

**Detroit  
Edison**

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November 24, 1982  
EF2-61202

50-342

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

Subject: Interim Report of 10CFR50.55(e) Item on Reactor Mode Switch  
Failures (#73)

Dear Mr. Keppler:

This interim report on reactor mode switch failures has been prepared to provide the current status of this problem.

This item was originally reported to Mr. H. Wescott of NRC Region III by Detroit Edison's Mr. H.A. Walker, Supervisor-Construction Quality Assurance, on July 1, 1982.

The switch was frozen in one position, and could not be placed in other mode selections. In addition, some of the contacts would not maintain their position during operation. For example, a "normally open" contact for the mode selection would incorrectly remain closed when the switch was moved from one position to another position. The switch has been modified, under the direction of General Electric, and found acceptable. Additionally, qualification work is required for the switch handle. This work is presently in progress.

Another report on this item, either interim or final, is scheduled to be sent on or before March 24, 1983. If you have questions concerning this matter, please contact Mr. G.M. Trahey, Assistant Director - Project Quality Assurance.

Very truly yours,

*DAWells*

DAW/DF/cp

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cc: Mr. Richard DeYoung, Director  
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