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**Detroit
Edison**

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July 13, 1984
EF2-69281

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

Dear Mr. Keppler:

Reference: (1) Fermi 2
NRC Docket No. 50-341

(2) Letter, D. A. Wells to J. G. Keppler
January 16, 1984, EF2-66491

Subject: Final Evaluation of 10CFR50.55(e) Item 108,
"RHR 4160V Switchgear Records"

Detroit Edison has completed its investigation of Item 108 and has determined the deficiency is not reportable under 10CFR50.55(e). This item involved missing installation records for RHR 4160V switchgear. To facilitate the construction and testing schedule, modifications were made to the RHR switchgear to ensure conformance with design requirements and resolve questions regarding the indeterminate quality of the installation. During these modifications, it was discovered that the RHR switchgear had not been installed in accordance with the design requirements in that leveling nuts were used in conjunction with wedge anchors.

Detroit Edison's conclusion that this deficiency is not reportable under 10CFR50.55(e) is based on design calculation D.C. 2618 Revision A. This assessment demonstrated that the original installation would meet all design criteria without the modifications which were made to correct the indeterminate condition. Therefore, if this condition were to have remained uncorrected, it would not have adversely affected the safe operation of the plant. A copy of design calculation D.C. 2618 Revision A was informally provided to Mr. G. R. Hunter of your staff.

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The corrective action for the lack of installation records on the RHR 4160V switchgear included the following:

- a) Modifications to the mounting of the affected switchgear were made which resolved concerns about the indeterminate quality of the installation.
- b) Installation records were located and checked for other safety-related electrical equipment in the RHR complex and major electrical equipment in the Reactor/Auxiliary Building which utilize wedge type anchor bolts. Installation records were found to be complete and acceptable.
- c) A review of design drawings indicated that no other anchor bolt installations were of a design that would allow improper use of leveling nuts. The four RHR 4160V switchgear mountings were found to be a unique design.

All deficiencies and corrective actions associated with this item are identified and tracked in Nonconformance Report 83-1252 and Design Change Notice DCN-10387.

This is Detroit Edison's final report on this item. If you have questions concerning this matter, please contact Mr. Lewis P. Bregni, (313) 586-5083.

Sincerely,

cc: Mr. P. M. Byron
Mr. R. C. DeYoung
Mr. R. C. Knop

