(7-77)

LICENSEE EVENT REPORT

CONTROL BLOCK: [| | | | |] (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 | T N S N P 1 (2) | 0 0 - 0 0 0 0 0 - 0 0 (3) | 4 1 1 1 1 (4) | (5)
LICENSEE CODE | LICENSE NUMBER | LICENSE TYPE | CAT 58

CON'T
01 REPORT SOURCE L (6) | 0 5 0 0 0 3 2 7 (7) | 1 2 2 9 8 0 (8) | 0 1 2 6 8 1 (9)
DOCKET NUMBER | EVENT DATE | REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 Unit in Mode 1 at 86% reactor power. On 12-29-80 and again on 1-5-81, two ice
03 condenser intermediate deck doors below AHU-3A were found frozen closed. LCO 3.6.5.3
04 was entered on both occasions. There was no effect upon public health or safety.
05 Previous occurrences - 2 (Reference SQRO-50-327/80170 and 80203).
06
07
08

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP. SUBCODE	VALVE SUBCODE
09	S B (11)	E (12)	B (13)	P E N E T R (14)	X (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 0	—	2 0 5	/	0 3	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
B (18)	X (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	N (25)	W 1 2 0

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 Ice was removed from doors within 24 hours on both occasions. Water frozen in AHU-3A
11 drain line did not allow water to pass during defrost cycles. The water spilled over
12 from drip pan onto the doors causing doors to become frozen closed.
13
14

15 FACILITY STATUS B (28) | % POWER 0 8 6 (29) | OTHER STATUS (30) NA | METHOD OF DISCOVERY B (31) | DISCOVERY DESCRIPTION (32) Operator observation

16 ACTIVITY RELEASED Z (33) | CONTENT OF RELEASE Z (34) | AMOUNT OF ACTIVITY (35) NA | LOCATION OF RELEASE (36) NA

PERSONNEL EXPOSURES
17 NUMBER 0 0 0 (37) | TYPE Z (38) | DESCRIPTION (39) NA

PERSONNEL INJURIES
18 NUMBER 0 0 0 (40) | DESCRIPTION (41) NA

LOSS OF OR DAMAGE TO FACILITY (43)
19 TYPE Z (42) | DESCRIPTION NA

PUBLICITY
20 ISSUED N (44) | DESCRIPTION (45) NA | NRC USE ONLY

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Tennessee Valley Authority
Sequoyah Nuclear Plant

LER SUPPLEMENTAL INFORMATION

SQRO-50-327/80205 Technical Specification Involved: 3.6.5.3

Reported Under Technical Specification: 6.9.1.13.b

Date of Occurrences: 12-29-80, 1-5-81 Time of Occurrences: 0118 CST, 1815 CST

Identification and Description of Occurrences:

During routine inspection of ice condenser on 12-29-80, and again on 1-5-81, two ice condenser intermediate deck doors under AHU-3A were found frozen closed during each inspection.

Conditions Prior to Occurrence:

Unit 1 in Mode 1 at 86% reactor power on 12-29-80 and at 90% reactor power on 1-5-81.

Apparent Cause of Occurrence:

Water froze in AHU-3A defrost drain line blocking flow during subsequent defrost cycles and causing drain line to rupture. Water spilled from drip pan onto doors and froze.

Analysis of Occurrence:

On the first occurrence (12-29-80), water had frozen in the defrost drain line of AHU-3A causing both flow blockage and the drain line to rupture. Water spilled from drip pan onto doors. On 1-2-81, insulation was removed from the drain line, heat tracing removed, and a temporary heat tape installed so that the line could be repaired. The second occurrence (1-5-81) can be attributed to two causes. First, water spilling over drip pan during defrost cycles between 12-29-80 and 1-2-81. Second, water from melting ice in drain line, after installation of temporary heat tape, dripping from rupture in drain line.

Corrective Action:

The ice was removed from the doors on both occasions within 24 hours.

Ruptured drain line was repaired by 1-6-81. An investigation has begun to determine why the drain line has been freezing.

Failure Data:

None