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December 23, 1982  
EF2-61207

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 Arc Strike on  
Primary Containment Pipe Penetration Bellows (#81)

Dear Mr. Keppler:

On November 23, 1982, Detroit Edison's Mr. D. Ferencz, Acting Supervisor - Construction Quality Assurance, telephoned Mr. H. Wescott of NRC Region III, to report on a potential problem with arc strikes on the primary containment pipe penetration bellows at the Fermi 2 site.

The arc strikes are between 1/8" and 3/16" in diameter on the outer ply. The bellows consists of two (2) plies, each with a wall thickness of .031", and are separated with a stainless steel mesh approximately 1/16" thick. A visual examination established that the outer ply is perforated in one instance without damage to the steel mesh. The inner ply is not damaged, but will be checked by means of a boroscope to verify that there is no discoloration of the internal surface.

A full-scale facsimile bellows is scheduled to be on site soon so that the repair, in accordance with code case N-315, can begin.

Another report on this item, either interim or final, is scheduled to be sent on or before April 22, 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/pn

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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