



Donald A. Wells
Manager Quality Assurance
(313) 237-9657

2000 Second Avenue
Detroit, Michigan 48226
(313) 237-8000

April 18, 1983
EF2-62624

50-341

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 ITE 4160V Breaker Puffer
Piston Shaft (#91)

Dear Mr. Keppler:

On March 21, 1983, 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 ITE 4160V breaker puffer piston shafts at the Fermi 2 site.

A potential problem exists on several ITE 4160V circuit breakers. The plastic puffer piston connecting shafts have developed cracks. Several breakers have been examined, and one (1) actual failure was observed. The cracking and failure has occurred at the linkage connecting pin on the shaft. The puffer piston provides a gust of air to the main contact area to extinguish the arc during the open cycle.

Another report on this item, either interim or final, will be sent when further information is available. If you have questions concerning this matter, please contact Mr. G.M. Trahey, Assistant Director - Project Quality Assurance.

Very truly yours,

T. A. Alessi
for R. A. Wells

DAW/DF/pn

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

8305030369 830418
PDR ADDCK 05000341
S PDR

APR 27 1983

ITE 27