

ATTACHMENT (PAGE 1 OF 2)
SURRY POWER STATION, UNIT 1
REPORT NO: 80-008/01T-0
EVENT DATE: 1/16/80
TITLE OF REPORT: Improper Valve Lineup

1. DESCRIPTION OF EVENT:

During power operation, the discharge valve (1-CH-83) from the Unit #1 Boric Acid Filter was inadvertently closed for approximately three hours. This prevented boric acid flow in one of two paths to the core.

This event is contrary to Technical Specification 3.2.B.4 and is reportable per Technical Specification 6.6.2.a.2.

2. PROBABLE CONSEQUENCES AND STATUS OF REDUNDANT SYSTEMS:

During an accident condition, the normal boric acid supply is isolated and boric acid is supplied from the Refueling Water Storage Tank. The isolated valve was discovered when operators noticed that there was no boric acid for blending to the Volume Control Tank.

Boric Acid is supplied from the Boric Acid Tanks through the Boric Acid Filter during normal plant operation and from the RWST during accident conditions. Therefore, the health and safety of the general public were not affected.

3. CAUSE:

A clerical error was made in preparing a tagging report required to perform maintenance on the Unit #2 Boric Acid System diaphragm valves. The report erroneously listed 1-CH-83 to be closed and tagged instead of 2-CH-83 (discharge valve from Unit #2 Boric Acid Filter). When the actual lineup was made, the error was not discovered; hence, 1-CH-83 was closed resulting in the event.

4. IMMEDIATE CORRECTIVE ACTION:

The immediate corrective action taken was to open 1-CH-83 and to verify boric acid flow to the blender, emergency borate line, and recirculation to the Boron Injection Tank.

5. & 6. SUBSEQUENT CORRECTIVE ACTIONS & ACTION TAKEN TO PREVENT RECURRENCE:

The seriousness of this violation was stressed to the personnel involved and the event was reviewed with the entire Operations Department. To prevent incidents of this nature in the future, the following actions have been taken:

- 1.) A new tagging report system is now in use whereby the Shift Supervisor must review and sign the report prior to performance of the lineup.

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5. & 6. (CONTINUED)

- 2.) The valves in question (1-CH-83 & 2-CH-83) will be labelled with a warning to anyone attempting to operate the valves. The warning will state that the valves must remain open during power operation of the respective unit.
- 3.) All Operations personnel have been lectured on the importance of reviewing a tagging report to insure all items are correct and show purpose prior to performing the lineup.

7. GENERIC IMPLICATIONS:

None.