

Date: September 20, 1993

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PN39353

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region III staff on this date.

*Sp...*  
*D. G...*  
*T. Martin*  
*W. Babra*

Facility:	<u>Licensee Emergency Classification</u>
Fermi 2	<input type="checkbox"/> General Emergency
The Detroit Edison Co.	<input type="checkbox"/> Site Area Emergency
Newport, Michigan	<input type="checkbox"/> Alert
	<input type="checkbox"/> Unusual Event
Docket No. 50-341	<input checked="" type="checkbox"/> N/A

*Y*  
*MS*

Subject: PERSONNEL INJURY DUE TO MAINTENANCE ERROR

At 6:10 p.m. (EDT), September 17, 1993, while shutting down the Detroit Edison Fermi 2 nuclear power plant to correct a failed heater control valve, the stem shot out of the valve and caused a leak in the feedwater system. Three personnel working on the valve received 1st and 2nd degree burns. They were transported to a local hospital, treated and released. The injured workers were not contaminated.

To isolate the leak between the control valve and the feedwater pump, the reactor, which was at 17 percent power at the time, was manually tripped. All equipment responded normally to the scram, including the water level in the reactor, which decreased to 166 inches above the fuel core, a loss of about 34 inches. The reactor water level was restored by using the standby feedwater system.

Verbal instructions from the Shift Supervisor were miscommunicated to the workers, who subsequently neglected to request approval before initiating repairs to the control valve.

The licensee notified the senior NRC resident inspector, who returned to the site, inspected activities of the licensee that were associated with the plant shutdown and initiated a review into the cause of the event.

There has been local news media interest.

The State of Michigan has been notified. The information in this preliminary notification has been reviewed with licensee management

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PDR I&E  
PNO-III-93-053 PDR  
08-050

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INPO <u>1:20</u>	NSAC <u>1:42</u>	DCS (Orig)
LIC <u>1:32</u>	NRC OPS CTR <u>1:33</u>	DOT
PDR (8/634-3343) <u>1:39</u>	OIG <u>1:30</u>	(Trans)
A. Byrdsong, NRR <u>1:31</u>		
State: MI		

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