

ATTACHMENT 1
SURRY POWER STATION, UNIT 1
DOCKET NO: 50-280
REPORT NO: 80-057/03L-0
EVENT DATE: 8-18-80

TITLE OF REPORT: HEAT TRACING FAILURE

1. Description of Event:

With Unit #1 at 100 percent power PT-27D revealed that the amp readings for circuit 13A (Boron Injection Recirculation to the Boric Acid Tanks) Panel #9 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.3.3.B.5 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:

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.