



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

February 24, 2012

Mr. Jack M. Davis
Senior Vice President and
Chief Nuclear Officer
Detroit Edison Company
Fermi 2 - 210 NOC
6400 North Dixie Highway
Newport, MI 48166

SUBJECT: FERMI 2 - ISSUANCE OF AMENDMENT RE: TSTF-501, REVISION 1,
"RELOCATE STORED FUEL OIL AND LUBE OIL VOLUME VALUES TO
LICENSEE CONTROL" (TAC NO. ME6861)

Dear Mr. Davis:

The U.S. Nuclear Regulatory Commission has issued the enclosed Amendment No. 188 to Facility Operating License No. NPF-43 for the Fermi 2 facility. The amendment consists of changes to the Technical Specifications (TS) in response to your application dated August 12, 2011, (Agencywide Documents Access and Management System (ADAMS) Accession No. ML112270114), as supplemented by letter dated October 20, 2011, (ADAMS Accession No. ML112930545).

The amendment revises TS 3.8.3, "Diesel Fuel Oil and Starting Air," by relocating the current stored diesel fuel oil numerical volume requirements from the TS to the TS Bases consistent with Technical Specification Task Force (TSTF)-501.

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,

A handwritten signature in black ink, appearing to read "Chawla", is positioned above the typed name.

Mahesh L. Chawla, Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-341

Enclosures:

1. Amendment No. 188 to NPF-43
2. Safety Evaluation

cc w/encls: Distribution via ListServ

ATTACHMENT TO LICENSE AMENDMENT NO. 188

FACILITY OPERATING LICENSE NO. NPF-43

DOCKET NO. 50-341

Replace the following pages of the Facility Operating License and Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

REMOVE

INSERT

License Page 3

License Page 3

Replace the following pages of the Appendix A Technical Specifications with the attached revised pages. The revised pages are identified by amendment number and contain marginal lines indicating the areas of change.

REMOVE

INSERT

Page 3.8-4

Page 3.8-4

Page 3.8-13

Page 3.8-13

Page 3.8-14

Page 3.8-14

- (4) DECo, pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess, and use at any time any byproduct, source and special nuclear material such as sealed neutron sources for reactor startup, sealed sources for reactor instrumentation and radiation monitoring equipment calibration, and as fission detectors in amounts as required;
- (5) DECo, pursuant to the Act and 10 CFR Parts 30, 40 and 70, to receive, possess, and use in amounts as required any byproduct, source or special nuclear material without restriction to chemical or physical form, for sample analysis or instrument calibration or associated with radioactive apparatus or components; and
- (6) DECo, pursuant to the Act and 10 CFR Parts 30, 40 and 70, to possess, but not separate, such byproduct and special nuclear materials as may be produced by the operation of the facility.

C. This license shall be deemed to contain and is subject to the conditions specified in the Commission's regulations set forth in 10 CFR Chapter I and is subject to all applicable provisions of the Act and to the rules, regulations, and orders of the Commission now or hereafter in effect; and is subject to the additional conditions specified or incorporated below:

(1) Maximum Power Level

DECo is authorized to operate the facility at reactor core power levels not in excess of 3430 megawatts thermal (100% power) in accordance with conditions specified herein and in Attachment 1 to this license. The items identified in Attachment 1 to this license shall be completed as specified. Attachment 1 is hereby incorporated into this license.

(2) Technical Specifications and Environmental Protection Plan

The Technical Specifications contained in Appendix A, as revised through Amendment No. 188 and the Environmental Protection Plan contained in Appendix B, are hereby incorporated into this license. DECo shall operate the facility in accordance with the Technical Specifications and the Environmental Protection Plan.

