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January 5, 1983
EF2-61529

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

Subject: Interim Report of Potential 10CFR50.55(e) Item on Standby
Liquid Control-Overpressurized (#83)

Dear Mr. Keppler:

On December 6, 1982, Detroit Edison's Mr. D. Ferencz, Acting Supervisor-Construction Quality Assurance, telephoned Mr. H. Wescott's office of NRC Region III to report on a potential problem with a portion of the standby liquid control system being overpressurized at the Fermi 2 site.

This item deals with possible damage to the Standby Liquid Control System Pump B and associated components. The problem occurred during a preoperational test when the explosive Squibb Valve (located downstream of the pump) failed to fire open and a temporary relief valve failed to protect the system from overpressure. This caused the pump discharge pressure to exceed 2000 PSIG.

Initial investigation revealed that the failure of the Squibb Valve was due to a disconnected terminal wire on the relay. Further research revealed that the wire to the relay was previously disconnected in order to replace a coil. The relay was subsequently replaced and retested. However, the wire was not reterminated. The responsible technician was under the false impression that the wires were not to be re-landed after testing. The technician has since been re-instructed.

An investigation is continuing to determine the extent of damage, if any, to the system and to identify any further corrective action to prevent recurrence.

Another report on this item, either interim or final, is scheduled to be sent on or before May 5, 1983. If you have questions concerning this matter, please contact Mr. G.M. Trahey, Assistant Director-Project Quality Assurance.

Very truly yours,

DAW/DF/WRW/cp

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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
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