

**Detroit
Edison**

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November 17, 1982
EF2-60511

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 Loose Holding Stem Nut
Keys on Remote Operated Powell Valves (#72)

Dear Mr. Keppler:

This interim report on the loose holding stem nut keys on remote operated Powell valves problem has been prepared to provide the current status of this problem.

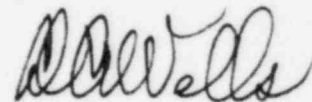
This item was originally reported to Mr. P. Pelke of NRC Region III by Detroit Edison's Mr. H.A. Walker, Supervisor-Construction Quality Assurance, on June 21, 1982.

Two failures of Powell motor operated valves were experienced at the Fermi 2 site. The failures were caused by the stem nut holding keys falling out of place causing the valve not to operate. These Powell valves are model 19051-Y-WE, with Limitorque Operator SMB-5T. The two valves are Fermi 2 valve numbers V8-2159 and V8-2160, and are in the Residual Heat Removal (E11-00) System.

A determination has been made by Powell Valve Co. that the use of retaining plates, and the usual staking of the keys, will alleviate the problems encountered with valves V8-2159 and V8-2160.

Another report on this item, either interim or final, is scheduled to be sent on or before March 18, 1983. If you have questions concerning this matter, please contact Mr. G.M. Trahey, Assistant Director-Project Quality Assurance.

Very truly yours,



DAW/DF/cp

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cc: Mr. Richard DeYoung, Director
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Mr. Bruce Little, Senior Resident Inspector
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