



Metropolitan Edison Company
Post Office Box 480
Middletown, Pennsylvania 17057
717 944-4041

Writer's Direct Dial Number

June 10, 1980
TLL 271

Office of Inspection and Enforcement
Attn: B. H. Grier, Director
Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pa. 19406

Dear Sir:

Three Mile Island Nuclear Station, Unit II (TMI-2)
Operating License No. DPR-73
Docket No. 50-320
Licensee Event Report 80-018/03L-0

Attached please find Licensee Event Report 80-018/03L-0 concerning the white
Balance of Plant Diesel Generator's potential transformers disconnection on
May 9, 1980.

This event constitutes violation of Section 3.8.1.1 and is considered reportable
under Section 6.9.1.8 of the Interim Recovery Technical Specifications.

Sincerely,

/s/ G. K. Hovey

G. K. Hovey
Director
TMI-II

GKH:SDC:hah

Attachments

cc: J. T. Collins


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Metropolitan Edison Company is a Member of the General Public Utilities System

LICENSEE EVENT REPORT
NARRATIVE REPORT
TMI-II

LER 80-018/03L-0

EVENT DATE-May 9, 1980

I. EXPLANATION OF OCCURRENCE

While loading the white Balance of Plant (BOP) diesel generator per surveillance procedure 4303-M16D, oscillations in the generator's frequency were observed, followed by a total loss of frequency indications. At that time, the diesel generator was manually tripped. The diesel generator was restarted, however, generator output voltage buildup did not occur and the diesel generator was shut down.

II. CAUSE OF THE OCCURRENCE

The follow-up investigation revealed that the generator potential transformers (PT's) were disconnected and two fuses were blown in the excitation system services boost circuit. Apparently the locking bar for the PT compartment was never secured, and as a result of the shock from the generator breaker closing (to load the generator), the hinged PT compartment opened, disconnecting the PT's.

This resulted in removing the input signal to the frequency meter and provided a zero generator output voltage signal to the voltage regulator. This led to the services boost circuit blown fuses.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit II facility was in a long term cold shutdown state. The reactor decay heat was being removed via natural circulation to the A steam generator which is operating in a 'steaming' mode. Throughout the event there was no Loss of Natural Circulation heat removal in the RCS system.

IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

The PT's were reconnected and the locking bar was secured. The blown fuses were replaced and the diesel generator was successfully tested per 4303-M16D.

The personnel responsible for diesel generator maintenance will be instructed in the proper securing method for the PT cabinet on the white diesel generator.

V. COMPONENT FAILURE DATA

N/A