

50-341

**Detroit
Edison**

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March 23, 1982
EF2-57460



Mr. James G. Keppler, Director
Region III
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Subject: Interim Report of 10CFR50.55(e) Item on Emergency Diesel
Generator Relay Failures (#59)

Dear Mr. Keppler:

On February 22, 1982, Detroit Edison's Mr. H.A. Walker, Supervisor-
Construction Quality Assurance, telephoned Mr. P. Pelke of NRC-Region
III, to report on a problem with Emergency Diesel Generator Relay Fail-
ures at the Fermi 2 site.

Detroit Edison has had a number of relay failures in the control circuitry
of the emergency diesel generator for Division I. On diesel generator num-
ber twelve, six of eleven relays tested did not operate properly. The fail-
ure of these relays would prevent the diesel generator from starting. These
relays were manufactured by ITE, and were supplied to Fermi 2 by Colt with
the diesel generator. These relays were previously located on panels attached
to the diesel generator, but were relocated to a separate panel to eliminate
vibration. It is not known at this time, if the failure is due to a manufac-
turing problem with the relays or possible damage sustained during the re-
location. Detroit Edison is investigating this problem.

Another report on this item, either interim or final, is scheduled to be
sent to you on or before July 22, 1982. If you have questions concerning
this matter, please contact Mr. H.A. Walker, Supervisor-Construction Quality
Assurance.

Very truly yours,

DAW/HAW/cp

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James G. Keppler, Director
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cc: Mr. Richard DeYoung, Director
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Division of Reactor Inspection Programs
U.S. Nuclear Regulatory Commission
6450 North Dixie Highway
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Mr. Bruce Little, Resident Inspector
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