



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

July 13, 1998

*Docket
File
50-341*

*See Amendment
To License*

Mr. Douglas R. Gipson
Senior Vice President
Nuclear Generation
Detroit Edison Company
6400 North Dixie Highway
Newport, MI 48166

SUBJECT: FERMII 2 - ISSUANCE OF AMENDMENT RE: REPLACEMENT OF THE
POWER RANGE NEUTRON MONITORING SYSTEM (TAC NO. MA0279)

Dear Mr. Gipson:

The Commission has issued the enclosed Amendment No. 122 to Facility Operating License No. NPF-43 for the Fermi 2 facility. The amendment consists of changes to the Technical Specifications (TSs) in response to your application dated December 10, 1997 (NRC-97-0105), as supplemented January 28 and April 9, 1998.

The amendment revises TS 2.2.1, "Reactor Protection System Instrumentation Setpoints," TS 3.3.1, "Reactor Protection System Instrumentation," TS 3.3.6, "Control Rod Block Instrumentation," TS 3.4.1.1, "Recirculation Loops," and the associated Bases to accommodate an upgrade of the power range neutron monitoring (PRNM) system to the Nuclear Measurement Analysis and Control PRNM system designed by the General Electric Company. The amendment also revises the first page of Table 3.3.6-2 to correct a typographical error in the title. The April 9, 1998, letter withdrew a portion of your amendment request for Surveillance Requirement 4.3.1.3.

In accordance with your commitments in the submittal dated December 10, 1997, you will prepare Design Calculation DC-6012, Volume I, for the installation of the plant modification to reflect the relay room seismic acceleration plus any panel amplification for both the operating basis earthquake and safe shutdown earthquake seismic response spectra to ensure they do not exceed the values in the applicable licensing topical report. You will also perform a human factors review for the installation of the plant modification. In approving the proposed action, the staff relied upon these commitments and they are incorporated into our Safety Evaluation, which is also enclosed. Information related to the commitments is also incorporated in the paragraphs of the amendment that describe the changes and the implementation of the amendment. Changes to the commitments require prior NRC approval.

Because full implementation of this amendment may not take place until the fall of 1998, until full implementation Detroit Edison should submit two sets of TS pages for any pages affected in future amendments by the issuance of this amendment. The TS pages should reflect the conditions before and after full implementation of this amendment so that the correct TS pages may be issued in any future amendments. The NRC also requests that you submit a letter informing the staff when this amendment is fully implemented.

D. Gipson

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A copy of our Safety Evaluation is also enclosed. The notice of issuance will be included in the Commission's biweekly *Federal Register* notice.

Sincerely,

ORIGINAL SIGNED BY

Andrew J. Kugler, Project Manager
Project Directorate III-1
Division of Reactor Projects - III/IV
Office of Nuclear Reactor Regulation

Docket No. 50-341

Enclosures: 1. Amendment No. 122 to NPF-43
2. Safety Evaluation

cc w/encl: See next page

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**See previous concurrence

*NO MAJOR CHANGES TO SE.

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Mr. Douglas R. Gipson
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August 1997