

ATTACHMENT 1
SURRY POWER STATION, UNIT 1
DOCKET NO. 50-280
REPORT NO. 80-035/03L-0
EVENT DATE: 6-3-80

TITLE OF REPORT: HEAT TRACING FAILURE

1. Description of Event:

With Unit I critical at 0% power PT-27A revealed that the amp readings for circuit 22A (Boron Injection Tank Inlet) Panel 2 was 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 redundant Heat Tracing Circuit was verified operable, which meant heat was being supplied to the Boric Acid Piping. Therefore, the health and safety of the public were not affected.

3. Cause:

Since this tape has recently been replaced the specific reason for failure is not presently known.

4. Immediate Corrective Action:

The immediate corrective action was to replace the defective heat tracing tape and to provide this information on to the task force studying the Heat Tracing System for further evaluation. After replacing the heat tracing tape, operability of the affected Heat Tracing Circuit was verified.

5. Subsequent Corrective Action:

Since the subject circuit is continuously monitored, no subsequent action is required.

6. Action Taken to Prevent Recurrence:

No additional actions were deemed necessary.

7. Generic Implications:

A task force has been established to study the total spectrum of the heat tracing system in an attempt to discern present problems and recommend solutions which will eliminate sporadic failures experienced.