NRC FORM 366 (7-77)

U. S. NUCLEAR REGULATORY COMMISSION

LICENSEE EVENT REPORT

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

[0 1] [P A T M I 1] (2) [0 0 - 0 0 0 0 0 - 0 0] (3) [4 1 1 1 1] (4) [ ] (5)
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T
[0 1] REPORT SOURCE [L] (6) [0 5 0 0 0 2 8 9] (7) [0 5 0 7 8 1] (8) [0 6 1 0 8 1] (9)
7 8 60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

[0 2] While in the long-term cold shutdown condition, site personnel observed corrosion
[0 3] on Unit 2 diesel fire pump battery terminals. The surveillance procedure
[0 4] for servicing this pump and the Unit 1 fire pumps had never been scheduled or per-
[0 5] formed. The procedure was improperly entered into the computer data base and
[0 6] proper entry was not verified. This item is reported per T. S. 6.9.2.B.3.
[0 7]
[0 8] 7 8 9 80

[0 9] SYSTEM CODE [A B] (11) CAUSE CODE [A] (12) CAUSE SUBCODE [X] (13) COMPONENT CODE [Z Z Z Z Z Z] (14) COMP SUBCODE [Z] (15) VALVE SUBCODE [Z] (16)
7 8 9 10 11 12 13 18 19 20

(17) LER/RO REPORT NUMBER: EVENT YEAR [8 1] 21 22 | [—] 23 | SEQUENTIAL REPORT NO. [0 0 6] 24 26 | [/] 27 | OCCURRENCE CODE [0 3] 28 29 | REPORT TYPE [L] 30 | [—] 31 | REVISION NO. [0] 32

ACTION TAKEN [X] (18) FUTURE ACTION [X] (19) EFFECT ON PLANT [Z] (20) SHUTDOWN METHOD [Z] (21) HOURS (22) [0 0 0 0] 37 40 ATTACHMENT SUBMITTED [Y] (23) NPRD-4 FORM SUB. [N] (24) PRIME COMP. SUPPLIER [Z] (25) COMPONENT MANUFACTURER [Z 9 9 9] (26)
33 34 35 36 41 42 43 44 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

[1 0] Failure to perform the surveillance was due to not including the surveillance i.
[1 1] the computer tracking system. The fire pumps did not fail to work during their
[1 2] functional surveillance tests. Entry of the surveillance into the computer data
[1 3] base was verified. T.S. will be reviewed to ensure all surveillances are in data
[1 4] base.
7 8 9 80

[1 5] FACILITY STATUS [X] (28) % POWER [0 0 0] (29) OTHER STATUS (30) [NRC Order] 13 44 METHOD OF DISCOVERY [A] (31) DISCOVERY DESCRIPTION (32) [Observed by personnel] 45 46 80

[1 6] ACTIVITY RELEASED [Z] (33) CONTENT OF RELEASE [Z] (34) AMOUNT OF ACTIVITY (35) [NA] 11 44 LOCATION OF RELEASE (36) [NA] 45 80

[1 7] PERSONNEL EXPOSURES NUMBER [0 0 0] (37) TYPE [Z] (38) DESCRIPTION (39) [NA] 12 13 80

[1 8] PERSONNEL INJURIES NUMBER [0 0 0] (40) DESCRIPTION (41) [NA] 11 12 80

[1 9] LOSS OF OR DAMAGE TO FACILITY TYPE [Z] (42) DESCRIPTION [NA] 10 80

8201070092 810601
PDR ADOCK 05000289
S PDR

[2 0] PUBLICITY ISSUED [N] (44) DESCRIPTION (45) [NA] 10 68 NRC USE ONLY [ ] 69 80

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LER 81-06

MISSED SURVEILLANCE ON FIRE SERVICE DIESEL ENGINES

I. Current Activities At The Time Of The Occurrence

TMI Unit 1 was in a long-term cold shutdown condition.

II. Circumstances Leading To The 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 for Fire Service Diesel Engine Inspection (3301-R1) had not been scheduled or performed. This station surveillance procedure covers Unit 1 diesels FS-P-1 and FS-P-3 and the Unit 2 diesel, FS-P-1.

III. Description

Unit 1 has been in extended cold shutdown conditions since February, 1979. Technical Specification 4.18.2 was issued on November 30, 1977, and Surveillance Procedure 3301-R1 was issued on February 2, 1978, to implement 4.18.2.2.c.1 (fire pump diesel engine inspection) and 4.18.2.3.c (diesel starting battery inspection). The requirements of these paragraphs are to be performed on an 18-month frequency.

The surveillance procedure 3301-R1 was improperly entered into the computer data base for scheduling and proper entry was not verified. The surveillance was consequently not scheduled by the computer. Therefore, this item is considered reportable under Technical Specification 6.9.2.B.(3) as a missed surveillance.

IV. Resultant Events

Since there was no failure of components, there are no significant occurrences which have taken place as a result of the missed surveillance.

The referenced Tech Spec requirements involve an inspection of each diesel in accordance with its manufacturer's recommendations and a visual inspection of the batteries. Operability of the components has been assured by the performance of the following surveillance and maintenance. The Cummins diesel representative and TMI Maintenance rebuilt FS-P-1 in 1978, and FS-P-3 in April and May of 1979. The Cummins representative inspected the Unit 2 FS-P-1 in April 1979. 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; refueling interval surveillance to check the pump head/flow curve. Additionally, the lubricating oil has been changed on a quarterly basis.

V. Previous Events Of A Similar Nature

LER 80-011/03L-0 reported a missed surveillance on the Reactor Building Spray System Compressed Air Test (5 year interval). The cause was improper scheduling.

VI. Root Cause

Failure to properly schedule the surveillance as required by the Technical Specifications caused these events

VII. Immediate Corrective Action

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

VIII. Long Term Corrective Action

The Unit 1 Technical Specifications will be reviewed to ensure that all surveillance requirements are properly reflected in procedures. All such procedures will be verified to be properly reflected in the schedule.

XI. Component Failure Data

Since no components failed, no data is included here.