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Surry Power Station, Unit 1
Docket No. 50-280
Report No. 80-013/03L-0
Event Date: 02-06-80.

Title of Report: Accumulator Tank 1-SI-TK-1A Level and Pressure Out of Specification

1. Description of Event:

Unit Number One was at a steady state condition at 100 percent power. The operator was recirculating the accumulator tanks prior to taking samples. The control valve, HCV-1852A, to tank 1-SI-TK-1A, apparently stuck in the open position for 30 to 50 seconds after the operator set the valve to close. This allowed the tank level to drop to approximately 45 percent and the pressure to drop below 600 PSIG. Immediate steps were taken to refill and pressurize the tank. The tank was below the Technical Specifications requirements outlined in 3.3.A.2 for a period of 25 minutes. Paragraph 3.3.B.1 permits one accumulator to be isolated for a period not to exceed 4 hours. This event is reportable in accordance with Technical Specification 6.6.2.b.2.

2. Probable Consequences and Status of Redundant Systems:

The redundant accumulators were available, therefore, the health and safety of the public were not affected.

3. Cause:

The cause of the event is believed to be moisture in the air lines feeding the valve operator. Subsequent to this event, the valve had been cycled with satisfactory results.

4. Immediate Corrective Action:

The immediate corrective action was to restore the tank to Technical Specification limits.

5. Subsequent Corrective Action:

Since the valve has operated satisfactorily since the event, no further action is required.

6. Actions Taken to Prevent Recurrence:

None required.

7. Generic Implications:

There are no generic implications.