

METROPOLITAN EDISON COMPANY

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3801

November 14, 1975
GQL 1712

Director of Nuclear Reactor Regulation
Attn: Dr. D. F. Knuth, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Dr. Knuth:

Three Mile Island Nuclear Station Unit 2
Docket No 50-320

On October 17, 1975, Mr. L. Narrow of your office was verbally notified of a situation which Metropolitan Edison Co. considered may be reportable in accordance with the requirements of 10 CFR 50.55(e). This letter constitutes the required thirty day follow-up letter.

Description

While preparing the south exterior wall of the Unit 2 Fuel Handling Building for the concrete placement of the fuel transfer tube shield walls, one of the chipping hammers exposed a void in the Fuel Handling Building wall approximately 14" above the east fuel transfer tube. The void extended over an area approximately 3 inches in height by 6 feet wide and varies in depth from 3 feet to 5 feet. The void is located in a section of wall that had initially been a blockout for the fuel transfer tube installation. When concrete was subsequently placed in the blockout, the inner top section of the blockout failed to fill completely, leaving the recently discovered void.

Analysis of Safety Implications

The Fuel Handling Building was designed and constructed as a Seismic Class I structure. Had the void remained undetected, it is possible that during a seismic event, cracks might occur at the high stress concentration corner areas of the void; these cracks could then propagate throughout the structure. This would not have a significant effect on the structural integrity of the building nor would it compromise the health and safety of the public or the plant staff. Also, since this

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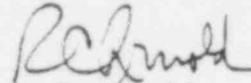
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area is adjacent to the reactor building containment wall and is protected with radiation shield walls, no possibility of radiation streaming existed.

Corrective Action

The above condition was documented on a site deviation report. Exploratory chipping and cleaning of the void area has been completed revealing that the void does not extend beyond the blockout. The area of the void will be repaired in accordance with instructions from the engineer. All repair work will be completed by November 26, 1975. Further information and documentation associated with the repair will be available at the site for your inspection.

Very truly yours,



R. C. Arnold
Vice President

RCA:CWS:tas

cc: Mr. J.P.O'Reilly
Director, Office of Inspection and
Enforcement, Region I

File: 20.1.1 / 7.7.3.6.2