

August 4, 1999

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

SUBJECT: FERMI 2 - NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO
FACILITY OPERATING LICENSE AND OPPORTUNITY FOR HEARING
(TAC NO. MA1465)

Dear Mr. Gipson:

Enclosed is a copy of the subject notice that relates to your application for amendment, dated April 3, 1998, as supplemented on September 28, October 19, and December 10, 1998, and January 8, January 26, February 24, March 30, April 8, April 30, May 7, June 2, June 24, June 30, July 7, July 13, and July 26, 1999, to convert the current technical specifications for Fermi 2 to a set of improved technical specifications based on NUREG-1433, Revision 1, "Standard Technical Specifications, General Electric Plants BWR/4," dated April 1995.

This notice has been forwarded to the Office of the Federal Register for publication.

Sincerely,

Original signed by:

Andrew J. Kugler, Project Manager, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-341

Enclosure: Notice

cc w/encl: See next page

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DATE	08/4/99		08/13/99		08/ /99	08/4/99	

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

August 4, 1999

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

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Sincerely,

A handwritten signature in black ink, appearing to read "Andrew J. Kugler".

Andrew J. Kugler, Project Manager, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-341

Enclosure: Notice

cc w/encl: See next page

Mr. Douglas R. Gipson
Detroit Edison Company

Fermi 2

cc:

John Flynn, Esquire
Senior Attorney
Detroit Edison Company
2000 Second Avenue
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Protection Division
Michigan Department of
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U.S. Nuclear Regulatory Commission
Resident Inspector's Office
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Newport, Michigan 48166

Monroe County Emergency Management
Division
963 South Raisinville
Monroe, Michigan 48161

Regional Administrator, Region III
U.S. Nuclear Regulatory Commission
801 Warrenville Road
Lisle, Illinois 60532-4351

Norman K. Peterson
Director, Nuclear Licensing
Detroit Edison Company
Fermi 2 - 280 TAC
6400 North Dixie Highway
Newport, Michigan 48166

UNITED STATES NUCLEAR REGULATORY COMMISSIONDETROIT EDISON COMPANYFERMI 2DOCKET NO. 50-341NOTICE OF CONSIDERATION OF ISSUANCE OF AMENDMENT TO
FACILITY OPERATING LICENSE AND OPPORTUNITY FOR A HEARING

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 (the licensee), for operation of Fermi 2, located in Monroe County, Michigan.

The proposed amendment would represent a full conversion from the current Technical Specifications (CTSs) to a set of improved Technical Specifications (ITSs) based on NUREG-1433, Revision 1, "Standard Technical Specifications, General Electric Plants BWR/4," dated April 1995. NUREG-1433 has been developed through working groups composed of both NRC staff members and industry representatives, and has been endorsed by the NRC staff as part of an industry-wide initiative to standardize and improve CTSs. As part of this submittal, the licensee has applied the criteria contained in the Commission's "Final Policy Statement on Technical Specification Improvements for Nuclear Power Reactors" (Final Policy Statement), published in the FEDERAL REGISTER on July 22, 1993 (58 FR 39132), to the Fermi 2 CTSs and, using NUREG-1433 as a basis, developed a proposed set of ITSs for Fermi 2. The criteria in the Final Policy Statement subsequently were incorporated in 10 CFR 50.36, "Technical Specifications," in a rule change that was published in the FEDERAL REGISTER on July 19, 1995 (60 FR 36953). The rule change became effective August 18, 1995.

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The licensee has categorized the proposed changes to the CTSs into four general groupings. These groupings are characterized as administrative changes, technical changes - relocations, technical changes - more restrictive, and technical changes - less restrictive.

Administrative changes are those that involve restructuring, renumbering, rewording, interpretation, and rearranging of requirements and other changes not affecting technical content or substantially revising an operational requirement. The reformatting, renumbering, and rewording processes reflect the attributes of NUREG-1433 and do not involve technical changes to the CTSs. The proposed changes include (a) providing the appropriate numbers, etc., for NUREG-1433 bracketed information (information that must be supplied on a plant-specific basis, and which may change from plant to plant), (b) identifying plant-specific wording for system names, etc., and (c) changing NUREG-1433 section wording to conform to existing licensee practices. Such changes are administrative in nature and do not affect initiators of analyzed events or assumed mitigation of accident or transient events.

Technical changes - relocations are those changes involving relocation of requirements and surveillances from the CTSs to licensee-controlled documents, for structures, systems, components, or variables that do not meet the criteria for inclusion in the ITSs. Relocated changes are those CTS requirements that do not satisfy or fall within any of the four criteria specified in the Commission's Final Policy Statement and 10 CFR 50.36, and may be relocated to appropriate licensee-controlled documents.

The licensee's application of the screening criteria is described in Volume 1 of its April 3, 1998, application titled, "Fermi 2 Improved Technical Specifications Submittal Cover Letter and Split Report." The affected structures, systems, components, or variables are not assumed to be initiators of events analyzed in the Updated Final Safety Analysis Report (UFSAR) and are not assumed to mitigate accident or transient events analyzed in the UFSAR.

