

**Detroit
Edison**

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February 2, 1984
EF2-66493

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 Residual Heat Removal
(RHR) Heat Exchanger Flow Deficiency (#93)

Dear Mr. Keppler:

This is Detroit Edison's final report involving the RHR heat exchanger flow deficiency at the Fermi 2 site. This item was originally reported to Mr. H. M. Wescott of NRC Region III by Detroit Edison's Mr. D. Ferencz, Acting Supervisor - Construction Quality Assurance on April 6, 1983.

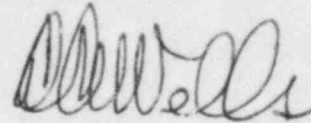
This item deals with a calculational error which resulted in a flow deficiency. The design flow should be ten thousand (10,000) GPM, but was actually calculated to be seven thousand seven hundred (7,700) GPM.

General Electric has performed an evaluation of the flow deficiency of the north and south heat exchangers. General Electric recalculated the flow, and concluded that to achieve the required design flow of ten thousand (10,000) GPM, the lower baffle plates of the heat exchanger required modification and rework.

Under the direction of General Electric, the contractor has completed the modification work on the baffle plates and has reinstalled all piping for the system. Evaluation of the design flow has been completed by General Electric and is acceptable.

This item is considered closed and ready for NRC review. If you have questions concerning this matter, please contact Mr. G. M. Trahey, Assistant Director - Project Quality Assurance.

Very truly yours,



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cc: Mr. Richard DeYoung, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
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Mr. Paul Byron, Senior Resident Inspector
U. S. Nuclear Regulatory Commission
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