

**Detroit  
Edison**

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

June 9, 1981  
EF2-53461

Mr. L. L. Kintner  
Division of Project Management  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Dear Mr. Kintner:

Reference: Enrico Fermi Atomic Power Plant, Unit 2  
NRC Docket No. 50-341

Subject: OBE Return Period

As requested by you and J. Kimball on June 1, 1981, we confirm that the Operating Basis Earthquake for the Fermi-2 site is based on a peak acceleration of 0.08 g.

Weston Geophysical, our consultants, have conducted a seismic hazard analysis which demonstrates that an acceleration of 0.08 g has a return period, as a minimum, of the order of 100 to 300 years.

Very truly yours,



William F. Colbert  
Technical Director  
Enrico Fermi 2

cc: B. Little

LES/mle



8106100 256  
A

Boo1  
S1/0