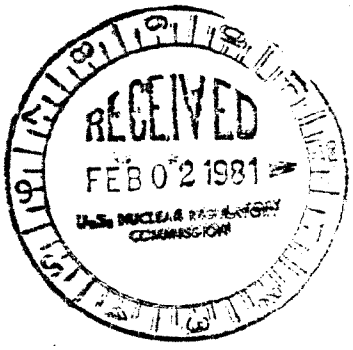
Met-Ed / GPU

Metropolitan Edison Company
Post Office Box 480
Middletown, Pennsylvania 17057

Writer's Direct Dial Number

January 26 , 1981
LL2-81-0021



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 80-059/03L-0

Attached please find Licensee Event Report 80-059/03L-0 concerning the Emergency Diesel Generator DF-X-1A Trip on December 26, 1980.

This event concerns Section 3.8.1.1 and is considered reportable under Section 6.9.1.9(b) of the Interim Recovery Technical Specifications.

Sincerely,

G. K. Hovey
Vice-President and
Director, TMI-2

GKH:SDC:djb

Attachments

cc: L. Barrett, Deputy Program Director
B. J. Snyder, Program Director-TMI Office

A002
S 1/1

392 S

Attachment 1
LL2-81-0021

LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 — LICENSEE CODE: P A T M I 2 (2) — LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3) — LICENSE TYPE: 4 1 1 1 1 (4) — CAT (5)

CON'T 0 1 — REPORT SOURCE: L (6) — DOCKET NUMBER: 0 5 0 0 0 3 2 0 (7) — EVENT DATE: 1 2 2 6 8 0 (8) — REPORT DATE: 0 1 2 6 8 1 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 At 1320 hours on December 26, 1980, the A Emergency Diesel Generator(EDG) DF-X-1A was
0 3 started during a training exercise. The EDG started but tripped after approx.
0 4 9 seconds. This event was not a violation of any Tech.Spec. This event is
0 5 reportable under Tech.Spec 6.9.1.9(b) due to entry into the action statement of Spec.
0 6 3.8.1.1 by equipment failure. This event is similar to S.R.80-003, LER's 80-09 and
0 7 80-028. This event had no effect on the plant, its operation, or the health and
0 8 safety of the public.

0 9 — SYSTEM CODE: E E (11) — CAUSE CODE: E (12) — CAUSE SUBCODE: A (13) — COMPONENT CODE: R E L A Y X (14) — COMP. SUBCODE: H (15) — VALVE SUBCODE: Z (16)

(17) LER/RO REPORT NUMBER — EVENT YEAR: 8 0 — — — SEQUENTIAL REPORT NO.: 0 5 9 — / — OCCURRENCE CODE: 0 3 — REPORT TYPE: L — — — REVISION NO.: 0

ACTION TAKEN: A (18) — FUTURE ACTION: Z (19) — EFFECT ON PLANT: Z (20) — SHUTDOWN METHOD: Z (21) — HOURS (22): 0 0 0 0 — ATTACHMENT SUBMITTED: Y (23) — NPRD-4 FORM SUB.: N (24) — PRIME COMP. SUPPLIER: X (25) — COMPONENT MANUFACTURER: I 0 0 5

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Upon further investigation it was determined that the cause of the EDG Trip was the
1 1 result of a failure in the alarm delay relay, T3B-low lube oil pressure, in the
1 2 EDG starting circuitry. The relay and coil were replaced. The component manufacturer
1 3 will be contacted to determine if there is a history of this type of failure.
1 4

1 5 — FACILITY STATUS: X (28) — % POWER: 0 0 0 (29) — OTHER STATUS (30): Recovery Mode — METHOD OF DISCOVERY: A (31) — DISCOVERY DESCRIPTION (32): Operator observation

1 6 — ACTIVITY RELEASED: Z (33) — CONTENT OF RELEASE: Z (34) — AMOUNT OF ACTIVITY (35): N/A — LOCATION OF RELEASE (36): N/A

1 7 — PERSONNEL EXPOSURES — NUMBER: 0 0 0 (37) — TYPE: Z (38) — DESCRIPTION (39): N/A

1 8 — PERSONNEL INJURIES — NUMBER: 0 0 0 (40) — DESCRIPTION (41): N/A

1 9 — LOSS OF OR DAMAGE TO FACILITY (43) — TYPE: Z (42) — DESCRIPTION: N/A

2 0 — PUBLICITY — ISSUED: N (44) — DESCRIPTION (45): N/A — NRC USE ONLY

8102030394

NAME OF PREPARER: Steven D. Chaplin — PHONE: (717) 948-8461

LICENSEE EVENT REPORT
NARRATIVE REPORT
TMI-II

LER 80-059/03L-0
EVENT DATE - December 26, 1980

I. EXPLANATION OF OCCURRENCE

At 1320 hours on December 26, 1980, the A Emergency Diesel Generator (EDG) DF-X-1A was started during a training excercise. The EDG started and accelerated to speed properly, but tripped after approximately 9 seconds. Since no cause could be determined a second start attempt was made. This time the EDG started and continued operating properly. The EDG was declared operable by successfully completing surveillance procedure 4303-MI6A at 1400 hours that same day.

This is not a violation of any Technical Specification. This event is reportable under Technical Specification 6.9.1.9(b) due to entry into the action statement of Spec. 3.8.1.1 by equipment failure.

This event is of similar nature, ie: EDG Trip, to Special Report 80-03/99X-0 and, LER's 80-09/03L-0 and 80-028/03L-0.

II. CAUSE OF THE OCCURRENCE

Upon further investigation, it was determined that the cause of the EDG trip was the result of a failure in the alarm delay relay, T3B-low lube oil pressure, in the EDG starting circuitry. This resulted in a premature timing out of the low lube oil pressure alarm delay relay.

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

IMMEDIATE
The relay, including the failed coil, was replaced on December 27, 1980 followed by another completion of Surveillance Procedure 4303-M16A to show operability of the EDG.

LONG TERM

The coil failure will be discussed with the manufacturer to determine if there is a history of this type of failure. No other long term action is considered appropriate at this time.

V. COMPONENT FAILURE DATA

Relay: Manufacturer - GOULD-ITE Inc.
Catalog No. J13P20

Coil: Part No. G10JA12D