



ATTACHMENT 1  
SURRY POWER STATION, UNIT 1  
DOCKET NO: 50-280  
REPORT NO: 80-056/03L-0  
EVENT DATE: 8-18-80

TITLE OF REPORT: HEAT TRACING FAILURE

1. Description of Event:

With Unit 1 at 89% power, Periodic Test 27D revealed that the amp readings for circuit 7 Panel 8 (Unit #1 Filter outlet to blender) were below the Acceptance Criteria stipulated in the PT. This 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:

The Heat Tracing Tape was damaged during mechanical work 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 Circuit was replaced within the time span specified by the Technical Specifications.

6. Action Taken to Prevent Recurrence:

No additional actions are deemed necessary.

7. Generic Implications:

The 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.