

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Fermi 2	DOCKET NUMBER (2) 0 5 0 0 0 3 4 1	PAGE (3) 1 OF 0 3
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TITLE (4)
Fire Barrier Violation

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)							
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)					
0	4	0	2	8	5	8	5	0	0	4	0	0	0	0	0	0
0	4	0	2	8	5	8	5	0	0	4	0	0	0	0	0	0

OPERATING MODE (9) 5		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)																			
POWER LEVEL (10) 0 1 0 0	20.402(b)	20.406(a)(1)(i)	20.406(a)(1)(ii)	20.406(a)(1)(iii)	20.406(a)(1)(iv)	20.406(a)(1)(v)	20.406(c)	50.36(a)(1)	50.36(c)(2)	50.73(a)(2)(i)	50.73(a)(2)(ii)	50.73(a)(2)(iii)	50.73(a)(2)(iv)	50.73(a)(2)(v)	50.73(a)(2)(vi)	50.73(a)(2)(vii)(A)	50.73(a)(2)(vii)(B)	50.73(a)(2)(ix)	73.71(b)	73.71(c)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)

LICENSEE CONTACT FOR THIS LER (12)										TELEPHONE NUMBER	
NAME A.E. Wegele, Compliance Engineer										AREA CODE 3 1 1 3 5 8 1 6 - 1 5 1 3 1 3	

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)									
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)						EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE) <input type="checkbox"/> NO <input checked="" type="checkbox"/>									

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On April 2, 1985, at about 1330 hours a floor plug was removed which is part of a fire rated assembly and CO₂ suppression system boundary. The floor plug had been removed to allow the transport of equipment between the third and fourth floors of the Auxiliary Building.

Contrary to plant technical specifications, a fire watch was not established within one hour. This condition existed until 1540 hours on April 4, 1985, at which time the floor plug was secured. During the event, the plant was in operational condition 5 with core alterations in progress for initial fuel load. There were no significant operational occurrences as a result of the event.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

FACILITY NAME (1) Fermi 2	DOCKET NUMBER (2) 0 5 0 0 0 3 4 1 8 5 - 0 0 4 - 0 0 0 2 OF 0 3	LER NUMBER (8)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

TEXT (If more space is required, use additional NRC Form 368A's) (17)

On March 28, 1985, a work order was assigned by the Major Modifications Group to contractor personnel to perform removal and reinstallation of foam seals around penetrations V9007 and V9008. These are floor penetrations through the fifth floor of the Auxiliary Building. The foam seals were removed to facilitate the installation of fire dampers in HVAC ducts that passed through these fifth floor penetrations. After the dampers were installed the foam seals were reinstalled. The work order properly identified the penetration seals as fire rated assemblies required by technical specifications, and a fire watch was established as required by Technical Specification 3.7.8.

On April 2, 1985, while the foam seal work was ongoing, the contractor requested to have the machine used to install the foam seals replaced with a recently purchased unit. The contractor supervisor contacted the Detroit Edison Maintenance Section General Foreman requesting that the floor plug located on the fourth floor of the Auxiliary Building at coordinates H-12 be removed to allow transport of the foam seal machines.

The Maintenance Section General Foreman directed maintenance contractor personnel to remove the floor plug. The floor plug which is a fire rated assembly and CO₂ suppression system boundary required by Technical Specification sections 3.7.8 and 3.7.7.3 respectively, was removed at about 1330 hours. Contrary to the plant technical specifications, a fire watch was not established within one (1) hour. A fire watch was not established because at the time the personnel involved were not aware that the floor plug was required by plant technical specifications.

On April 4, 1984, the Nuclear Operations-Fire Protection Supervisor was making a routine inspection of the area when he discovered that the floor plug was removed. He notified the Nuclear Shift Supervisor (NSS) of the condition at 1445 hours. The NSS directed maintenance personnel to reinstall the floor plug. At 1540 hours, the floor plug installation was completed. During the time the floor plug was removed, the plant was in operational condition 5 with core alterations in progress for initial fuel load. There were no significant operational occurrences as a result of the event.

Because replacement of the foam seal machine was not a necessary activity for completing the penetration seal task, removal of the fourth floor plug was not included in the scope of the work order. If it had been part of the scope, the procedure governing preparation and processing of work orders would have required the preparer of the work order to:

1. identify on the work order that the work scope involved the removal of a fire barrier;
2. include specific provisions in the work order for reinstatement of the fire barrier, including ensuring that actions were taken so that Technical Specifications were not violated.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

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TEXT (If more space is required, use additional NRC Form 385A's) (17)

The procedure also requires that work performed must be limited to the scope specified by the work order. When requested to remove the fourth floor plug, the Maintenance Section General Foreman considered that it was a support activity that did not require a change to the work order. Also, because the floor plug was not labeled to identify it as a fire barrier, no one involved was aware of the significance of its removal nor did they contact the NSS.

An evaluation of this event indicated that the impact on the effectiveness of the CO₂ suppression system was negligible, and that the fire zones in the area have a low combustible loading. Also, both of the fire zones are inspected hourly by a roving watch. Although the fire watch was not cognizant of this specific situation, he was monitoring the area for placement of transient combustibles as part of his duties. During the time the floor plug was removed, the fire detection systems in both zones were operable, and portable extinguishers and hose stations were available.

The following corrective actions have been taken:

1. Work order procedures, and procedural and technical specification requirements for fire barriers have been reviewed by appropriate Maintenance Section and contractor personnel.
2. All floor plugs which are part of a rated fire assembly or CO₂ system boundary have been labeled with appropriate warning and authorization requirements.

**Detroit
Edison**

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Detroit, Michigan 48226
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May 6, 1985
NP-85-432

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Gentlemen:

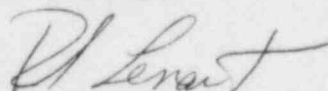
Reference: Fermi 2
NRC Operating License No. NPF-33

Subject: Transmittal of Licensee Event Report
No. 85-004

Please find enclosed LER No.85-004-00, dated May 6, 1985,
for a reportable event which occurred on April 2, 1985.
As indicated below, a copy of this LER is being sent to
the Region III office.

If you have any questions, please contact us.

Sincerely,



R. S. Lenart
Superintendent
Nuclear Production

Enclosure: NRC Forms 366, 366A

cc: Mr. P.M. Byron

Regional Administrator
USNRC Region III
799 Roosevelt Rd.
Glen Ellyn, IL 60137

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