The requirements and surveillances for these affected structures, systems, components, or variables will be relocated from the CTSs to administratively controlled documents such as the UFSAR, the Bases, or other licensee-controlled documents. Changes made to these documents will be made pursuant to 10 CFR 50.59 or other appropriate control mechanisms. In addition, the affected structures, systems, components, or variables are addressed in existing surveillance procedures, which are also subject to 10 CFR 50.59.

Technical Changes - more restrictive are those changes that involve more stringent requirements for operation of the facility or eliminate existing flexibility. These more stringent requirements do not result in operation that will alter assumptions relative to mitigation of an accident or transient event. For each requirement in the Fermi 2 CTSs that is more restrictive than the corresponding requirement in NUREG-1433, which the licensee proposes to retain in the ITSs, the licensee has provided an explanation of why it has concluded that the more restrictive requirement is desirable to ensure safe operation of the facility.

Technical changes - less restrictive are changes where current requirements are relaxed or eliminated, or new flexibility is provided. The more significant "less restrictive" requirements are justified on a case-by-case basis. When requirements have been shown to provide little or no safety benefit, their removal from the ITSs may be appropriate. In most cases, relaxations granted to individual plants on a plant-specific basis were the result of (a) generic NRC actions, (b) new NRC staff positions that have evolved from technological advancements and operating experience, or (c) resolution of the Owners Groups' comments on the ITSs. Generic relaxations contained in NUREG-1433 were reviewed by the staff and found to be acceptable because they are consistent with current licensing practices and NRC regulations. The licensee's design information will be reviewed to determine if its specific design and licensing bases are consistent with the technical justifications contained in NUREG-1433. This will determine if a foundation

exists for the ITSs or if relaxation of the requirements in the CTSs is warranted by the justifications provided by the licensee.

In addition to the changes solely involving the conversion, changes are proposed to the CTSs or as deviations from the improved BWR/4 Technical Specifications (NUREG-1433) as follows:

1. Fermi 2 ITS 3.3.1.1, Surveillance Requirement (SR) 3.3.1.1.6, modifies NUREG-1433 SR 3.3.1.1.6 by allowing the source range monitors to be partially withdrawn from the core while obtaining overlap with the intermediate range monitors. This deviation from NUREG-1433 was based on the current usage of the CTS and on the design of the neutron monitoring system.
2. Fermi 2 ITS 3.3.6.3 modifies NUREG-1433 limiting condition for operation (LCO) 3.3.6.3, Condition B, to provide requirements that are less restrictive than the NUREG based on the Fermi 2 design for the low-low-set arming logic.
3. Fermi 2 ITS 3.4.1 LCO 3.4.1 does not include some CTS actions related to single recirculation loop operation. These actions were not in the NUREG-1433 LCO. But the staff reviewed the changes to determine whether retaining the actions was warranted on a plant-specific basis.
4. Fermi 2 ITS 3.4.6 modifies NUREG-1433 LCO 3.4.6 by removing bracketed Action B.2 and adopting bracketed Actions C and D to allow certain reactor coolant system leakage detection instrumentation to be out of service with completion times beyond those in the CTS based on the capabilities of the remaining instrumentation.
5. Fermi 2 ITS 3.4.10 for reactor coolant system pressure and temperature limits modifies NUREG-1433 LCO 3.4.10 by adding two new SRs that were included in CTS 3.4.1.1 for the

recirculation loops because the SRs relate more closely to reactor coolant system temperature limits than to limits for recirculation loop operation.

6. Fermi 2 ITS 3.5.1 modifies the NUREG-1433 LCO 3.5.1 by adding new Conditions B and C and revising NUREG-1433 Conditions B and D to allow certain combinations of emergency core cooling system (ECCS) subsystems to be out of service based, in part, on the CTS and the Fermi 2 loss-of-coolant accident (LOCA) analysis.
7. The Fermi 2 ITS adds SR 3.5.1.14 for response time testing of the ECCS functions. The CTS and NUREG-1433 include this SR in the ECCS instrumentation specification (NUREG-1433 LCO 3.3.5.1). This relocation is based on the fact that the CTS state that the ECCS actuation instrumentation response time need not be measured. Therefore, the SR verifies the overall system response time instead.
8. Fermi ITS 3.6.1.3, Condition D, is expanded to include primary containment isolation valves with leakage exceeding the associated limit(s), providing appropriate actions and completion times. NUREG-1433 LCO 3.6.1.3 would have handled the same situation under Condition A, with the leaking valve considered inoperable. But Condition D is written specifically for the case of a leaking valve. In addition, a new Action D.2 is added that requires the licensee to periodically verify the isolation of penetrations that are isolated due to a leaking valve. This action is analogous to STS Action A.2.
9. The Fermi 2 ITSs relocate the requirements for drywell spray (which is not addressed in NUREG-1433) to licensee-controlled documents, because they do not meet the 10 CFR 50.36(c)(2)(ii) screening criteria.
10. Fermi 2 ITSs 3.10.4 and 3.10.5 modify NUREG-1433 3.10.4 and 3.10.5 to clarify the activities associated with single control rod removal based on the actual steps required to complete the task.

