

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)
Reactor Water Cleanup System Isolation Valve Closure

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 NAME	DOCKET NUMBER (8)		
06	22	85	85	024	0	07	19	85		0 5 0 0 0		
										0 5 0 0 0		

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 8: (Check one or more of the following) (11)

OPERATING MODE (9) 2	20.402(b)	20.408(e)	<input checked="" type="checkbox"/>	90.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 0.01	20.408(a)(1)(i)	90.38(a)(1)	<input type="checkbox"/>	90.73(a)(2)(v)	73.71(a)
	20.408(a)(1)(ii)	90.38(a)(2)	<input type="checkbox"/>	90.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 356A)
	20.408(a)(1)(iii)	90.73(a)(2)(i)	<input type="checkbox"/>	90.73(a)(2)(vii)(A)	
	20.408(a)(1)(iv)	90.73(a)(2)(ii)	<input type="checkbox"/>	90.73(a)(2)(viii)(B)	
	20.408(a)(1)(v)	90.73(a)(2)(iii)	<input type="checkbox"/>	90.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME
A.E. Wegele, Compliance Engineer

TELEPHONE NUMBER
AREA CODE: 3 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)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)
MONTH: DAY: YEAR:

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

On June 22, 1985 while the plant was in OPERATIONAL CONDITION 2 at less than 1% power, the reactor water cleanup (RWCU) System isolated at 0732 and 2113 hours, respectively. Both isolations were caused by a false high differential flow signal because the differential flow instrumentation was out of calibration. The instrumentation was recalibrated following the second event.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
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TEXT (If more space is required, use additional NRC Form 366A's) (17)

On June 22, 1985 at 0732 hours while the plant was in OPERATIONAL CONDITION 2 at less than 1% power, the reactor water cleanup (RWCU) System isolated. Prior to the isolation, the RWCU system was being operated at 100% capacity to maintain water chemistry and was being used to maintain reactor water level. The isolation occurred immediately after the Control Room operator increased the reject flow rate to maintain reactor water level. Review of the Sequence of Events Recorder printout confirmed the cause of the isolation as a high differential flow signal. The RWCU system was restarted at 0955 hours. A similar event occurred at 2113 hours on the same day and under the same conditions. A work order was prepared to recalibrate the differential flow instrumentation after the second event. The calibration check confirmed that the instrumentation had been indicating an erroneously high value for differential flow such that the small increase in reject flow rate caused the isolation setpoint to be exceeded.

The instrument was recalibrated and has performed satisfactorily since. The Technical Specifications require a monthly functional test of this instrumentation and also require an 18 month calibration. No further corrective action is considered necessary.

No safety significance is attached to this event.

**Detroit
Edison**

2000 Second Avenue
Detroit, Michigan 48226
(313) 237-8000

July 19, 1985
NP-85-805

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

Gentlemen:

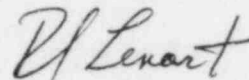
Reference: Fermi 2
NRC Operating License No. NPF-43

Subject: Transmittal of Licensee
Event Report No. 85-024

Please find enclosed LER No. 85-024-00, dated July 19, 1985, for a reportable event which occurred on June 22, 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
Assistant Manager
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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Glen Ellyn, IL 60137

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