

# OMB: A-95 REVIEW

## Monroe County, Michigan

1981

### MEMORANDUM

ATTACHMENT: F

TO: Monroe County Planning Commission

FROM: Staff

DATE: June 29, 1981

SUBJECT: Case No. 200.2 - 5-81-20  
Draft Environmental Impact Statement  
Regional Impact - Frenchtown Township  
Monroe County, Michigan

### Project Description

The United States Nuclear Regulatory Commission has submitted a Draft Environmental Statement for Areawide Clearinghouse review. The proposed action is for the issuance of an operating license to the Detroit Edison Company for the startup and operation of the Enrico Fermi Power Plant 2. The nuclear plant is located on Lake Erie in Monroe County, approximately eight miles northeast of Monroe, Michigan.

The facility will support a boiling-water reactor (BWR) to produce up to 3428 megawatts thermal. A steam turbine generator will use this heat to produce approximately 1150 net megawatts of electrical power capacity.

The information in this statement represents the second assessment of the environmental impact associated with Enrico Fermi 2 pursuant to the guidelines of the National Environmental Policy Act of 1969 and Title 10 of the Code of Federal Regulations/Part 51 (10 CFR 51) of the Commission's regulations. After an application to construct this plant was submitted to the Nuclear Regulatory Commission (NRC) in 1969, their staff reviewed impacts that would occur during the construction and operation of this plant. The staff evaluation was issued as a Final Environmental Statement (FES) in July 1972. As a result of that environmental review, a safety review, an evaluation by the Advisory Committee on Reactor Safeguards, and public hearings in Monroe, Michigan, and Washington, D.C., the NRC issued a permit in September 1972 for the construction of Enrico Fermi 2. As of March 1981, the construction of Enrico Fermi 2 was 80% complete. With a proposed fuel loading date of November 1982, Detroit Edison has applied for a license to operate the plant and submitted (in October 1974) the required safety and environmental reports to support this application. This Draft Environmental Statement (DES) presents the activities associated with the proposed operation of the plant, and potential impacts, as viewed by NRC staff.

### Comments/Analysis

It must be noted that this DES was not produced by the Detroit Edison Company but by the Nuclear Regulatory Commission. After extensive in-house review, Monroe County Planning staff invited several other agencies to review the document and air their concerns in a meeting with Detroit Edison personnel. The other agencies include: the City of Monroe, Department of Community Development; the Monroe County Drain Commission; and the Monroe County Office of Civil Preparedness.

Planning staff developed an extensive list of concerns that were brought out at the meeting with Detroit Edison. Many of the concerns were the result of the highly technical nature of the document. Many of the questions were due to a lack of technical knowledge on staff's part in areas such as: aquatic biology, radiosensitivity of living organisms, meteorological dispersion of radioactive materials, etc., and were easily explained by Detroit Edison personnel. The following outline presents concerns that were not answered by Edison staff to the satisfaction of Planning staff.

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Recommendation

Staff recommends that the Monroe County Planning Commission accept and place on file this review and forward the comments outlined herein to the Southeast Michigan Council of Governments and the U.S. Nuclear Regulatory Commission.

Monroe County Planning Department  
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United States Nuclear  
Regulatory Commission  
Washington, D.C. 20555

