

Detroit
Edison

Harry Tauber
Group Vice President

2000 Second Avenue
Detroit, Michigan 48226
(313) 237-9000

April 14, 1983
EF2 - 62,467

Director of Nuclear Reactor Regulation
Attention: Mr. B.J. Youngblood, Chief
Licensing Branch No. 1
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Youngblood:

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

Subject: Emergency Operations Facility (EOF) -
Alternative to Supplement 1 of NUREG-0737
Table 1, (Generic Letter 82-33)
December 17, 1982

As suggested in NRC Generic Letter 82-33 and the Fermi 2 Safety Evaluation Report, Supplement 3 (NUREG-0798), Detroit Edison proposes an alternative for implementing the guidelines for an EOF as described in Supplement 1 of NUREG-0737, Table 1.

Detroit Edison has a completed EOF as described in the FSAR, Appendix H.III.A.1.2, and letter EF2-62,262 (April 15, 1983). The facility is located in the lower level of the Nuclear Operations Center on owner-controlled property approximately 6,000 feet (1.1 miles) southwest of the Fermi 2 reactor. The EOF is equipped with ventilation isolation and HEPA filters. The concrete shield walls provide a protection factor of 20 based on the attenuation of 0.7 MeV gamma radiation. The following factors were also considered:

- o Annual average X/Q and D/Q values in the SW/WSW sectors are among the lowest for the site.
- o Radioactive effluents are released from the containment through the Standby Gas Treatment System and iodines are removed by the charcoal filters at an efficiency of 99%.

*A003
Add: W. Paulson*

8304180090 830414
PDR ADDCK 05000341
F PDR

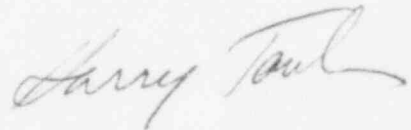
Mr. B.J. Youngblood
EF2 - 62,467
Page 2

An alternate EOF has been selected at Detroit Edison's Wayne/Monroe Division Headquarters, 26 miles northwest of the Fermi 2 site. The facility has adequate communications equipment and sufficient space to accommodate the additional personnel required for continuity of dose projection and decision-making capability. Portable equipment will be provided for the personnel to perform their assigned functions. Additionally, the Wayne/Monroe Division Headquarters is readily accessible from several directions, including Fermi 2 via Interstate freeways and Michigan highways.

Detroit Edison believes the alternate EOF, located 26 miles from Fermi 2, meets the intent of Option 1 of Table 1 in Supplement 1 to NUREG-0737 and requests that an exception be made to the 10 to 20 mile guideline.

Should you have any questions concerning the above, please contact Mr. Larry E. Schuerman on (313) 586-4207.

Sincerely,

A handwritten signature in cursive script, appearing to read "Larry E. Schuerman".

cc: Mr. B. Little
Mr. D. Lynch