

**Detroit
Edison**

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January 27, 1983
EF2-61531

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

Subject: Report of Potential 10CFR50.55(e) Item on Missing Swagelock Fittings in Reactor Vessel (#86)

Dear Mr. Keppler:

On December 29, 1982, Detroit Edison's Mr. D. Ferencz, Acting Supervisor - Construction Quality Assurance telephoned Mr. P. Pelke of NRC Region III to report on a potential problem with missing Swagelock fittings in the Reactor Vessel at the Fermi 2 site.

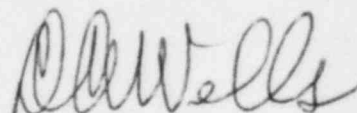
This problem was discovered during post test inspection. Three (3) Swagelock fittings (3/8" Stainless Steel) became detached from the Reactor Vessel steam separator during the Flow Induced Vibration Test. Six (6) other fittings were found to be loose. The three (3) missing fittings and six (6) loose fittings are part of instrument lines connected to the steam separator standpipes.

Information available discloses that the original design called for the instrumentation to be used for monitoring the steam. However, the original methods to monitor the steam have changed, and there was an oversight to provide necessary action to assure the fittings were secured.

To correct the condition, the missing swagelock caps will be replaced, all remaining caps will be tightened and tackwelded to prevent further loosening. One missing cap was found in the guide tubes. Efforts are underway to locate the remaining two (2) caps. A lost parts analysis to justify that the missing fittings will not affect the safety of the plant (provided they are not introduced into the CRD housing and guide tube before the CRD drives and blades are installed) is forthcoming.

Another report on this item, either interim or final, is scheduled to be sent on or before May 27, 1983. 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
Washington, D.C. 20555

Mr. Bruce Little, Senior Resident Inspector
U.S. Nuclear Regulatory Commission
6450 North Dixie Highway
Newport, Michigan 48166