

GPU Nuclear Corporation
Post Office Box 480
Route 441 South
Middletown, Pennsylvania 17057-0191
717 944-7621
TELEX 84-2386
Writer's Direct Dial Number:

May 30, 1984
5211-84-2120

Office of Nuclear Reactor Regulations
Attn: John F. Stolz, Chief
Operating Reactors Branch No. 4
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

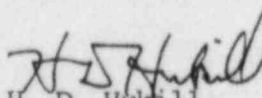
Dear Mr. Stolz:

Three Mile Island Nuclear Station, Unit I (TMI-1)
Operating License No. DPR-50
Docket No. 50-289
Technical Specification Change Request No. 97 Rev. 1 Correction

On December 1, 1983, Technical Specification Change Request No. 97, Rev. 1 was submitted requesting amendment to Appendix A of Operating License No. DPR-50. The requested change would incorporate some Appendix R modifications and operating experience into TSCR 97.

TS 3.18.7 Fire Barrier Penetrations and TS 4.18.7 Fire Barrier Penetrations inadvertently are said to apply to all fire barrier penetration seals in fire zone boundaries. The applicability should be for all fire barrier penetration seals in rated fire boundaries. This change does not affect the previously submitted Safety Evaluation. The corrected pages are enclosed for your convenience.

Sincerely,


H. D. Hukill,
Director, TMI-1

HDH/SMD/mle

Attachments (2)

cc: H. Silver
D. Kubicki
J. Van Vliet

A006
11

GPU Nuclear Corporation is a subsidiary of the General Public Utilities Corporation

8406040232 840530
PDR ADDCK 05000289
P PDR

3.18.7

FIRE BARRIER PENETRATIONS

APPLICABILITY:

All fire barrier penetration seals (including cable and pipe penetration barriers, fire doors and fire dampers) in rated fire boundaries protecting safety related areas shall be functional at all times when equipment on either side of the barrier is required to be operable.

OBJECTIVE:

To assure the effectiveness of barriers.

SPECIFICATIONS:

3.18.7.1

All fire barrier penetration seals protecting safety related areas shall be functional or action shall be taken as described in 3.18.7.2.

3.18.7.2a.

With one or more of the above required fire barrier penetration seals non-functional, establish a fire patrol to inspect at least one side of the affected penetration once per hour during refueling shutdown, cold shutdown, heatup/cooldown, and hot shutdown. At all other times a continuous fire watch shall be posted on one side of the affected penetration within one hour.

3.18.7.2b.

Restore the penetration seal to an OPERABLE status within 14 days or, prepare and submit a Special Report to the Commission within the next 30 days outlining the action to be taken, the cause of the inoperability and the plans and schedule for restoring the system to an OPERABLE status.

BASES:

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. This design feature minimizes the possibility of a single fire rapidly involving several areas of the facility prior to detection and extinguishment. The fire barrier penetration seals are a passive element in the facility fire protection program and are subject to periodic inspections.

During periods of time when the seals are not functional, a roving or continuous fire watch is required to be maintained in the vicinity of the affected seal until the seal is restored to functional status as described in specification 3.18.7.2.

FIRE BARRIER PENETRATIONSAPPLICABILITY:

All fire barrier penetration seals (including cable and pipe penetration barriers, fire doors and fire dampers) in rated fire boundaries protecting safety related areas shall be functional at all times when equipment either side of the barrier is required to be operable.

OBJECTIVE:

To assure that the effectiveness of fire barriers protecting safety-related areas is maintained.

SPECIFICATION:

4.18.7.1

Fire barrier penetration seals and fire dampers shall be verified to be functional by a visual inspection:

- a. At least once each refueling interval; and
- b. Prior to declaring a fire barrier penetration seal or fire damper functional following repairs, maintenance, or initial installation.

4.18.7.2.

Fire doors shall be verified to be functional by a visual inspection:

- a. At least weekly for doors that are locked closed to verify that they are locked closed and free of obstructions.
- b. At least daily for doors held open by automatic release mechanisms to verify that the doorway is free of obstructions.
- c. At least daily for doors neither locked nor supervised to verify that they are in a closed position.
- d. Prior to declaring a fire door functional following repairs, maintenance, or initial installation.