(3) Antitrust Conditions

DECo shall abide by the agreements and interpretations between it and the Department of Justice relating to Article I, Paragraph 3 of the Electric Power Pool Agreement between Detroit Edison Company and

SURVEILLANCE REQUIREMENTS (continued)

SURVEILLANCE		FREQUENCY
SR 3.8.1.4	Verify each day tank contains \geq one hour supply of fuel oil.	31 days
SR 3.8.1.5	Check for and remove accumulated water from each day tank.	31 days
SR 3.8.1.6	Verify each fuel oil transfer system operates to automatically transfer fuel oil from storage tanks to the day tanks.	31 days
SR 3.8.1.7	<p>-----NOTE----- All EDG starts may be preceded by an engine prelube period and followed by a warmup period prior to loading. -----</p> <p>Verify each EDG starts from standby condition and achieves:</p> <ul style="list-style-type: none"> a. In ≤ 10 seconds, voltage ≥ 3740 V and frequency ≥ 58.8 Hz; and b. Steady state voltage ≥ 3740 V and ≤ 4580 V and frequency ≥ 58.8 Hz and ≤ 61.2 Hz. 	184 days
SR 3.8.1.8	Verify each EDG rejects a load greater than or equal to its associated single largest post-accident load, and following load rejection, the frequency is ≤ 66.75 Hz.	18 months

(continued)

3.8 ELECTRICAL POWER SYSTEMS

3.8.3 Diesel Fuel Oil and Starting Air

LCO 3.8.3 The stored diesel fuel oil and starting air subsystem shall be within limits for each required emergency diesel generator (EDG).

APPLICABILITY: When associated EDG is required to be OPERABLE.

ACTIONS

-----NOTE-----
Separate Condition entry is allowed for each EDG.

CONDITION	REQUIRED ACTION	COMPLETION TIME
A. One or more required EDGs with fuel oil level less than a 7 day supply and greater than a 6 day supply in storage tank.	A.1 Restore fuel oil level to within limits.	48 hours
B. One or more required EDGs with stored fuel oil total particulates not within limit.	B.1 Restore fuel oil total particulates to within limit.	7 days
C. One or more required EDGs with new fuel oil properties not within limits.	C.1 Restore stored fuel oil properties to within limits.	30 days

(continued)

Diesel Fuel Oil and Starting Air
3.8.3

ACTIONS (continued)

CONDITION	REQUIRED ACTION	COMPLETION TIME
<p>D. Required Action and associated Completion Time not met.</p> <p><u>OR</u></p> <p>One or more required EDGs with diesel fuel oil, or starting air subsystem not within limits for reasons other than Condition A, B, or C.</p>	<p>D.1 Declare associated EDG inoperable.</p>	<p>Immediately</p>

SURVEILLANCE REQUIREMENTS

SURVEILLANCE	FREQUENCY
<p>SR 3.8.3.1 Verify each required EDG fuel oil storage tank contains \geq a 7 day supply of fuel.</p>	<p>31 days</p>
<p>SR 3.8.3.2 Verify each required EDG fuel oil properties of new and stored fuel oil are tested in accordance with, and maintained within the limits of, the Emergency Diesel Generator Fuel Oil Testing Program.</p>	<p>In accordance with the Emergency Diesel Generator Fuel Oil Testing Program</p>

(continued)



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

SAFETY EVALUATION BY THE OFFICE OF NUCLEAR REACTOR REGULATION
RELATED TO AMENDMENT NO. 188 TO FACILITY OPERATING LICENSE NO. NPF-43
DETROIT EDISON COMPANY
FERMI 2
DOCKET NO. 50-341

1.0 INTRODUCTION

By application dated August 12, 2011, as supplemented by letter dated October 20, 2011, Detroit Edison (the licensee) requested changes to the Technical Specifications (TS) for Fermi 2 to adopt Technical Specification Task Force (TSTF) Improved Standard Technical Specifications Change Traveler TSTF-501, Revision 1, "Relocate Stored Fuel Oil and Lube Oil Volume Values to Licensee Control." The licensee's current TS contain numerical volume requirements for stored diesel fuel oil. Any changes to the numerical volume requirements currently require prior approval from the U.S. Nuclear Regulatory Commission (NRC). As an example, diesel fuel oil numerical volume requirements may need to be modified in order to take into account changes to the energy content, measured in British Thermal Units (BTU) per gallon of available fuels in the market. Fluctuations in energy content could be caused by a variety of factors, including changes to regulatory requirements. By adopting TSTF-501, Revision 1, the numerical volume requirements for both stored diesel fuel oil and lube oil are relocated from the TS to a licensee-controlled document. As a result, the numerical volume requirements for both stored diesel fuel oil and lube oil may be modified under licensee control and therefore may not require prior NRC approval. The supplemental letter dated October 20, 2011, provided additional information that clarified the application, did not change the scope of the application as originally noticed, and did not change the NRC staff's original proposed no significant hazards consideration determination as published in the *Federal Register* on October 4, 2011, (76 FR 61394).

