



ATTACHMENT 1 (PAGE 1 OF 1)  
SURRY POWER STATION, UNIT 1

DOCKET NO: 50-280

REPORT NO: 80-009/03L-0

EVENT DATE: 01-23-80

TITLE OF REPORT: Failure of Boric Acid Transfer Pump 1-CH-P-2A

1. DESCRIPTION OF EVENT:

During normal operation, with the Unit at 100% power, Control Room indication revealed loss of flow from Boric Acid Transfer Pump 1-CH-P-2A which was in service at the time. Unit ramp down was commenced until the "B" pump was placed in service. This event is reportable in accordance with T.S. 6.6.2.b.2.

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT SYSTEMS:

Since the appropriate T.S. action was implemented and since the redundant pump was operable, the health and safety of the public were not affected.

3. CAUSE:

The suspected cause of the event was improper installation of the pump shaft sleeve and impellor during previous maintenance work on the pump. This caused the shaft to fail in service.

4. IMMEDIATE CORRECTIVE ACTION:

The redundant pump was placed in service. A new shaft was installed in the A pump.

5. SUBSEQUENT CORRECTIVE ACTION:

None required.

6. ACTION TAKEN TO PREVENT RECURRENCE:

The maintenance procedures for the pumps have been updated to provide proper dimensional verifications during manufacture of replacement parts and assembly of the pumps.

7. GENERIC IMPLICATIONS:

None.