

LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

LICENSEE CODE: T N S N P 1 1; LICENSE NUMBER: 0 0 0 - 0 0 0 0 0 0 - 0 0 0; LICENSE TYPE: 4 1 1 1 1 1; CAT NO: 4

REPORT SOURCE: L; DOCKET NUMBER: 0 5 0 0 0 3 2 7; EVENT DATE: 1 0 1 6 8 0; REPORT DATE: 1 1 1 4 8 0

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES: While in Mode 4, two intermediate deck doors in the ice condenser were found frozen closed. This resulted in entry into LCO 3.6.5.3. There was no effect upon public health or safety. Previous Occurrences - none.

SYSTEM CODE: S B; CAUSE CODE: E; CAUSE SUBCODE: A; COMPONENT CODE: P E N E T R; COMP. SUBCODE: X; VALVE SUBCODE: Z; LER/RO REPORT NUMBER: 8 0; SEQUENTIAL REPORT NO.: 1 7 0; OCCURRENCE CODE: 0 3; REPORT TYPE: L; REVISION NO.: 0; SHUTDOWN METHOD: Z; HOURS: 0 0 0 0; ATTACHMENT SUBMITTED: Y; NPPD-4 FORM SUB.: N; PRIME COMP. SUPPLIER: N; COMPONENT MANUFACTURER: W 1 2 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS: One of the heat tapes on an air handling unit drain line failed allowing ice to form, blocking drain flow during defrost cycles. This condition allowed water to spill from the air handling unit onto the intermediate deck doors. The water then froze causing two doors to become frozen closed. The heat tape was replaced and the ice removed from doors.

FACILITY STATUS: G; % POWER: 0 0 0; OTHER STATUS: N/A; METHOD OF DISCOVERY: B; DISCOVERY DESCRIPTION: Operator Observation

ACTIVITY CONTENT RELEASED OF RELEASE: Z; AMOUNT OF ACTIVITY: N/A; LOCATION OF RELEASE: N/A

PERSONNEL EXPOSURES NUMBER: 0 0 0; TYPE: Z; DESCRIPTION: N/A

PERSONNEL INJURIES NUMBER: 0 0 0; DESCRIPTION: N/A

LOSS OF OR DAMAGE TO FACILITY TYPE: Z; DESCRIPTION: N/A

PUBLICITY ISSUED DESCRIPTION: N/A

POOR ORIGINAL

NRC USE ONLY

Name of Preparer W. T. Cottle/G. B. Kirk

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Tennessee Valley Authority  
Sequoyah Nuclear Plant

LER SUPPLEMENTAL INFORMATION

SQRO-50-327/80170 Technical Specification Involved 3.6.5.3

Reported under Technical Specification 6.9.1.13.b

Date of Occurrence 10-16-80 Time of Occurrence 0915 CDT Unit 1

Identification and Description of Occurrence:

During a routine inspection, operations personnel found two ice condenser deck doors were frozen closed.

Conditions Prior to Occurrence:

The unit was in mode 4 hot shutdown for repairs to the main condensers.

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

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The doors were restored to operable status in less than 48 hours.

Apparent Cause of Occurrence:

When the ice condenser air handling units defrost, the water is carried away through heat traced drain lines. One of the heat tapes on the drain lines failed allowing ice to form in the drain line. During subsequent defrost cycles the water could not pass this ice blockage and spilled out of the air handling units onto the intermediate deck doors. This water then froze which caused two of the intermediate deck doors to become frozen closed.

Corrective Action:

The ice was chipped away and then removed from the ice condenser. The heat tape was replaced and the ice blockage melted out of the air handling unit drain line.

Failure Data:

None.