

Fermi 2
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Detroit Edison



10CFR50.73

May 12, 1997
NRC-97-0053

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

- References: 1) Fermi 2
NRC Docket No. 50-341
NRC License No. NPF-43
- 2) Detroit Edison Letter to NRC, NRC-95-0033, "Response to Notice of Violation [IR 95-003]," dated April 17, 1995
- 3) Detroit Edison Letter to NRC, NRC-97-0056, "Fermi 2 Actions Taken for 480V Fused Disconnect Switches," dated May 5, 1997

Subject: Licensee Event Report (LER) No. 97-008

Pursuant to 10CFR50.73, Detroit Edison is submitting the enclosed LER No. 97-008 regarding a potential common mode failure mechanism that existed with 480 Volt motor control center (MCC) fused disconnect switches. Detroit Edison determined that, due to lack of adequate preventive maintenance, the fused disconnect switches may not always have mechanically latched in the closed position even though they were making electrical contact. Consequently, a limited number of the switches might have opened in a postulated seismic event causing loss of function of the associated load. This condition has been remedied and the potential common mode mechanism eliminated.

The following commitments are being made in this LER.

1. Long term solutions are being evaluated. A decision on the long term corrective action and an implementation plan and schedule will be made prior to the start of the sixth refueling outage. As an interim measure, cleaning and lubrication will be performed on a not more than 670 day frequency and the fused disconnect switches will be exercised, as a minimum, on a refueling outage frequency.

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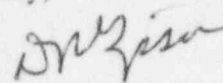


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2. The preventive maintenance (PM) program for the fused disconnect switches is being updated to ensure that the switches are inspected, cleaned and lubricated, and operated as necessary to maintain a proper lubrication interface at the switch pivot points. The fused disconnect switch PM program will be updated prior to the start of the sixth refueling outage.

If you have any questions, please contact Ken Riches at (313) 586-5529.

Sincerely,



cc: A. B. Beach
G. A. Harris
M. J. Jordan
A. J. Kugler
M. V. Yudas, Jr.
Region III
Wayne County Emergency Management Division