

ATTACHMENT 1
SURRY POWER STATION, UNITS 1
DOCKET NO: 50-280
REPORT NO: 80-069/03L-0
EVENT DATE: 10/22/80

TITLE OF REPORT: HEAT TRACING FAILURE

1. DESCRIPTION OF EVENT:

With Unit #1 defueled and Unit #2 at 100% power, PT-27D revealed that the amp readings for Panel #9, Circuit 13A (Boron Injection Recirc to the Boric Acid Tanks) Panel #8 was below the acceptance criteria stipulated in the PT. 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 AND STATUS OF REDUNDANT SYSTEMS:

The Heat Tracing is intended to maintain a temperature above that required to maintain Boric Acid in solution. The redundant Heat Tracing Circuit (Panel #9, Circuit 13A) 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 tape was replaced. The circuit was tested satisfactorily within the time span specified by the Technical Specifications (24 hours).

6. ACTION TAKEN TO PREVENT RECURRENCE:

No additional actions 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.