The current Fermi 2 TS 3.8.3, "Diesel Fuel Oil and Starting Air," does not include a minimum lube oil requirement and the licensee did not propose inclusion of a TS emergency diesel generator (EDG) lube oil requirement. This is a deviation from TSTF-501. By applying TSTF-501 solely to the Diesel Fuel Oil System, there is still assurance that the lowest functional capability or performance levels of equipment required for safe operation of the facility will continue to be met since the diesel lube oil system is an EDG support system and, therefore, included in the existing EDG operability requirements specified in TS 3.8, "Electrical Power Systems". Therefore, this deviation is acceptable and an evaluation related to EDG lube oil is not included in this Safety Evaluation (SE).

Enclosure

The proposed changes revise TS 3.8.3, "Diesel Fuel Oil and Starting Air," by relocating the current stored diesel fuel oil numerical volume requirements from the TS to the TS Bases so that it may be modified under licensee control. The TS are modified so that the stored diesel fuel oil inventory will require that a 7 day supply be available for each diesel generator. As a result:

- Condition A in the Action table is revised. Currently, Condition A is entered when the stored diesel fuel oil numerical volume requirements are not met. As discussed in the current TS Bases, the numerical volume requirements in Condition A is based on volumes less than a 7 day supply, but greater than an a 6 day supply. The revision relocates the volumetric requirements from the TS and places it in the TS Bases. The TS is modified so that Condition A is entered when the stored diesel fuel oil inventory is less than a 7 day supply, but greater than a 6 day supply for one or more diesel generators.
- Surveillance Requirements (SR) 3.8.3.1 is revised. Currently, SR 3.8.3.1 verifies that the stored diesel fuel oil numerical volume requirements are met. As discussed in the current TS Bases, the numerical volume requirements in SR 3.8.3.1 are based on maintaining at least a 7 day supply. The revision relocates the volumetric requirements from the TS and places it in the TS Bases. The TS are modified so that SR 3.8.3.1 verifies that the stored diesel fuel oil inventory is greater than or equal to a 7 day supply for each diesel generator.

In the August 12, 2011, application, the licensee proposed the following deviations from the changes described in TSTF-501, Revision 1 (ADAMS Accession No. ML090510686), and the NRC staff's model SE published in the *Federal Register* on May 26, 2010, (75 FR 29588) as part of the consolidated line item improvement process (CLIIP) Notice of Availability:

- Direct energy content measurement of the diesel fuel oil is used to verify compliance with the most limiting energy content assumed in the determination of the required fuel oil volume. This direct measurement of the energy content is an alternative to using the correlation between absolute gravity or American Petroleum Institute (API) gravity to energy content that provides an equivalent assurance of meeting energy content limits.
- A revision to TS 3.8.1, "AC Sources - Operating," following a similar approach to the TS 3.8.3 changes discussed above is proposed. The proposed revision to SR 3.8.1.4 replaces the specific day tank numerical volume requirement with the requirement to maintain greater than or equal to one hour supply of fuel oil. The specific volume needed to support this requirement is relocated to the TS Bases. Similar to the technical justification provided in the model SE as part of the CLIIP, this proposed change is acceptable since it merely relocates the current numerical volume requirement for the day tank from the TS to the TS Bases and relocates the one hour supply requirement from the TS Bases to the TS.

- No changes associated with diesel lube oil inventory are included since the current TS 3.8.3, "Diesel Fuel Oil and Starting Air," does not include the requirements for lube oil inventory

2.0 REGULATORY EVALUATION

2.1 Modification to LCO 3.8.3, "Diesel Fuel Oil and Starting Air," Requirements

The regulation at Title 10 of the *Code of Federal Regulations* (10 CFR) 50.36(c)(2)(i) states TS will include Limiting Conditions for Operation (LCO) which are "the lowest functional capability or performance levels of equipment required for safe operation of the facility."

