

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)80CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

that are certified to conform with a Category 1 system.

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Surry Power Station, Unit 1

Docket No: 50-280/50-281

Report No: 78-034/01X-2

Event Date: 11-1-78

Title of Report: Spare Process Piping Penetrations

1. Description of Event:

During a routine inspection on 10/27/78, it was noted that 17 spare process piping containment penetrations on Unit 1 and 23 on Unit 2 had never been capped in the Auxiliary Building end. The containment ends are capped. The condition has existed since the construction period and is less conservative than described in FSAR Section 5.2. Upon review, on 11/1/78, of the documentation identifying the condition, it was determined that the condition was reportable in accordance with Technical Specification 6.6.2.a.(9). This report is applicable to Surry 1 (Docket 50-280) and Surry Unit 2 (Docket 50-281).

2. Probable Consequences/Status of Redundant Systems:

All spare penetrations are sealed on the inside (containment) ends of the penetrations. There has been no compromise of containment integrity as evidenced by the fact the containment has experienced two ILRT tests and five years of operation with no indication of degradation of the inside caps. Therefore, the health and safety of the public have not been affected.

3. Cause:

It appears that the outside ends of the penetrations were left uncapped at the completion of construction. As of the present time, no analysis has been found in files to rationalize a departure from the provisions of the FSAR even though the document has not been updated. It must be assumed that the cap installation was overlooked.

4. Immediate Corrective Action:

An immediate inventory was conducted to verify the condition initially reported. The Architect-Engineer was requested to advise on a method and procedures for correcting the condition.

5. Subsequent Corrective Action:

Contrary to the date of completion specified by the previous LER (dated 12/13/78) the spare piping penetrations are not yet capped. Materials that have been received by the station and accepted by the station Quality Control Department are in the field to be installed. The balance of the penetrations will be sealed upon receipt and acceptance of additional materials by the Quality Control Department.

6. Actions Taken to Prevent Recurrence

The situation described is a result of the construction process. The procedural controls now applicable to changes in facility configuration will preclude a recurrence.

7. Generic Implications:

None