



Title of Report: Fire Barrier Penetration Discrepancies

1. Description of Event

During the performance of Periodic Test 24.11, it was noted that 64 of approximately 1800 fire barrier penetrations in safety related areas were not properly sealed, and fire watches were not established within the allotted time period. This is contrary to Technical Specifications 3.21.G.1 and 3.21.G.2.a and is reportable pursuant to Technical Specification 6.6.2.b.4. and 6.6.2.b.3., respectively.

2. Probable Consequences and Status of Redundant Systems

The functional integrity of the fire barrier penetration seals ensures that fires will be confined or adequately retarded from spreading to adjacent portions of the facility. Establishing a fire watch adjacent to non-functional fire barrier penetration insures prompt detection of a fire. Because various penetrations were not properly sealed and fire watches not established, a fire in one area could have spread to other areas of the facility prior to detection or extinguishment. All other fire protection systems remained operable, therefore the health and safety of the general public were not affected.

3. Cause

The fire barrier penetrations were not properly sealed at the time of initial construction. Due to inadequate administrative control, fire watches were not established within one hour, as required, while the discrepancies were evaluated.

4. Immediate Corrective Action

Work orders to correct all discrepancies were issued immediately after completion of the procedure. Subsequent procedure review determined fire watches had not been posted as required. Fire watches were then posted in all safety related areas where discrepancies had been noted during the inspection 5 days prior.

5. Subsequent Corrective Actions

All penetrations were temporarily sealed and the fire watches released. The fire barrier penetrations will be permanently sealed in accordance with issued work orders and NFPA codes.

6. Actions Taken to Prevent Recurrence

No further actions are considered necessary at this time.

7. Generic Implications

All fire barrier penetrations have been inspected, and the penetrations with discrepancies have been identified and are being properly sealed. The current PT-24.11 will be changed to preclude this situation from reoccurring. Consequently, there are no generic implications.