



METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

POST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

June 24, 1977  
GQL 0884

Mr. J. P. O'Reilly, Director  
U.S. Nuclear Regulatory Commission  
Office of Inspection & Enforcement  
Region I  
631 Park Avenue  
King of Prussia, Pennsylvania 19406

Dear Sir:

Three Mile Island Nuclear Station Unit 2 (TMI-2)  
License No. CPPR-66  
Docket No. 50-320  
Protection System Bypass Indication

On May 26, 1977, Mr. Lou Narrow of your office was verbally notified of a situation which Metropolitan Edison Company considered to be reportable in accordance with the requirements of 10CFR50.55(e). This letter constitutes the required thirty-day follow-up letter.

Description

Section 7, Paragraph 7.3.2.1.m of the FSAR (Indication of Bypasses) requires that when any Control or Protection System channel or portion of a channel is bypassed or defeated by manual switch or valve action, the condition will be continuously indicated and alarmed in the Control Room.

The pressure switches on instrument racks 452, 455, 467 and 472 for Reactor Building Spray, Isolation, and Cooling System have manually operated isolation valves that have no position indication. These valves are used to test the actuation of the pressure switches and effectively defeat the operation of the pressure switches without providing indication or alarm in the Control Room.

Analysis of Safety Implications

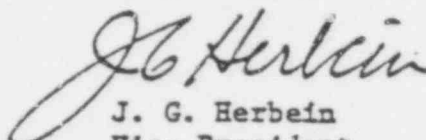
The discrepancy between the FSAR and actual plant design has been reviewed. All of these valves are located in enclosed locked racks. The FSAR indicates that "... The unauthorized actuation of channel bypassing devices will be prohibited by administrative operating instructions..." The existing as-built plant configuration is in accordance with the design, but the FSAR does not clearly represent the design in this regard. For this reason, there is no adverse effect on the health or safety of the public or plant staff.

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Corrective Action

The applicable FSAR pages will be further clarified to depict the existing design. The revised pages will be submitted with the next amendment to the FSAR.

Very truly yours,

  
J. G. Herbein  
Vice President

cc: Dr. Ernst Volgenau, Director  
Office of Inspection & Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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