

NRC FORM 366
(7-77)

LICENSEE EVENT REPORT

CONTROL BLOCK: (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 A new penetration in the fire wall between the ESAS switchgear room (Fire Area
0 3 CB-3C) and the Relay Room (Fire Area CB-3D) was required for the routing of new
0 4 cable to support restart mods on Containment Isolation (RM-5C). Therefore, the
0 5 health and safety of the public was not affected. The event is reportable per
0 6 Tech Spec 6.9.2.B(2).
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CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Reportability of this event was determined to be necessary in the planning stage of
1 1 restart mods on Containment Isolation RM-5C. An approved temporary fire barrier
1 2 seal has been provided for installation at the end of each work day prior to
1 3 securing the posted fire watch. Tech Spec Change Request No. 97 was sent to
1 4 allow operation in a degraded mode with a posted fire watch.
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1 5 FACILITY STATUS X 28 0 0 0 0 29 OTHER STATUS 30 METHOD OF DISCOVERY Z 31 DISCOVERY DESCRIPTION 32
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NARRATIVE REPORT

TMI-1

LER 81-03

I. Current Activities at the Time of the Occurrence

Reportability of this event was determined to be necessary in the planning stage of restart modification RM-5C, Containment Isolation Modifications. The event occurred when the fire wall was breached when core boring a new penetration for RM-5C.

II. Leading Circumstances to the Occurrence

PORC review of RM-5C work package which included plans for providing new penetration in wall.

III. Description of the Occurrence

A new penetration in the fire wall between the ESAS switchgear room (Fire area CB-3C) and the Relay Room (Fire area CB-3D) was required for the routing of new cable to support restart modification RM-5C, Containment Isolation. The PORC was asked to review potential reportability of creating a new fire barrier penetration and determined that it was reportable as a violation of Technical Specification 3.18.7 and reportable under Technical Specification 6.9.2.B(2). The PORC discussion was mainly the wording of Technical Specification 3.18.7 which does not allow any operation with a non-functional fire barrier (with a posted fire watch) for any length of time without submitting a report. Standardized Tech Specs (NRC letter dated September 19, 1980) allow operation in a degraded mode while the TMI-1 Technical Specifications require the fire barrier penetration seals to be functional at all times.

An approved temporary fire barrier seal has been provided for installation at the end of each work day prior to the securing of the posted fire watch. The fire watch is set when the temporary seal is removed at the beginning of work each day. Enlargement of the penetration is expected to be completed by March 16, 1981, at which time a permanent fire barrier penetration seal will be installed in accordance with GEL-GS-9 Rev. 1, Technical Specification for Fire Barrier Penetration Seals. Following the installation of the permanent seal, new cable and conduit to support RM-5C will be installed per M.P. 1420-FB-1. The initial PORC review was made on February 2, 1981, and actual work started on February 10, 1981.

IV. Resultant Events

None to Date

V. Previous Events of a Similar Nature

There have been previous events concerning failed fire barrier penetration seals, however, none are similar since this was a planned breach of a fire wall (creation of a new penetration).

VI. Root Cause of the Occurrence

Technical Specification 3.18.7 not allowing 14-day operation in a degraded mode with a posted fire watch (TSCR No. 97, 1/26/81).

VII. Immediate Corrective Action

Technical Specification 3.18.7.2 was complied with by posting a fire watch with the opening of the new penetration. Compliance with Technical Specification 3.18.7.1 reestablished daily with the installation of a temporary, approved fire barrier seal.

VIII. Long Term Corrective Action

The planning and actions taken to support RM-5C will be done for other new core bores in rated fire barriers. Technical Specification 3.18.7 should be changed to allow 14-day operation in a degraded mode with a posted (or roving, dependent on plant condition) fire watch (TSCR No. 97, 1/26/81).