

ATTACHMENT 1
SURRY POWER STATION, UNIT NO. 2
DOCKET NO: 50-281
REPORT NO: 82-032/03L-0
EVENT DATE: 05-31-82

TITLE OF THE EVENT: Low Emergency Air Pressure to Steam Driven Aux. Feed Pump

1. DESCRIPTION OF EVENT:

On May 31 and June 1, with the unit steady at 95% power, operators performing walkdowns of the #2 Safeguards Building discovered that the pressure in the Nitrogen bottle supplying emergency air to the Steam Driven Auxiliary Feed pump AOV's (PCV-MS-202A & B) was below the limit of 1000 psig. This event is contrary to Technical Specification 3.6.C and is reportable in accordance with Technical Specification 6.6.2.b(2).

2. PROBABLE CONSEQUENCES and STATUS of REDUNDANT EQUIPMENT:

The Steam Driven Auxiliary Feedwater pump (2-FW-P-2) must be capable of being operated independently of any alternating current power source for at least two hours. The nitrogen tank has been added to the instrument air line to provide control of the PCV's for the required two hour period.

The Instrument Air System remained operable while the emergency air system was out of service. Therefore, the health and safety of the public were not affected.

3. CAUSE:

The loss of Nitrogen pressure was a result of fitting leaks in the air lines.

4. IMMEDIATE CORRECTIVE ACTION:

The Nitrogen bottle was replaced with a fully pressurized bottle.

5. SUBSEQUENT CORRECTIVE ACTION:

The leaking fittings were tightened, and the system was returned to service within the time span specified by Technical Specification 3.6.F.

6. ACTION TAKEN TO PREVENT RECURRENCE:

The Nitrogen bottle pressure reading has been added to the operators Outside Log Data Sheet to ensure that the pressure is monitored daily.

7. GENERIC IMPLICATIONS:

None.