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Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Salem Generating Station

November 5, 1992

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Dear Sir:

SALEM GENERATING STATION
LICENSE NO. DPR-75
DOCKET NO. 50-311
UNIT NO. 2

SPECIAL REPORT 92-7

This report addresses the inoperability of a fire door for greater than seven (7) days. This report has been prepared in accordance with the reporting requirements of Technical Specification 3.7.11 Action "a" pursuant to Technical Specification 6.9.2.

Sincerely yours,

C. A. Vondra
General Manager -
Salem Operations

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PLANT IDENTIFICATION:

Salem Generating Station - Unit 2
Public Service Electric & Gas Company
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Technical Specification 3.7.11; Fire Barrier Impaired For Greater Than Seven (7) Days

Event Date: 10/8/92

Report Date: 11/05/92

Per Technical Specification Action Statement 3.7.11.a, a Special Report is required when fire barrier penetrations are impaired for greater than seven (7) days. This report satisfies this requirement.

This report was initiated by Incident Report Nos. 92-630 and 92-639.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 Reactor Power 100% - Unit Load 1160 MWe

DESCRIPTION OF OCCURRENCE:

On October 1, 1992, during normal power operation, the fire door to the Component Cooling Heat Exchanger Room was found impaired by a roving fire watch during patrol. The fire door was misaligned and would not close and latch. The fire door was declared inoperable and Technical Specification 3.7.11 Action "a" was applied.

An hourly roving fire watch had previously been established for the fire door (see Analysis of Occurrence section); therefore, the requirements of Technical Specification Action Statement 3.7.11.a, were met.

Technical Specification 3.7.11 states:

"All fire penetrations (including cable penetration barriers, fire doors and fire dampers), in fire zone boundaries, protecting safety related areas shall be OPERABLE."

Salem Unit 2 Action Statement 3.7.11.a states:

"With one (1) or more of the above required fire barrier penetrations inoperable, within one (1) hour either establish a continuous fire watch on at least one (1) side of the affected penetration, or verify the OPERABILITY of fire detectors on at least one (1) side of the inoperable fire barrier and establish an hourly fire watch patrol. Restore the inoperable fire barrier penetration(s) to OPERABLE status within 7 days or, in lieu of any other report required by Specification 6.9.1, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next (30) days outlining the

DESCRIPTION OF OCCURRENCE: (cont'd)

action taken, the cause of the inoperable penetration and plans and schedule for restoring the fire barrier penetration(s) to OPERABLE status."

APPARENT CAUSE OF OCCURRENCE:

The cause of the fire door inoperability is equipment failure. The door's hinge straps had broken away from the door frame and the door had buckled.

The cause of the fire door not being repaired within seven (7) days is "Other". After the door was discovered impaired, a work order was initiated to repair the door. Prior to beginning door repair, a new floor area coating application had initiated. Door inspection revealed that it had to be removed to be repaired (contrary to the initial assessment). However, the equipment required to support door removal could not be brought into the area until the new floor coat had cured. The cure time exceeded the seventh day into the Action Statement.


ANALYSIS OF OCCURRENCE:

The functional integrity of fire barrier penetrations ensures that fires will be confined or adequately retarded from spreading to adjacent portions of the facility. This design feature minimizes the possibility of a single fire involving several areas of the facility. Fire doors are a passive element in the facility fire protection program and are subject to periodic inspections. This report satisfies reporting requirements of Technical Specification Action Statement 3.7.11.a, pursuant to Technical Specification 6.9.2 since the time between discovery and eventual repair of the fire door impairment is greater than seven (7) days. Due to other fire protection concerns, an hourly roving fire watch has been in place during the period of inoperability since November 13, 1990 in accordance with the requirements of Technical Specification Action Statement 3.7.11.a.

The subject fire areas contain detection devices in addition to the roving fire watch patrol. A fire in the areas would be detected before it could involve an adjacent area. This occurrence, therefore, involved no undue risk to the health or safety of the public.

CORRECTIVE ACTION:

The fire door was declared functional upon completion of repairs and testing.


General Manager -
Salem Operations