

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Fermi 2										DOCKET NUMBER (2) 0 5 0 0 0 3 4 1 1 OF 0 2										PAGE (3) 1 OF 0 2									
TITLE (4) Isolation of RWC System																													
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	6	1	4	8	5	8	5	0	2	5	0	0	0	7	1	2	8	5	0	5	0	0	0						
OPERATING MODE (9) 4												THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																	
POWER LEVEL (10) 0 0 0 0		20.402(a)				20.408(a)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)															
		20.408(a)(1)(i)				50.36(a)(1)				<input type="checkbox"/> 50.73(a)(2)(v)				73.71(a)															
		20.408(a)(1)(ii)				50.36(a)(2)				<input type="checkbox"/> 50.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 308A)															
		20.408(a)(1)(iii)				50.73(a)(2)(i)				<input type="checkbox"/> 50.73(a)(2)(viii)(A)																			
		20.408(a)(1)(iv)				50.73(a)(2)(ii)				<input type="checkbox"/> 50.73(a)(2)(viii)(B)																			
		20.408(a)(1)(v)				50.73(a)(2)(iii)				<input type="checkbox"/> 50.73(a)(2)(ix)																			
LICENSER CONTACT FOR THIS LER (12)												TELEPHONE NUMBER																	
NAME A. E. Wegele, Compliance Engineer												AREA CODE 3 1 1 3 5 8 6 - 5 3 1 3																	
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																													
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS																			
SUPPLEMENTAL REPORT EXPECTED (14)												EXPECTED SUBMISSION DATE (15)				MONTH				DAY				YEAR					
YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO																	
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)																													

On June 14, 1985 while in Operational Condition 4 and prior to initial criticality, the Reactor Water Cleanup (RWC) System isolated at 0945 and at 1500 hours respectively. All plant systems performed as designed during both events.

Both isolations were caused by spurious electrical signals generated during the reinstallation of fuses in the steam leak detection circuitry.

Caution signs will be installed in the electrical panels in which the fuses are located directing that the Nuclear Shift Supervisor should be contacted prior to installing fuses since an isolation would result.

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## LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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

TEXT (If more space is required, use additional NRC Form 365A's) (17)

On June 14, 1985 at 0945 hours while the plant was in Operational Condition 4 and prior to initial criticality, the Division II Reactor Water Cleanup (RWCU) system isolated. The RWCU pumps tripped as designed.

At 1000 hours the control room operator restarted the RWCU pumps. At 1500 hours on the same day in the same operational condition, the Division I RWCU system isolated. The RWCU system was restarted by the control room operator at 1505 hours.

All systems functioned as designed during the two events. Both events were caused by spurious electrical signals generated when the power fuses were reinstalled in the steam leak detector circuitry after a system modification. The cause of both isolations was confirmed by a test on July 9, 1985 in which the power fuses to the steam leak detectors were removed and reinstalled. As expected, the RWCU system isolated when the fuses were reinstalled.

Caution signs will be installed in the electrical cabinets in which the fuses are located directing that the Nuclear Shift Supervisor (NSS) be notified prior to installing the fuses since an isolation would result. The NSS may then take whatever actions are appropriate at the time.

**Detroit  
Edison**

2000 Second Avenue  
Detroit, Michigan 48226  
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July 12, 1985  
NP-85-779

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

Gentlemen:

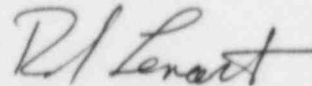
Reference: Fermi 2  
NRC Operating License No. NPF-33

Subject: Transmittal of Licensee  
Event Report No. 85-025

Please find enclosed LER No. 85-025-00, dated July 12, 1985, for a reportable event which occurred on June 14, 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  
Mr. M.D. Lynch

Regional Administrator  
USNRC Region III  
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