

ENCLOSURE 2
TENNESSEE VALLEY AUTHORITY

NUCLEAR POWER GROUP
SEQUOYAH NUCLEAR PLANT

MONTHLY OPERATING REPORT
TO THE
NUCLEAR REGULATORY COMMISSION
NOVEMBER 1993 REVISION 1

UNIT 1

DOCKET NUMBER 50-327
LICENSE NUMBER DPR-77

UNIT 2

DOCKET NUMBER 50-328
LICENSE NUMBER DPR-79

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: November 1993DOCKET NO: 50-328UNIT NAME: TwoDATE: 12/03/93COMPLETED BY: T. J. HollomonTELEPHONE: (615) 843-7528

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report No.	System Code ⁴	Component Code ⁵	Cause and Corrective Action to Prevent Recurrence
5	931101	F		E	4	N/A	N/A	N/A	At the beginning of November, Unit 2 was increasing power after an outage for voltage regulator repairs. Unit 2 reached 100 percent power on November 5 at 0545 EST.
6	931105	F	32.93	B	5	N/A			At 2115 EST on November 5, a reactor power decrease to 30 percent was initiated to allow excitation system repairs to be performed. On November 8 at 1921 EST, the Unit 2 generator was removed from the grid for exciter work. Problems with the compensator card, minimum excitation limiter card, transformer card, and logic drawer were identified. These components were replaced, and the system was tested and determined to be operable. Unit 2 was returned to service on November 10 at 0417 EST when the generator was once again tied to the grid. Reactor power level was at approximately 25 percent. Unit 2 reached 100 percent reactor power on November 12 at 0557 EST.
7	931116	F	154.59	B	1	327/93029	CC	1SV	On November 16 at 0913 EST, a reactor shutdown to Mode 4 was initiated as a result of a thermal barrier check valve issue. Seven of the eight check valves were stuck in the open position. The cause of the condition was oxide wedging (iron oxide corrosion build-up) between valve components (piston and bonnet). The valves were

¹F: Forced
S: Scheduled

² Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training and License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

³ Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Continuation of Existing Outage
5-Reduction
9-Other

⁴ Exhibit G-Instructions
for Preparation of Data
Entry sheets for Licensee
Event Report (LER) File
(NUREG-1622)

⁵ Exhibit I-Same Source

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7 cont.	931116	F		B	1	327/93029	CC	1SV	disassembled, cleaned, repaired, and returned to service. A long-term action plan is being developed to ensure continued check valve operability. Unit 2 entered Mode 1 on November 23 at 0256 EST and was returned to service.

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