NRC FORM 366
U.S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

EXHIBIT A

CONTROL BLOCK (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

TNSNP1 | 0 0 - 0 0 0 0 - 0 0 | 4 1 1 1 1

L | 0 5 0 0 0 3 2 7 | 0 5 0 9 8 0 | 0 6 1 8 8 0

The gate between the spent fuel pool and the cask loading area is not designed or constructed to seismic category I requirements. Analysis shows the gate could fail during a seismic event with water on both sides due to water oscillations on the two sides being out of phase. The consequences are negligible since no spent fuel is presently stored in the pool.

FB | B | A | X X X X X X | X | Z

8 0 | — | 0 4 5 | / | 0 1 | T | — | 1

F | F | Z | Z | 0 0 0 0 | Y | N | Z | Z 9 9 2

Failure to consider the seismic loading effects on the cask loading area gate when both the spent fuel pool and the cask loading area are filled with water. Analysis is being done to determine the modification needed to satisfy seismic categoty I requirements.

B | 0 0 0 | N/A | A | Design review

Z | Z | N/A | N/A

0 0 0 | Z | N/A

0 0 0 | N/A

Z | N/A

N | N/A

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Tennessee Valley Authority
Sequoyah Nuclear Plant

LER SUPPLEMENTAL INFORMATION

SQRO-50-327/8045 Technical Specification Involved 6.9.1.12.1

Reported Under Technical Specification 6.9.1.12.1

Date of Occurrence: 5/9/80 Time of Occurrence: 1745 CDST Unit 1

Identification and Description of Occurrence

The gate between the spent fuel pool and the cask loading area is not designed or constructed to seismic category I requirements as required by Reg. Guide 1.13. Analysis shows that under seismic loading this gate could fail if water was present on both sides of the gate.

Conditions Prior to Occurrence

Unit 1 in Mode 4 below 350°F during system heatup.

Action specified in the Technical Specification Surveillance Requirements due to inoperable equipment.

N/.

Apparent Cause of Occurrence

Overlooked in the seismic analysis.

Analysis of Occurrence

No danger to public health and safety.

Corrective Action

The Mechanical Engineering Branch is in the process of a design modification to correct the deficiency.

Failure Data

N/A