Before issuance of the proposed license amendment, the Commission will have made findings required by the Atomic Energy Act of 1954, as amended (the Act), and the Commission's regulations.

By September 8 , 1999, the licensee may file a request for a hearing with respect to issuance of the amendment to the subject facility operating license and any person whose interest may be affected by this proceeding and who wishes to participate as a party in the proceeding must file a written request for a hearing and a petition for leave to intervene. Requests for a hearing and a petition for leave to intervene shall be filed in accordance with the Commission's "Rules of Practice for Domestic Licensing Proceedings," in 10 CFR Part 2. Interested persons should consult a current copy of 10 CFR 2.714 which is available at the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC, and at the local public document room located at the Monroe County Library System, Ellis Reference and Information Center, 3700 South Custer Road, Monroe, Michigan 48161. If a request for a hearing or petition for leave to intervene is filed by the above date, the Commission or an Atomic Safety and Licensing Board, designated by the Commission or by the Chairman of the Atomic Safety and Licensing Board Panel, will rule on the request and/or petition; and the Secretary or the designated Atomic Safety and Licensing Board will issue a notice of hearing or an appropriate order.

As required by 10 CFR 2.714, a petition for leave to intervene shall set forth with particularity the interest of the petitioner in the proceeding, and how that interest may be affected by the results of the proceeding. The petition should specifically explain the reasons why intervention should be permitted with particular reference to the following factors: (1) the nature of the petitioner's right under the Act to be made a party to the proceeding; (2) the nature and extent of the petitioner's property, financial, or other interest in the proceeding; and (3) the

possible effect of any order which may be entered in the proceeding on the petitioner's interest. The petition should also identify the specific aspect(s) of the subject matter of the proceeding as to which petitioner wishes to intervene. Any person who has filed a petition for leave to intervene or who has been admitted as a party may amend the petition without requesting leave of the Board up to 15 days prior to the first prehearing conference scheduled in the proceeding, but such an amended petition must satisfy the specificity requirements described above.

Not later than 15 days prior to the first prehearing conference scheduled in the proceeding, a petitioner shall file a supplement to the petition to intervene which must include a list of the contentions which are sought to be litigated in the matter. Each contention must consist of a specific statement of the issue of law or fact to be raised or controverted. In addition, the petitioner shall provide a brief explanation of the bases of the contention and a concise statement of the alleged facts or expert opinion which support the contention and on which the petitioner intends to rely in proving the contention at the hearing. The petitioner must also provide references to those specific sources and documents of which the petitioner is aware and on which the petitioner intends to rely to establish those facts or expert opinion. The petitioner must provide sufficient information to show that a genuine dispute exists with the applicant on a material issue of law or fact. Contentions shall be limited to matters within the scope of the amendment under consideration. The contention must be one which, if proven, would entitle the petitioner to relief. A petitioner who fails to file such a supplement which satisfies these requirements with respect to at least one contention will not be permitted to participate as a party.

Those permitted to intervene become parties to the proceeding, subject to any limitations in the order granting leave to intervene, and have the opportunity to participate fully in the conduct of the hearing, including the opportunity to present evidence and cross-examine witnesses.

A request for a hearing or a petition for leave to intervene must be filed with the Secretary of the Commission, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, Attention: Rulemakings and Adjudications Staff, or may be delivered to the Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC, by the above date. A copy of the petition should also be sent to the Office of the General Counsel, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, and to John Flynn, Esq., Detroit Edison Company, 2000 Second Avenue, Detroit, Michigan 48226, attorney for the licensee.

Nontimely filings of petitions for leave to intervene, amended petitions, supplemental petitions and/or requests for hearing will not be entertained absent a determination by the Commission, the presiding officer or the presiding Atomic Safety and Licensing Board that the petition and/or request should be granted based upon a balancing of the factors specified in 10 CFR 2.714(a)(1)(I)-(v) and 2.714(d).

If a request for a hearing is received, the Commission's staff may issue the amendment after it completes its technical review and prior to the completion of any required hearing if it publishes a further notice for public comment of its proposed finding of no significant hazards consideration in accordance with 10 CFR 50.91 and 50.92.

For further details with respect to this action, see the application for amendment, dated April 3, 1998, as supplemented on September 28, October 19, and December 10, 1998, and January 8, January 26, February 24, March 30, April 8, April 30, May 7, June 2, June 24, June 30, July 7, July 13, and July 26, 1999, which is available for public inspection at the

Commission's Public Document Room, the Gelman Building, 2120 L Street, NW., Washington, DC, and at the local public document room located at the Monroe County Library System, Ellis Reference and Information Center, 3700 South Custer Road, Monroe, Michigan 48161.

Dated at Rockville, Maryland, this 4th day of August 1999.

FOR THE NUCLEAR REGULATORY COMMISSION



Andrew J. Kugler, Project Manager, Section 1
Project Directorate III
Division of Licensing Project Management
Office of Nuclear Reactor Regulation