

September 11, 2001  
EN 01-029

OFFICE OF ENFORCEMENT  
NOTIFICATION OF SIGNIFICANT ENFORCEMENT ACTION

Licensee: Detroit Edison Company (SDP/EA-01-092)  
Fermi 2 Nuclear Power Plant (Docket No. 50-341)

Subject: ISSUANCE OF THE FINAL DETERMINATION FOR A WHITE FINDING AND  
NOTICE OF VIOLATION

This is to inform the Commission that a Notice of Violation associated with a White Significance Determination Process (SDP) finding will be issued on September 14, 2001, to Detroit Edison Company. This White finding was the result of the staff's assessment of the significance of a catastrophic bearing failure on emergency diesel generator 14 that occurred during a surveillance test on March 21, 2001. The staff concluded that the root cause of this failure was the result of design control deficiencies associated with modifications to the bearing oil sight glass. In 1984, a field change to emergency diesel generator 14 was implemented which included the addition of a stiffener bar. This bar created an interference with the outboard bearing oil level indicator piping which was designed to pass through a cutout in the bar. Failure to properly translate the design of the outboard bearing oil level indicator piping caused the oil sight glass to be installed 7/8 inch lower than the original design. In 1999, this error was perpetuated when "green band" indicators were installed on the sight glass. This resulted in the "green band" for the outboard bearing oil reservoir to be below the vendor recommended minimum oil level. These design control failures resulted in insufficient oil levels in the outboard bearing reservoir, inadequate lubrication of the bearing, and subsequent catastrophic failure during the 24-hour endurance run on March 21, 2001. This was determined to be a violation of 10 CFR 50, Appendix B, Criterion III, Design Control.

It should be noted that the licensee has not yet been specifically informed of the enforcement action. The schedule of issuance and notification is:

Mailing of Notice	September 14, 2001
Telephone Notification of licensee	September 14, 2001

The State of Michigan will be notified.

Contacts: Chris Nolan, OE, 301-415-2249; James Luehman, OE, 301-415-2741

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**PRELIMINARY INFORMATION - NOT FOR PUBLIC DISCLOSURE UNTIL  
VERIFICATION THAT LICENSEE HAS RECEIVED ACTION**

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OFFICE	OE	OE:DD
NAME	CNolan	JLuehman
DATE	09/11/01	09/11/01

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