

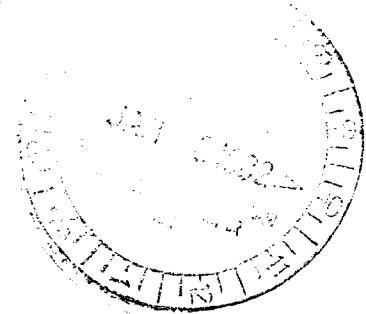


JAN 27 1982

Metropolitan Edison Company
Post Office Box 480
Middletown, Pennsylvania 17057

Writer's Direct Dial Number

June 8, 1981
LL2-81-0157



Office of Inspection and Enforcement
Attn: B. H. Crier, 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 81-014/03L-0

Attached please find Licensee Event Report 81-014/03L-0 concerning the identification on May 7, 1981 of missed surveillance for the Fire Service Diesel Engine.

This event concerns Sections 4.7.10.1.2.c.1 and 4.7.10.1.3.c and is considered reportable under Section 6.9.1.9(c) of the Interim Recovery Technical Specifications.

Sincerely,

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

GKH:SDC:vjf

Attachments

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

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LICENSEE EVENT REPORT

ATTACHMENT 1

2-81-0157

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

0 1 | P | A | T | M | I | 2 | 0 | 0 | - | 0 | 0 | 0 | 0 | 0 | - | 0 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5

CON'T REPORT SOURCE L 6 | 0 | 5 | 0 | 0 | 0 | 3 | 2 | 0 | 7 | 0 | 5 | 0 | 7 | 8 | 1 | 8 | 0 | 6 | 0 | 8 | 8 | 1 | 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES

0 2 | On May 7, 1981, site personnel observed corrosion on the battery terminals of the
0 3 | Unit 2 diesel fire pump (FS-P-1). An investigation showed that surveillance procedure
0 4 | 3301-R1 had not been rescheduled or performed since September 1977. This surveillance
0 5 | procedure performs the requirements of Tech Spec 4.7.10.1.2.c.1 and 4.7.10.1.3.c and
0 6 | is considered reportable under Section 6.9.1.9(c).
0 7 | This event had no effect on the plant, its operation or the health and safety of
0 8 | the public.

0 9 | SYSTEM CODE A B | CAUSE CODE A | CAUSE SUBCODE X | COMPONENT CODE E N G I N E | COMP. SUBCODE Z | VALVE SUBCODE Z

17 | LER/RO REPORT NUMBER 8 1 | SEQUENTIAL REPORT NO. 0 1 4 | OCCURRENCE CODE 0 3 | REPORT TYPE L | REVISION NO. 0

ACTION TAKEN X | FUTURE ACTION X | EFFECT ON PLANT Z | SHUTDOWN METHOD Z | HOURS 0 0 0 0 | ATTACHMENT SUBMITTED Y | NPRD-4 FORM SUB. N | PRIME COMP. SUPPLIER A | COMPONENT MANUFACTURER C 7 4 2

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS

1 0 | The cause has been determined to be an error in entering the surveillance into the
1 1 | computer which resulted in the surveillance not being rescheduled after its initial
1 2 | performance. The surveillance was performed on May 15, 1981, proper entry into the
1 3 | computer data base was verified.

1 4 | FACILITY STATUS X | % POWER 0 0 0 | OTHER STATUS Recovery Mode | METHOD OF DISCOVERY C | DISCOVERY DESCRIPTION OQA personnel observation/investigation

1 5 | ACTIVITY CONTENT RELEASED OF RELEASE Z | AMOUNT OF ACTIVITY N/A | LOCATION OF RELEASE N/A

1 6 | PERSONNEL EXPOSURES NUMBER 0 0 0 | TYPE Z | DESCRIPTION N/A

1 7 | PERSONNEL INJURIES NUMBER 0 0 0 | DESCRIPTION N/A

1 8 | LOSS OF OR DAMAGE TO FACILITY TYPE Z | DESCRIPTION N/A

1 9 | PUBLICITY ISSUED N | DESCRIPTION N/A

2 0 | PDR ADOCK 05000320 | PDR | NRC USE ONLY

NAME OF PREPARER Steven D. Chaplin

PHONE: (717) 948-8461

LICENSEE EVENT REPORT
NARRATIVE REPORT
TMI-II
LER 81-014/03L-0
EVENT DATE - May 7, 1981

I. EXPLANATION OF OCCURRENCE

On May 7, 1981, site personnel observed corrosion on the battery terminals of the Unit 2 diesel fire pump (FS-P-1). Upon investigation, it was found that the surveillance procedure 3301-R1, "Fire Service Diesel Engine Inspection", has not been scheduled or performed since September 1977. This station surveillance procedure covers Unit 1 diesels FS-P-1 and FS-P-3 and the Unit 2 diesel, FS-P-1.

Surveillance procedure 3301-R1 was issued to implement sections 4.7.10.1.2.c.1 (fire pump diesel engine inspection) and 4.7.10.1.3.c (diesel starting battery inspection) of the Tech. Specs. The requirements of these paragraphs are to be performed on an 18-month frequency. The surveillance was performed in September 1977, but due to improper computer entry it consequently was not rescheduled by the computer. Therefore, this item is considered reportable under Technical Specification 6.9.1.9(c) as a missed surveillance.

There have been no significant occurrences which have taken place as a result of the missed surveillance (i.e. component failures, etc.).

The referenced Tech. Spec. requirements involve an inspection of each diesel engine in accordance with its manufacturer's (Cummins) recommendations and a visual inspection of the batteries. Operability of the components has been assured during the time frame by the performance of the following surveillance and maintenance. The Cummins representative inspected the Unit 2 FS-P-1 in April of 1979. This was a result of improper diesel operation. Additionally, weekly surveillance has been performed on the battery water level and voltage; monthly surveillance to manually start and run the diesels while checking associated parameters; quarterly surveillance to check the battery electrolyte specific gravity and level and to auto start and run the diesels; and refueling interval surveillance to check the pump head/flow curve. Additionally, the lubricating oil has been changed on a quarterly basis.

II. CAUSE OF THE OCCURRENCE

Failure to properly schedule the surveillance as required by the Technical Specifications caused this event.

III. CIRCUMSTANCES SURROUNDING THE OCCURRENCE

At the time of the occurrence, the Unit 2 facility was in a long-term cold shutdown state. The reactor decay heat was being removed via loss to ambient. Throughout the event there was no effect on the Reactor Coolant System or the core.

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IV. CORRECTIVE ACTIONS TAKEN OR TO BE TAKEN

IMMEDIATE

Surveillance procedure 3301-R1 was performed on the Unit 1 diesels (FS-P-1 on May 13, 1981 and FS-P-3 on May 14, 1981) and Unit 2 diesel (FS-P-1 on May 15, 1981). Proper entry into the computer data base was verified.

The Unit 2 Technical Specification have been reviewed to ensure that surveillance requirements are properly reflected in procedures. All such procedures have been verified to be properly reflected in the schedule.

V. COMPONENT FAILURE DATA

LONG TERM

No further actions are appropriate.