

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

CONT

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

Phone: (615) 842-8317

LER SUPPLEMENTAL INFORMATION

SQRO-50-327/81077 Technical Specification Involved: 3.1.2.6 and 3.5.5

Reported Under Technical Specification: 6.9.1.13.b

Date of Occurrence: 6-28-81 Time of Occurrence: 0400 CDT

Identification and Description of Occurrence:

The refueling water storage tank was discovered to contain 45,000 gallons less than the required volume of 370,000 gallons. This event required entry into LCO 3.1.2.6 and 3.5.5.

Conditions Prior to Occurrence:

Unit 1 in mode 1 at 30% RTP.

Apparent Cause of Occurrence:

Refueling water purification (RWP) pump had been previously used to recirc to unit 1 RWST for boron concentration equalization. Valve 1-62-500 was left open following this operation.

Analysis of Occurrence:

Unit 2 reactor cavity was lined up to pump cavity water to the spent fuel pit, but with valve 1-62-500 open the RWP pump pumped approximately 45,000 gallons of borated water out of the Unit 1 RWST into the spent fuel pit.

Corrective Action:

Upon discovery of low RWST level the RWP pump was stopped and valve 1-62-500 was closed. Unit 1 RWST was refilled to 375,000 gallons and verified to have a boron concentration of 2025 ppm. Operating instructions will be revised to add position verification of valves 1-62-500 and 2-62-500 for future operations of this type.

Failure Data:

None