

LICENSEE EVENT REPORT

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

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01 REPORT SOURCE L 05000281 7050881 8060581 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)
02 With Unit No. 2 at 100% power, PT-27C revealed that amp reading for heat tracing
03 Panel 11, circuit 1B was below the acceptance criteria stipulated in the PT.
04 This event is contrary to T.S. 3.3.A.4 and is reportable per T.S. 6.6.2.b(2). The
05 redundant heat tracing circuit was operable, therefore, the health and safety of the
06 public were not affected.

09 SYSTEM CODE SH 11 CAUSE CODE A 12 CAUSE SUBCODE X 13 COMPONENT CODE HEATER 14 COMP. SUBCODE Z 15 VALVE SUBCODE Z 16
17 LER/RO REPORT NUMBER 81 21 EVENT YEAR 81 22 SEQUENTIAL REPORT NO. 031 24 OCCURRENCE CODE 03 28 REPORT TYPE L 30 REVISION NO. 0 32
ACTION TAKEN C 18 FUTURE ACTION F 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0000 22 ATTACHMENT SUBMITTED Y 23 NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER T185 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
10 The loss of heat tracing was due to mechanical damage to the tape. Personnel had
11 been working in the nearby area. The defective heat tracing was replaced and test-
12 ed. A design change has been initiated to change the manner by which these borated
13 lines are heat traced.

15 FACILITY STATUS E 28 % POWER 100 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY B 31 Routine Test. 32 DISCOVERY DESCRIPTION
16 ACTIVITY CONTENT Z 33 RELEASED OF RELEASE Z 34 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE 36
17 PERSONNEL EXPOSURES NUMBER 000 37 TYPE Z 38 DESCRIPTION N/A 39
18 PERSONNEL INJURIES NUMBER 000 40 DESCRIPTION N/A 41
19 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION N/A 43
20 PUBLICITY ISSUED N 44 DESCRIPTION N/A 45

ATTACHMENT 1
SURREY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 81-031/03L-0
EVENT DATE: 05-08-81

TITLE OF EVENT: HEAT TRACING FAILURE

1. DESCRIPTION OF EVENT:

With Unit No. 2 at 100% power, PT-27C revealed that the amp reading for heat tracing Panel 11, circuit 1B (BIT Outlet Valve, MOV-2867D), was below the acceptance criteria stipulated in the PT. This event is contrary to Technical Specification 3.3.A.4, and is reportable per Technical Specification 6.6.2.b(2).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

The heat tracing circuits are intended to maintain a fluid temperature above that needed for flow. The redundant heat tracing circuit was operable, therefore, the health and safety of the public were not affected.

3. CAUSE:

The loss of heat tracing was due to mechanical damage to the tape. Personnel from various crafts had been working in the nearby area.

4. IMMEDIATE CORRECTIVE ACTION:

The immediate corrective action was to verify that the redundant circuit was operable.

5. SUBSEQUENT CORRECTIVE ACTION:

The defective heat tracing tape was replaced and tested within the time span specified by Technical Specifications.

6. ACTION TAKEN to PREVENT RECURRENCE:

No additional actions were deemed necessary.

7. GENERIC IMPLICATIONS:

A task force has reviewed the total spectrum of the Heat Tracing system and a Design Change is being prepared as a result of the Task Force's study. Long lead items are being procured.