

July 20, 1988

Docket No. 50-341

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Mr. B. Ralph Sylvia
Group Vice President - Nuclear
Operations
Detroit Edison Company
6400 North Dixie Highway
Newport, Michigan 48166

Dear Mr. Sylvia:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT -
TECHNICAL SPECIFICATION CHANGE REQUEST - RADIOACTIVE GASEOUS EFFLUENT
MONITORING (TAC NO. 66659)

Re: Fermi-2

Enclosed is a copy of an "Environmental Assessment and Finding of No
Significant Impact" for your information. This assessment relates to your
application dated November 20, 1987, (NRC-87-0217) to amend the Fermi-2
Technical Specifications.

This assessment is being forwarded to the Office of the Federal Register for
publication.

Sincerely,

Theodore R. Quay

Theodore R. Quay, Project Manager
Project Directorate III-1
Division of Reactor Projects - III, IV, V
& Special Projects

Enclosure:
Environmental Assessment

cc: w/enclosure
See next page

OFFICE: LA/PD31:DRSP
SURNAME: RIngram
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UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D. C. 20555

July 20, 1988

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Group Vice President - Nuclear
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Detroit Edison Company
6400 North Dixie Highway
Newport, Michigan 48166

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A handwritten signature in cursive script that reads "Theodore R. Quay".

Theodore R. Quay, Project Manager
Project Directorate III-1
Division of Reactor Projects - III, IV, V
& Special Projects

Enclosure:
Environmental Assessment

cc: w/enclosure
See next page

Mr. B. Ralph Sylvia
Detroit Edison Company

Fermi-2 Facility

cc:

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Glen Ellyn, Illinois 60137

UNITED STATES NUCLEAR REGULATORY COMMISSION
DETROIT EDISON COMPANY
WOLVERINE POWER SUPPLY COOPERATIVE, INCORPORATED
DOCKET NO. 50-341
ENVIRONMENTAL ASSESSMENT AND
FINDING OF NO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Facility Operating License No. NPF-43, issued to the Detroit Edison Company (DECo) and the Wolverine Power Supply Cooperative, Incorporated (the licensees) for operation of Fermi-2 located in Monroe County, Michigan.

ENVIRONMENTAL ASSESSMENT

Identification of Proposed Action:

The amendment would revise the Fermi-2 Technical Specifications (TSs) to correct an error in Table 3.3.7.12-1, "Radioactive Gaseous Effluent Monitoring Instrumentation," in response to the licensee's letter dated November 20, 1987 (NRC-87-0217).

The Need for the Proposed Action:

The proposed change to the TSs is required to make Table 3.3.7.12-1 consistent with the surveillance requirements of Table 4.3.7.12-1.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revision to the TSs. The proposed amendment would revise Table 3.3.7.12-1 by deleting Item 3.d, Effluent System Flow Rate Monitor, for the Standby Gas Treatment System.

In the licensee's Radiological Effluent Technical Specifications, radioactive gaseous effluent monitoring operability and surveillance requirements are recorded for six different gaseous effluent systems. For all six systems, the surveillance requirements involve: a) noble gas monitor, b) iodine sampler, c) particulate sampler, and d) sampler flow rate monitor. For the operability requirements, five of the systems include the same items a-d above, but for the sixth, Standby Gas Treatment System, a fifth entry, "Effluent System Flow Rate Monitor," appears. This is the item that the licensee proposes to remove, since it was inadvertently left in the Technical Specifications while reference to flow rate monitor was removed for the other systems.

A more conservative approach than using the actual flow rate has been taken in the calculations of set points for all six systems in the Offsite Dose Calculation Manual. This approach uses the maximum flow rate, and consequently, a flow rate monitor is not necessary. Therefore, the proposed change does not increase the probability or consequences of accidents, no changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that this

proposed action would result in no significant radiological environmental impact.

With regard to potential nonradiological impacts, the proposed change to the TSs involves systems located within the restricted area as defined in 10 CFR Part 20. It does not affect nonradiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant nonradiological environmental impacts associated with the proposed amendment.

The Notice of Consideration of Issuance of Amendment and Opportunity for Hearing in connection with this action was published in the FEDERAL REGISTER on March 25, 1988 (53 FR 9831). No request for hearing or petition for leave to intervene was filed following this notice.

Alternatives to the Proposed Action:

Because the Commission has concluded that there is no significant environmental impact associated with the proposed amendment, any alternative would have either no or greater environmental impact. The principal alternative would be to deny the requested amendment. This would not reduce the environmental impacts attributed to the facility.

Alternative Use of Resources:

This action involves no use of resources not previously considered in connection with the "Final Environmental Statement Related to Operation of Fermi-2," dated August 1981.

Agencies and Persons Consulted:

The Commission's staff reviewed the licensees' request and did not consult other agencies or persons.

FINDING OF NO SIGNIFICANT IMPACT

The Commission has determined not to prepare an environmental impact statement for the proposed amendment.

Based upon the foregoing environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with aspect to this action, see the application for amendment dated November 20, 1987, which is available for public inspection at the Commission's Public Document Room, 1717 H Street, NW., Washington, DC, and at the Monroe County Library System, 3700 South Custer Road, Monroe, Michigan 48161.

Dated at Rockville, Maryland, this 20th day of July 1988.

FOR THE NUCLEAR REGULATORY COMMISSION



Martin J. Virgilio, Director
Project Directorate III-1
Division of Reactor Projects - III, IV, V
and Special Projects