

LICENSEE EVENT REPORT

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

V A S P S 2 0 0 - 0 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5
LICENSEE CODE LICENSE NUMBER LICENSE TYPE 57 CAT 58

REPORT SOURCE L 0 5 0 0 0 2 8 1 7 0 4 10 8 8 3 8 0 5 10 6 8 3 9
DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

With Unit No. 2 at 100% power, PT-27 revealed that amp readings for heat tracing panels 8 and 9, circuit 20B were below the acceptance criteria stipulated in the PT. This event is contrary to T.S.3.2.B.5 and is reportable per T.S.6.6.2.b.(2). The circuits were returned to service within the time limit specified in Tech. Spec's, therefore, the health and safety of the public were not affected.

SYSTEM CODE S H 11 CAUSE CODE E 12 CAUSE SUBCODE A 13 COMPONENT CODE H E A T E R 14 COMP. SUBCODE Z 15 VALVE SUBCODE Z 16
LER/RO REPORT NUMBER 17 EVENT YEAR 8 3 SEQUENTIAL REPORT NO. 0 1 7 OCCURRENCE CODE 0 3 REPORT TYPE L REVISION NO. 0
ACTION TAKEN C 18 FUTURE ACTION F 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 0 ATTACHMENT SUBMITTED Y 22 NPD-4 FORM SUB. Y 24 PRIME COMP. SUPPLIER L 25 COMPONENT MANUFACTURER T 1 8 5 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

The loss of heat tracing was due to excessive heat. The defective heat tracing was replaced and tested. A design change has been prepared to change the manner by which these borated lines are heat traced. Installation of this design change has commenced.

FACILITY STATUS E 28 % POWER 1 0 0 29 OTHER STATUS N/A 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Periodic Test 32
ACTIVITY CONTENT RELEASED OF RELEASE Z 33 AMOUNT OF ACTIVITY N/A 35 LOCATION OF RELEASE N/A 36
PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION N/A 39
PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION N/A 41
LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION N/A 43
PUBLICITY ISSUED N 44 DESCRIPTION N/A 45

NRC USE ONLY

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ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 83-017/03L-0
EVENT DATE: 04-08-83

TITLE OF THE EVENT: HEAT TRACING FAILURE

1. Description of the Event

With Unit 2 at 100% power, performance of PT 27C revealed that the amp readings for heat tracing panels 8 and 9, circuit 20B (#2 Boric Acid Filter Outlet to "B" Boric Acid Storage Tank) were below the acceptance criteria stipulated in the PT. This event is contrary to Technical Specification 3.2.B.5 and is reportable in accordance with 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. Flow in the affected line was verified by operations personnel, and the heat tracing was returned to service within the time interval specified in Tech. Specs. Therefore, the health and safety of the public were not affected.

3. Cause

The loss of heat tracing was due to excessive heat.

4. Immediate Corrective Action

The immediate corrective action was to verify flow in the affected line.

5. Subsequent Corrective Action

The defective heat tracing tape was replaced and tested within the time span specified by the 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 has been prepared as a result of the task force study. Installation of the design change will be completed on Unit 1 CVCS prior to startup from the current refueling outage. Unit 2 CVCS will be completed during the forthcoming refueling outage.