

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 2

TITLE (4)

Reactor Scrams During RPS Shorting Link Installation

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	2	8	8	5	8	5	0	1	2	0	5	0	0	0		

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)																			
5	20.402(b)				20.405(c)				<input checked="" type="checkbox"/> 50.73(a)(2)(iv)				73.71(b)							
POWER LEVEL (10)	0 0 0				20.405(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(e)			
					20.405(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)			
					20.405(a)(1)(iii)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)							
					20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)							
					20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)							

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
A. E. Wegele, Compliance Engineer	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 NPDs	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDs

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

On April 28, 1985 at 0132 hours with the plant in operational condition 5, a reactor scram occurred during installation of the RPS shorting links. A second scram occurred soon after reset of the first scram, while the second shorting link was being installed in panel H11-P611.

The root cause of these scrams was personnel failure to comply with written procedures. The latest revision of the procedure required the operator to install one link in panel H11-P609 then one in H11-P611, then another in P609 and another in P611. Instead, working to an earlier version of the procedure, the operator installed the two links for panel P609 and then attempted to install the two links for panel P611. The two scrams occurred while the two links in panel P611 were being installed. To prevent recurrence, this event is being reviewed with all licensed personnel.

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PDR ADOCK 05000341
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Fermi 2	0500034185	-01	2	-010	02	OF 02

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

On April 28, 1985 at 0132 hours with the plant in operational condition 5, a reactor scram occurred during installation of the RPS shorting links. A second scram occurred soon thereafter, following reset of the first scram, while the second RPS shorting link was being installed.

The operator installing the shorting links failed to follow the guidance of the written procedure for this installation. The procedure had recently been changed and the operator was unaware of the impact of the changes.

The root cause of this event was personnel failure to comply with written procedures. The procedure for installation of the RPS shorting links required the operator to install one shorting link between terminals CC75 and CC76 in panel H11-P609 and one between terminals CC77 and CC78 in panel H11-P611. The operator then was to install a shorting link between terminals CC77 and CC78 in panel H11-P609 and one between terminals CC75 and CC76 in panel H11-P611. The two shorting links for panel H11-P609 were installed without incident. To install the first shorting link in panel H11-P611, the operator loosened the screws on terminals CC75(B) and CC76(B). As he inserted the shorting link, the first scram occurred, probably due to momentary loss of continuity.

The control room NSO promptly attempted to reset the scram, but only RPS "A" reset. RPS "B" would not reset because fuse C71-F15B had been removed as part of the shorting link installation procedure. In the meantime, the operator in the relay room attempted to install the second shorting link in panel H11-P611 and thereby initiated a second scram like the first.

To prevent recurrence of this event, the event report is being reviewed by all licensed personnel in the required reading program and in the licensed operator training and requalification training programs. In addition, warning signs describing the relationship of circuits on the terminal board have been installed on panels H11-P609 and H11-P611. The proper (current revision) procedure for installation and removal of the shorting links has been discussed with the operators involved. Further, Edison is taking steps to provide greater assurance that operators are informed when procedure changes affect their activities.

**Detroit
Edison**

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May 28, 1985
NP-85-0577

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

Gentlemen:

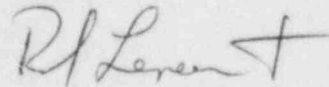
Reference: Fermi 2
NRC Operating License No. NPF-33

Subject: Transmittal of Licensee Event Report No. 85-012

Please find enclosed LER No. 85-012-00, dated May 28, 1985, for a reportable event which occurred on April 28, 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
799 Roosevelt Road
Glen Ellyn, Illinois 60137

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