AC FOR	U. S. NUCLEAR REGULATORY COMMISSION
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	EVENT DESCRIPTION AND PROBABLE CONSEQUENCES
0 2 1 2 1	With Unit No. 2 at 100% power, PI-27 revealed that amp readings for heat tracing
013	Panel 8, circuit 13B was below the acceptance criteria stipulated in the PT. This
0 4	event is contrary to T.S.3.2.B.5 and is reportable per T.S.6.6.2.b.(2). The
015	redundant heat tracing circuit was operable, therefore, the health and safety of
016	the public were not affected.
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1.101	CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)
	replaced and tested. A design change has been prepared to change the manner by
	which these hereted lines are best transit. Testalleties of shire is in the
112	which these borated lines are heat traced. Installation of this design change has
.13]	commenced.
114	2
15	ACILITY & POWER OTHER STATUS 30 METHOD OF DISCOVERY DESCRIPTION 32 E 28 1 0 0 29 N/A B 31 Periodic Test
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. 9	Image: Tope description PDR ADOCK 05000281 Image: N/A N/A PDR
	PUBLICITY AS NRC USE ONLY
10	N/A 68 69 80 5
	NAME OF PREPARED J. L. Wilson PHONE (804) 357-3184

ATTACHMENT 1 SURRY POWER STATIC:, UNIT NO. 2 DOCKET NO: 5'-281 REPORT NO: 83-001/03L-0 EVENT DATE: 01-18-83

TITLE OF THE EVENT: HEAT TRACING FAILURE

1. Description of the Event

With Unit No. 2 at 100% power, PT-27 revealed that the amp readings for heat tracing Panel 8, circuit 13B (BIT Recirc. to BAST) was below the acceptance criteria stipulated in the PT. This event is contrary to Technical Specification 3.2.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 was 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 and tested within the time span specified by 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 has been prepared as a result of the Task Force Study. Installation of this design change has commenced.