The standby alternating current (AC) power sources are a part of the primary success path and function or actuate to mitigate a design-basis accident or transient that either assumes the failure of or presents a challenge to the integrity of a fission product barrier. Diesel fuel oil is retained in the TS to satisfy 10 CFR 50.36(c)(2)(i) since it supports the operation of the standby AC power sources. The proposed changes revise TS 3.8.3, "Diesel Fuel Oil and Starting Air," by relocating the current stored diesel fuel oil numerical volume requirements from the TS to the TS Bases so that it may be modified under licensee control.

The TS are modified so that the stored diesel fuel oil inventory will require that a 7 day supply be available for each diesel generator. As discussed in Section 3.0 of this SE, this change still provides assurance that the lowest functional capability or performance levels of equipment required for safe operation of the facility will be continued to be met. Because 10 CFR 50.36(c)(2)(i) continues to be met, this change is acceptable.

2.2 Modification to Action Table for TS 3.8.3, "Diesel Fuel Oil and Starting Air"

Paragraph 50.36(c)(2)(i) goes on to state that "when a limiting condition for operation of a nuclear reactor is not met, the licensee shall shut down the reactor or follow any remedial action permitted by the technical specifications until the condition can be met."

Condition A in the Action table for TS 3.8.3, "Diesel Fuel Oil and Starting Air," is revised to reflect the change in LCO requirements as discussed in Section 2.1 above. Currently, Condition A is entered when the stored diesel fuel oil numerical volume requirements are not met. As discussed in the current TS Bases, the numerical volume requirements in Condition A is based on volumes less than a 7 day supply, but greater than an a 6 day supply. The proposal relocates the volumetric requirements from the TS and places it in the TS Bases. The TS is modified so that Condition A is entered when the stored diesel fuel oil inventory is less than a 7 day supply, but greater than a 6 day supply for one or more diesel generators. These remedial actions are permitted by 10 CFR 50.36(c)(2)(i), and the technical justification for allowing these remedial actions is discussed in Section 3.0 of this SE.

2.3 Modification to SR 3.8.3.1

Paragraph 50.36(c)(3) states TS will include SRs which are "requirements relating to test, calibration, or inspection to assure that the necessary quality of systems and components is

maintained, that facility operation will be within safety limits, and that the limiting conditions for operation will be met.”

Currently, SR 3.8.3.1 verifies that the stored diesel fuel oil numerical volume requirements are met. SR 3.8.3.1 is revised to reflect the change in LCO requirements as discussed in Section 2.1 above. As a result, the SR is modified so that SR 3.8.3.1 verifies that the stored diesel fuel oil inventory is greater than or equal to a 7 day supply for each diesel generator. As discussed in Section 3.0 of this SE, this change still provides assurance that the necessary quality of systems and components is maintained, that facility operation will be within safety limits, and that the limiting conditions for operation will be met. Because 10 CFR 50.36(c)(3) continues to be met, this change is acceptable.

2.4 Modification to SR 3.8.1.4

The licensee proposed a modification to SR 3.8.1.4; the regulatory discussion is as follows:

- Paragraph 50.36(c)(3) states TS will include SRs which are “requirements relating to test, calibration, or inspection to assure that the necessary quality of systems and components is maintained, that facility operation will be within safety limits, and that the limiting conditions for operation will be met.”
- Currently, SR 3.8.1.4 verifies that the stored diesel fuel oil day tank numerical volume requirements are met. SR 3.8.1.4 is revised so that SR 3.8.1.4 verifies that the stored diesel fuel oil day tank inventory is greater than or equal to a 1 hour supply for each diesel generator and relocating the current stored diesel fuel oil day tank numerical volume requirement from the TS to the TS Bases so that it may be modified under licensee control.

