



METROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

OST OFFICE BOX 542 READING, PENNSYLVANIA 19603

TELEPHONE 215 - 929-3601

April 4, 1974

Dr. D. F. Knuth, Director
Directorate of Regulatory Operations
Office of Regulation
U.S. Atomic Energy Commission
Washington, DC 20545

Dear Dr. Knuth:

SUBJECT: THREE MILE ISLAND NUCLEAR STATION UNIT 1
DOCKET NO. 50-289
DIESEL GENERATORS

You were notified on March 4, 1974, of a situation which may be considered reportable under 10 CFR 50.55(e), "Conditions of Construction". This situation related to the Diesel Generators.

The Diesel engines had been warmed and manually shut down in preparation for surveillance tests. This action energizes and seals in the automatic shutdown relay. During engineered safeguards surveillance tests, the diesel generators failed to run when given a start signal.

Investigation of the engineered safeguards test logic revealed that one test channel (one of two) does not override the shutdown relay, whereas the second channel, or an actual safeguards sign do override this relay. This was the reason for the failure to start.

The applicable procedures are being revised to sequence the preparations and test steps to assure proper checking of the safeguards contacts in the Diesel Generator circuitry. Engraved instructions have been placed at the engines to emphasize the operational requirements to assure the diesel generators are reset properly.

Additionally, the design agent is conducting a separate review of the safeguards test requirements relative to the diesel generator circuit logic. The results of this review will be available for your review at the Three Mile Island site.

Very truly yours,

J. G. Miller
J. G. Miller
Vice President

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