependable capacity factor was 102.3 percent for the month of January.

[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: February 3, 2004
COMPLETED BY: Renee McKaig
TELEPHONE: (423) 843-8963

REPORT PERIOD: **JANUARY 2004**

No.	Date	Type F:Forced S:Scheduled	Duration (Hours)	Reason[1]	Method of Shutting Down Reactor[2]	Cause and Corrective Action to Prevent Recurrence
1	040101	F	186.7	B	4	Unit 2 remained offline and in Mode 3 for generator hydrogen leakage repairs. Repairs to the source of the leakage were performed and the unit was returned to service.
2	040115	S	243.9	B	1	Unit 2 initiated manual shutdown for a main generator hydrogen leak into the stator cooling water system. The source of the leakage was repaired and the unit was returned to service.

Summary: Unit 2 was offline at the beginning of January as a result of the manual shutdown in December. Unit 2 was returned to service on January 8. A Unit 2 planned manual shutdown was initiated on January 15 and was returned to service on January 25 following repairs. Unit 2 gross maximum dependable capacity factor was 39.4 percent for the month of January.

[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)