

DETROIT EDISON COMPANY
WOLVERINE POWER SUPPLY COOPERATIVE, INCORPORATED
FERMI-2
DOCKET NO.: 50-341
ENVIRONMENTAL ASSESSMENT
AND FINDING OF NO SIGNIFICANT IMPACT

The U. S. Nuclear Regulatory Commission (the Commission) is considering the granting of an exemption from a portion of the requirements of 10 CFR Part 50, Appendix E to Detroit Edison Company and Wolverine Power Supply Cooperative, Incorporated (the licensees) for Fermi-2, located at the licensees' site in Frenchtown Township, Monroe County, Michigan.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action: The Exemption from Section IV.F of 10 CFR Part 50, Appendix E would delay the conduct of a full participation off-site emergency planning exercise. Section IV.F of Appendix E requires that this exercise be conducted within one year before issuance of the first operating license at the site for full power and prior to operation above 5% of rated power. The last full participation emergency preparedness exercise for Fermi-2 was conducted on June 26-27, 1984.

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Need for Proposed Action: The proposed Exemption is required because Section IV.F of Appendix E would require that a full participation offsite emergency planning exercise be conducted within one year prior to exceeding five percent power. A license authorizing operation of Fermi-2 up to five percent of rated power was issued on March 20, 1985, but the licensees have not yet been issued a license authorizing operation above five percent of rated power. In a letter dated June 14, 1985, supplemented July 3, 1985, the licensees provided justification for delaying this exercise beyond the date of authorization of operation above five percent of rated power. The NRC staff has reviewed the licensees' request for exemption and considered the following factors.

1. Prior to licensing, two full participation emergency preparedness exercises were conducted with favorable findings; the latest of these was conducted on June 26-27, 1984.
2. Various drills were conducted in 1984 and 1985 which tested those elements of the Fermi emergency plan which involve offsite response agencies.
3. The State of Michigan participated in two partial participation emergency preparedness exercises at other sites in 1985.
4. A Fermi exercise is scheduled for October 1985 which will include voluntary local offsite participation.

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These factors indicate that the emergency plans for the Fermi-2 facility have been subjected to substantial testing within the last several years, that further exercise of the plans would be delayed only briefly, and that granting the proposed Exemption would not significantly affect the level of emergency preparedness for Fermi-2.

Environmental Impacts of Proposed Action: The proposed Exemption would not affect the environmental impact of the facility because the level of emergency preparedness is not being degraded. The probability of an accident has not been increased and the post-accident radiological releases will not be greater than previously determined due to the proposed Exemption, nor does the proposed Exemption otherwise affect radiological plant effluents, nor result in any significant occupational exposure. Likewise the proposed Exemption does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant radiological or non-radiological environmental impacts associated with this proposed Exemption.

Alternative to the Proposed Action: Because we have concluded that there is no measurable environmental impact associated with the proposed Exemption, any alternatives to the relief will have either no environmental impact or greater environmental impact.

The principal alternative would be to deny the requested Exemption. Such action would not reduce environmental impacts of Fermi-2 operations and would result in an unwarranted burden to the licensees and the State and local governments.

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Alternative Use of Resources: This action does not involve the use of resources not previously considered in connection with the "Final Environmental Statement Related to Operation of Enrico Fermi Atomic Power Plant, Unit No. 2" dated August 1981.

Agencies and Persons Consulted: The NRC staff reviewed the licensees' request that supports the proposed Exemption. The NRC staff did not consult other agencies or persons.

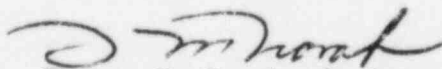
FINDING OF NO SIGNIFICANT IMPACT

Based upon the foregoing environmental assessment, we conclude that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed Exemption.

For further details with respect to this action, see the licensees' request for the Exemption dated June 14, 1985, and supplemented July 3, 1985, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, N. W., Washington, D. C. and at the Monroe County Library Systems, Reference Department, 3700 Custer Road, Monroe, Michigan 48161.

Dated at Bethesda, Maryland, this 16th day of July, 1985

FOR THE NUCLEAR REGULATORY COMMISSION



Thomas M. Novak, Assistant Director
for Licensing
Division of Licensing