

DMB/50.55(w)

**Detroit
Edison**

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July 10, 1981
EF2-53569

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 Cut Reinforcing Bar (#25)

Dear Mr. Keppler:

The final report on the Cut Reinforcing Bar problem cannot be submitted to you by July 10, 1981, as scheduled. This additional interim report is to provide you with the current status of the evaluation of this problem.

The item was originally reported to Mr. F. J. Jablonski of NRC-Region III by Messrs. R.W. Barr and W.M. Street of Detroit Edison on December 27, 1979. At that time, it had been determined that cut rebar may have resulted in a reduced floor load capacity in the Reactor Auxiliary Building at the Fermi 2 site.

Sargent and Lundy Engineering had previously completed an analysis of the five (5) most critical slabs utilizing detailed field as-built layout diagrams. Their evaluation indicated that rebar cuts have not significantly reduced the capacity of the slabs. The floor load design rating will be met and need not be reduced. Based on this report, Sargent and Lundy's analysis of the affected components is complete (SLS No. 1840, dated February 13, 1981). Only a 4" thick slab at elevation 697' 6" appeared to be overstressed, and hence, Sargent and Lundy is presently working on the re-analysis of the 4" auxiliary roof slab.

Another report on this item, either interim or final, is scheduled to be sent to you on or before November 6, 1981. If you have any questions concerning this matter, please contact Mr. H.A. Walker, Supervisor-Construction Quality Assurance.

Very truly yours,

DAW/HAW/cp

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Mr. James G. Keppler
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cc: Mr. Victor Stello, Jr., Director
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