



ATTACHMENT 1

SURRY POWER STATION, UNIT NO. 1

DOCKET NO: 50-280

REPORT NO: 81-041/03L-0

EVENT DATE: 08-20-81

TITLE OF THE EVENT: HEAT TRACING FAILURE

1. DESCRIPTION OF EVENT:

With Unit No. 1 at 100% power, PT-27 revealed that the amp readings for heat tracing panel 9, circuit 7A (Heat Tracing for Unit #1 boric acid filter outlet to blender) were below the acceptance criteria stipulated in the PT. This event is contrary to Technical Specification 3.3.B.5, and is reportable per Technical Specification 6.6.2.b(2).

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT EQUIPMENT:

The heat tracing circuits are intended to maintain a fluid 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 loss of heat tracing tape was apparently due to the inadvertent cutting of the heat tracing tape during a clean-up operation.

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 and tested within the time span specified by Technical Specifications.

6. ACTION TAKEN TO PREVENT RECURRENCE:

Technicians assigned to clean up and decontamination responsibilities have been instructed to use caution when performing cleaning operations in the vicinity of safety related systems.

7. GENERIC IMPLICATIONS:

None.