As discussed in Section 3.0 of this SE, this change still provides assurance that the necessary quality of systems and components is maintained, that facility operation will be within safety limits, and that the limiting conditions for operation will be met. Because 10 CFR 50.36(c)(3) continues to be met, this change is acceptable.

3.0 TECHNICAL EVALUATION

3.1 Modification to LCO 3.8.3, “Diesel Fuel Oil and Starting Air,” Requirements

Each diesel generator is provided with a fuel oil capacity sufficient to operate that diesel generator for a period of 7 days while the diesel generator is supplying maximum load demand. This onsite fuel oil capacity is sufficient to operate the diesel generators for longer than the time to replenish the onsite supply from outside sources.

In order to meet a 7 day supply of stored diesel fuel oil for each diesel generator, TS 3.8.3, “Diesel Fuel Oil and Starting Air,” currently contains numerical volume requirements associated with a 7 day supply for each diesel generator. The TS Bases currently discuss that the numerical volume requirements are based on meeting a 7 day supply. The proposed change revises TS 3.8.3 by relocating the current stored diesel fuel oil numerical volume requirement from the TS to the TS Bases so that it may be modified under licensee control. The TS are

modified so that the stored diesel fuel oil inventory will require that a 7 day supply be available for each diesel generator. No changes to the current plant configuration, current numerical volume requirements, or current 7 day basis are proposed in the application; the licensee is merely relocating the current numerical volume requirements from the TS to the TS Bases and relocating the associated current 7 day basis from the TS Bases to the TS.

Section 3.3 below discusses the methodology on how the stored diesel fuel oil numerical volume basis in the TS Bases may be modified under licensee control. The use of this methodology will ensure that a 7 day supply of stored diesel fuel oil for each diesel generator will be met, thereby providing assurance that the lowest functional capability or performance levels of the diesel generator required for safe operation of the facility will continue to be met. Therefore, this change is acceptable.

3.2 Modification to Action Table for TS 3.8.3, "Diesel Fuel Oil and Starting Air"

Currently, Condition A is entered when the stored diesel fuel oil numerical volume requirements are not met. As discussed in the current TS Bases, the numerical volume requirements in Condition A are based on volumes less than a 7 day supply, but greater than an a 6 day supply. The proposal relocates the volumetric requirements from the TS and places it in the TS Bases. The TS are modified so that Condition A is entered when the stored diesel fuel oil inventory is less than a 7 day supply, but greater than a 6 day supply for one or more diesel generators.

No other parts of Condition A (i.e., Required Actions or Completion Times) are proposed to be modified in the application; the licensee is merely relocating the current numerical volume requirements that dictate Condition entry from the TS to the TS Bases and relocating the associated current less than 7 day but greater than 6 day basis for Condition entry from the TS Bases to the TS.

Section 3.3 below discusses the methodology on how the stored diesel fuel oil numerical volume basis in the TS Bases may be modified under licensee control. The use of this methodology will ensure that the 7 day and 6 day supplies of stored diesel fuel oil for each diesel generator that dictate Condition entry will continue to be calculated in accordance with NRC-approved methods. Therefore, this change is acceptable.

3.3 Modification to SRs 3.8.3.1

Currently, SR 3.8.3.1 verifies that the stored diesel fuel oil numerical volume requirements are met. SR 3.8.3.1 is revised to reflect the change in LCO Condition A requirements, namely that a 7 day supply be available for each diesel generator. As a result, the SR is modified so that SR 3.8.3.1 verifies that the stored diesel fuel oil inventory is greater than or equal to a 7 day supply for each diesel generator.

No other parts of SR 3.8.3.1 (i.e., Frequencies) are proposed to be modified in the application; the licensee is merely relocating the current numerical volume requirement verification from the TS to the TS Bases and relocating the associated current 7 day basis for verification from the TS Bases to the TS.

