

**Detroit
Edison**

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April 15, 1983
EF2-62622

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

Subject: Final Report of 10CFR50.55(e) Item on Defective Agastat Relays
(#54)

Dear Mr. Keppler:

This is Detroit Edison's final report on the defective Agastat relays problem. This problem was originally reported to Mr. J. Neisler of NRC Region III by Detroit Edison's Mr. H.A. Walker, Supervisor - Construction Quality Assurance, on February 5, 1982.

At that time, Detroit Edison had received notification from Control Products Division of Amerace Corporation that Agastat E7000 Series timing relays supplied to the Fermi 2 site were defective. This problem had been reported by Amerace Corporation to the NRC per 10CFR21 requirements.

The pneumatic timing diaphragms manufactured by one supplier exhibited bleedout of a fluid substance which affected the time delay of the relay. Relays containing these diaphragms were about 20% of the production between the 24th week of 1981 and the 3rd week of 1982.

A review of procurement records by L.K. Comstock, as well as records at Amerace Corporation, indicate that only one relay manufactured during the affected time period was shipped to Fermi 2. This relay was removed in accordance with Deviation Disposition Request #7767 on October 1, 1982, and returned to Amerace Corporation on October 5, 1982, to be inspected for defects and possible replacement.

If you have questions concerning this matter, please contact Mr. G.M. Trahey, Assistant Director - Project Quality Assurance.

Very truly yours,

T.A. Alessi
for D.A. Wells

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Mr. James G. Keppler, Regional Administrator
Page Two

April 15, 1983
EF2-62622

cc: Mr. Richard DeYoung, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. Bruce Little, Senior Resident Inspector
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