

# 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 0 3 4 1 1 1 1 4 5

CONT

01 REPORT SOURCE L 6 0 5 0 0 0 3 2 7 7 0 3 0 7 8 2 8 0 3 1 9 8 2 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

02 Unit 1 in mode 5 with RCS temperature at 140 degrees F and RCS pressure at 0 psig.

03 At 0200 (C), while preparing to perform SI-566, ERCW Flow Verification Test,

04 containment spray heat exchanger 1A was discovered as having low ERCW flow. Inspection

05 of the heat exchanger revealed a large quantity (approximately 15 gallons) of fresh

06 water clams in the ERCW piping which had been washed against the heat exchanger inlet

07 screen. There was no effect upon public health or safety. Previous occurrences -

08 none.

09 SYSTEM CODE S B 11 CAUSE CODE C 12 CAUSE SUBCODE Z 13 COMPONENT CODE H T E X C H 14 COMP. SUBCODE C 15 VALVE SUBCODE Z 16

17 LER/RO REPORT NUMBER 8 2 21 EVENT YEAR 8 2 22 SEQUENTIAL REPORT NO. 0 2 7 24 OCCURRENCE CODE 0 1 28 REPORT TYPE T 30 REVISION NO. 0 32

18 ACTION TAKEN X 33 FUTURE ACTION X 34 EFFECT ON PLANT Z 35 SHUTDOWN METHOD Z 36 HOURS 0 0 0 0 37 ATTACHMENT SUBMITTED Y 41 NPRO-4 FORM SUB. N 42 PRIME COMP. SUPPLIER N 43 COMPONENT MANUFACTURER W 1 2 0 44

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

10 The clams were removed and the heat exchanger returned to service at 0225 (C) on

11 03/08/82. Containment spray heat exchangers 1B, 2A, and 2B all were found to have

12 their normal flows. Additional inspections found 1B heat exchanger satisfactory and

13 2B heat exchanger to have approximately 1½ quarts of clams. The 2A heat exchanger

14 will be inspected when conditions permit.

15 FACILITY STATUS G 28 % POWER 0 0 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Surveillance test 32

16 ACTIVITY CONTENT RELEASED OF RELEASE Z 33 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE NA 36

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

18 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41

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

8204080132 820319  
PDR ADOCK 05000327  
PDR

NRC USE ONLY

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LER SUPPLEMENTAL INFORMATION

SQRO-50-327/82027

Technical Specification Involved: 6.9.1.12.i

Reported Under Technical Specification: 6.9.1.12.i

Date of Occurrence: 03/07/82

Time of Occurrence: 0200 CST

Identification and Description of Occurrence:

While preparing to perform SI-566, ERCW Flow Verification Test, containment spray heat exchanger 1A was discovered as having low ERCW flow.

Conditions Prior to Occurrence:

Unit 1 in mode 5 with RCS temperature at 140 degrees F and RCS pressure at 0 psig.

Apparent Cause of Occurrence:

Inspection of the 1A heat exchanger revealed a large quantity (approximately 15 gallons) of fresh water clams in the ERCW piping which had been washed against the heat exchanger inlet screen.

Analysis of Occurrence:

The buildup of clams can be attributed to the fact that this piping loop was stagnant and that the system may not have been adequately chlorinated during the previous year due to several problems encountered with the hypochlorite system. Until this time, Sequoyah has experienced no problems with clam buildup.

Corrective Action:

The clams were removed and the heat exchanger returned to service at 0225 (C) on 03/08/82. Containment spray heat exchangers 1B, 2A, and 2B all were found to have their normal ERCW flow. Additional inspection found 1B heat exchanger satisfactory and 2B heat exchanger to have approximately 1½ quarts of clams. The 2A heat exchanger will be inspected when conditions permit. The ERCW system will be evaluated to identify other stagnant areas. The system alignment will be revised to provide continuous flow in this and other areas, where possible.

The hypochlorite system will be functional before chlorination is required in the upcoming year, and the ERCW system will be adequately chlorinated to minimize the buildup of clams.

The need for future flow testing will be evaluated based on the results of the present performance of SI-566, ERCW Flow Verification Test.

Failure Data:

None.