RC Porm 366 9-03)			LIC	ENSEE EVE	NT RE	PORT	(LER)	U.S. N	UCLEAR NEGULAT APPROVED OMB NO EXPIRES 8/31/85	ORY COMMISSION 0. 3150-0104			
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VAME	A. E. W	egele, Co	mpliance	e Engineer				AREA CODE	5 8 61-	5 1 <sup>3</sup> 1 <sup>1</sup> 1 <sup>3</sup>			
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)		LER NUMBER (6)					PAGE (3)		
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On April 8, 1985 at 1626 hours, while performing a calibration surveillance on reactor water level instrumentation, a full scram signal was generated. The plant was in Operational Condition 5 with no core alterations in progress and all control rods fully inserted at the time.

The scram signal was caused by a pressure transient induced in the common reference leg shared by numerous reactor level and pressure instruments. When returning the pressure transmitter to service, the instrument technicians opened the isolation valve connecting the instrument to the reference leg. The reference leg was at a head pressure of about 15 psig while the instrument was at atmospheric pressure (0 psig). The equalization of pressure which occurs when the isolation valve is opened too quickly can and did cause a pressure transient in the reference leg. This resulted in an erroneous level 8 indication (214 inches above top of active fuel) then level 3 indication (173.4 inches above top of active fuel) and another level 8 indication on other reactor vessel water level transmitters sharing the common reference leg.

The level 3 indication generated a full scram signal as designed as well as an isolation signal to valve groups four (4), thirteen (13) and fifteen (15). Groups four (4) and fifteen (15) were already closed and group thirteen (13) isolated as designed.

A mockup of a typical pressure transmitter and valve arrangement has been constructed to use in training instrument technicians in proper valving techniques. In addition, the procedure used to return reactor vessel level instruments having a common reference leg to service is being revised to require the instrument to be filled, vented and pressurized to the reference leg pressure prior to opening the isolation valve to the reference leg. The applicable surveillance procedures are being revised to reference the general procedure for returning instruments to service. Edison 2000 Second Avenue Detroit, Michigan 48226 (313) 237-8000

Detroit

May 8, 1985 NP-85-443

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

Gentlemen:

Reference:	Ferr	ni 2			
	NRC	Operating	License	No.	NPF-33

Subject: Transmittal of Licensee Event Report No. 85-005

Please find enclosed LER No.85-005-00, dated May 8, 1985, for a reportable event which occurred on April 8, 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,

RI Lenant

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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U. S. Nuclear Regulatory Commission May 8, 1985 NP-85-443 Page 2

bcc: Approval Control F. E. Agosti H. O. Arora K. J. Brooks W. F. Colbert J. W. Dutton O. K. Earle R. R. Eberhardt L. Esau E. P. Griffing H. F. Heffner W. H. Jens J. D. Leman T. J. O'Keefe T. D. Phillips J. H. Plona E. Preston T. Randazzo R. G. Rateick L. J. Simpkin G. M. Trahey A. E. Wegele

> O. K. Earle (Bethesda Office) OSRO Secretary NSRG Secretary NRR Chron File Secretary's Office (2412 WCB)