

Control Files
Reactor



TROPOLITAN EDISON COMPANY SUBSIDIARY OF GENERAL PUBLIC UTILITIES CORPORATION

OFFICE BOX 480 MIDDLETOWN, PENNSYLVANIA 17057 TELEPHONE 717-944-4041

3 February 1977

POOR ORIGINAL

Mr. J. P. O'Reilly
Directorate of Regulatory Operations
Region I
Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

Operating License DPR-50
Docket 50-289

Subject: Reportable Occurrence No. 77-1/1P

Dear Mr. O'Reilly:

This telegram is to confirm the conversation between Mr. A. N. Fasano (Region I-NRC) and Mr. J. J. Colitz (TMI-I Unit Superintendent) at 0900 hours on 3 February 1977.

The following report is submitted in accordance with Paragraph 6.9.2.A.2 of the Technical Specifications.

On 2 February 1977 both the "A" and "B" Diesel Generators were found to have conditions affecting their capability to start in response to a loss of offsite power. Both diesels would have started successfully in the event of an Engineered Safeguards (ES) signal.

On both diesels the start failure resulted from the cranking timer timing out before the OPLS pressure switch operated. The OPLS pressure switch picks up when oil pressure is sufficient to indicate that the diesel has started. If the cranking timer operates before the OPLS pressure switch operates, the shutdown relay is energized causing the diesel to trip. If an ES signal is present, the shutdown relay is blocked from receiving the start failure signal.

On the "B" Diesel the time between OPLS operation and the cranking timer setting was found to be inadequate and the timer setting was increased. On the "A" Diesel the OPLS was prevented from operating because of mechanical binding of the pressure switch. The pressure switch linkage on the "A" Diesel Generator was freed. The timer settings were also increased on the "A" Diesel Generator.

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Mr. J. P. O'Reilly

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3 February 1977

The above action will prevent the start failures; however, evaluation of the final timer setting is continuing and the OPLS switch will be replaced with a different type switch in the near future.

Very truly yours,

J. G. Colitz
J. G. Colitz

Unit I Superintendent
Three Mile Island Nuclear Station

JJC/pas

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