

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 1 5 - 0 0	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
					0 2	OF	0 3

TEXT (If more space is required, use additional NRC Form 388A's) (17)

On May 6, 1985 at 1401 hours, with the plant in operational condition 5 and no core alterations in progress, an RPS actuation occurred on an erroneous indication of reactor vessel level 3. The scram occurred while reactor vessel level instrument B21-N081C was being returned to service after calibration. No control rods moved because all were already fully inserted before the scram.

Following the scram, the instrument repairmen restoring the level instrument to service informed the control room Nuclear Supervising Operator (NSO) that the scram occurred as they valved in the reference leg side of the transmitter. The NSO in the control room verified that reactor vessel level was 198 inches and reset the scram.

The scram was caused by a false level 3 signal resulting from the difference in pressure between the reference leg and the instrument being returned to service. During calibration, the instrument was depressurized to atmospheric pressure. The pressure in the reference leg, however, was that of the head of water in the line, about 15 psig in this case. When the instrument was valved back in, the pressure difference caused a perturbation in the reference leg sufficient to reach the level 3 trip setpoint.

Similar events occurred on April 8 (LER 85-005-00) and May 1 (LER 85-014-00). The May 6 event occurred before corrective action from the May 1 event had been implemented. The corrective action identified from the May 1 event included further clarification of the procedure for valving the level instrument back into service and training on a mockup of the valve and instrument arrangement. The procedure clarification (Procedure Change Request T1731 to Fermi-2 procedure 41.000.09) was written and approved May 11, 1985.

At the time of the May 6 event, training on the mockup was delayed to permit installation of valves more closely resembling the valves in the plant. Following the May 6 event, all instrument repairmen were directed to cease all valving operations on instruments with shared reference legs until they were trained on the mockup of the valve arrangement. Since the May 6 event, the mockup has been completed, including installation of valves which more closely simulate those in the plant than were first installed in the mockup. All I&C personnel who may be required to

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 1 5 - 0 0 0 3 OF 0 3	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

TEXT (If more space is required, use additional NRC Form 305A's) (17)

valve reactor vessel level instruments in and out of service will receive training on the mockup. At this time, more than half of the repairmen have been trained on the mockup. Only those who have been trained on the mockup are allowed to valve reactor vessel level instruments in and out of service. Since the May 6 event, no scrams have occurred because of valving reactor vessel level instruments in and out of service by requalified repairmen.

**Detroit
Edison**

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

May 31, 1985
NP-85-593

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

Gentlemen:

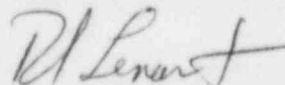
Reference: Fermi 2
NRC Operating License No. NPF-33

Subject: Transmittal of Licensee Event Report No. 85-015

Please find enclosed LER No. 85-015-00, dated May 31, 1985, for a reportable event which occurred on May 6, 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

1E22
11