

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

ATTACHMENT 1
SURRY POWER STATION, UNIT 2
DOCKET NO: 50-281
REPORT NO: 80-027/03L-0
EVENT DATE:10-05-80

TITLE OF REPORT: HEAT TRACING FAILURE

1. Description of Event:

With Unit #2 at 100 percent power PT-27B revealed that the amp readings for circuit 6A (boric acid to blender) panel #11 were below the Acceptance Criteria stipulated in the PT. Repair of the defective circuit was initiated immediately. This event is a degraded mode of operation as specified in T.S.3.2.D.3 and is reportable in accordance with T.S.6.6.2.b(2).

2. Probable Consequences & Status of Redundant Systems:

The Heat Tracing is intended to maintain a 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 of Occurrence:

The Heat Tracing Tape failed due to excessive heat.

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 Circuit was replaced 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 is being prepared as a result of the Task Force Study. Long lead items are being procured.