

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 proposed amendment would revise the Fermi-2 Technical Specifications (TSs) to delete the Non-regenerative Heat Exchanger Outlet Temperature-High signal from the listing of Reactor Water Cleanup (RWCU) system isolation signals.

The Need for the Proposed Action:

The proposed changes to the TSs are required to eliminate an unnecessary isolation signal. Elimination of this signal would assure timely restoration of the RWCU following an isolation to enhance reactor water level control and reactor water chemistry control without loss of filter-demineralizer high temperature resin protection. The isolation signal is not an accident mitigation function and is not utilized in the RWCU leak detection system.

The signal is intended to prevent damage of the filter demineralizer resins in the event the temperature exceeds 140^oF. This function will still be retained in the system design.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revisions to the Technical Specifications. The proposed revisions would eliminate from the Fermi-2 TSs an unnecessary isolation signal and allow the RWCU to be returned to service in a timely manner to enhance reactor water level control and reactor water chemistry control. The isolation signal has no accident mitigation function and is not utilized in the RWCU leak detection system. Therefore, the proposed changes do 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 amendment involves changes to surveillance and testing requirements. 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 was published in the FEDERAL REGISTER on May 11, 1988 (53 FR 16801). No request for hearing or petition for leave to intervene was filed following this notice.

Alternative 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 but could result in prolonging an outage with attendant costs and consequently result in an unnecessary loss of power to the grid.

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 license amendment.

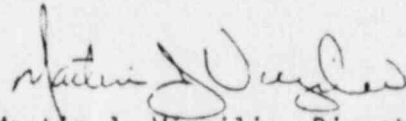
Based upon the foregoing environmental assessment, the Commission concludes that the proposed action will not have a significant effect on the quality of the human environment.

For further details with aspect to this action, see the application for amendment dated March 10, 1988, as supplemented April 21, 1988, 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 System, 3700 South Custer Road, Monroe, Michigan 48161.

Dated at Rockville, Maryland, this 28th day of June 1988.

FOR THE NUCLEAR REGULATORY COMMISSION



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