The methodology for determining the 7 day stored diesel fuel oil supply for each diesel generator, as well as the 6 day supply associated with Condition A, is calculated in accordance with RG 1.137, Revision 1, "Fuel-Oil Systems for Standby Diesel Generators," (ADAMS Accession No. ML003740180) and ANSI N195-1976. ANSI N195-1976 discusses how the stored diesel fuel oil requirement shall be calculated based upon the diesel generators operating at the minimum required capacity for the plant condition which is most limiting for the calculation of such capacity. One method for calculating the stored diesel fuel oil supply takes into account the time dependence of diesel generator loads. That is, if diesel generator loads increase or decrease during the event, the load changes shall be included in the required fuel storage calculation. If the design includes provisions for an operator to supply power to equipment other than the minimum required for the plant condition, such additional loads shall be included in the calculation of required fuel storage capacity. RG 1.137, Revision 1, supplements the above by stating that for the time-dependent load method, the minimum required capacity should include the capacity to power the engineered safety features. A minimum margin of 10 percent shall be added to the calculated storage requirement if the alternate conservative calculation discussed next is not used. Another method for calculating the stored diesel fuel oil supply, which is more conservative than the time-dependent load method, is to calculate the storage capacity by assuming that the diesel operates continuously for seven days at its rated capacity. The licensee stated that the latter, more conservative, method is used by the licensee to calculate the minimum EDG fuel oil storage and day tank capacity requirements. Both calculation methods shall include an explicit allowance for fuel consumption required by periodic testing. This includes the fuel required for operation of the engine at the minimum loads specified by the engine manufacturer.

One variable used in both stored diesel fuel oil calculation methods is the fuel consumption rate. The property of diesel fuel oil having the most significant effect on the fuel consumption rate is the energy content (heating value) of the fuel. There are standards which correlate the energy content to the fuel's API gravity or absolute specific gravity. At a minimum, plants calculate their required fuel storage values assuming the most limiting API gravity or absolute specific gravity, and therefore, the most limiting fuel energy content. As long as the fuel oil placed in the storage tank is within the API gravity range or absolute specific gravity range specified by the licensee, the calculations of fuel consumption and required stored volume remain valid. Current SR 3.8.3.2 requires new fuel to be tested in order to verify that the new fuel API gravity or absolute specific gravity is within the range assumed in the diesel fuel oil consumption calculations.

The licensee proposed a deviation from the above fuel oil energy content calculation methodology identified in TSTF-501. The licensee uses a direct energy content measurement of the diesel fuel oil to verify compliance with the most limiting energy content assumed in the determination of the required fuel oil volume. The direct energy content measurement is normally performed by the licensee in accordance with the methodology in ASTM D4809-09, "Standard Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter (Precision Method)." The licensee stated that they use ASTM D240-09, "Test Method for Heat of Combustion of Liquid Hydrocarbon Fuels by Bomb Calorimeter" as a backup methodology for performing the direct energy content measurement. The licensee stated that the acceptable range of energy content in the fuel oil is greater than or equal to 136,820 BTU per gallon, which is the limiting value used in their fuel oil volume calculation. The energy content in a fuel shipment is verified to be in this acceptable range before it is transferred to the fuel oil storage tank.

The above proposed licensee fuel oil calculation method still provides assurance that the necessary quality of systems and components is maintained, that facility operation will be within safety limits, and that the LCO will be met. Therefore, the change to SR 3.8.3.1 is acceptable.

3.4 Modification to SRs 3.8.1.4

The licensee proposed to revise TS 3.8.1, "AC Sources – Operating," following a similar approach to the TS 3.8.3 changes discussed above. The licensee states:

The proposed revision to SR 3.8.1.4 replaces the specific day tank numerical volume requirement with the requirement to maintain greater than or equal to one hour supply of fuel oil. The specific volume needed to support this requirement is relocated to the TS Bases.

No other parts of SR 3.8.1.4 (i.e., Frequencies) are proposed to be modified in the application. The licensee is merely relocating the current numerical volume requirement verification from the TS to the TS Bases and relocating the associated current minimum one hour requirement verification from the TS Bases to the TS.

The licensee uses the hourly EDG consumption rate of 210 gallons to determine the greater than or equal to one-hour stored diesel fuel oil supply in the day tank for each diesel generator. This volume of 210 gallons is consistent with one-hour design fuel consumption under rated EDG load with no additional margin. The licensee stated that the fuel oil transfer pumps automatically maintain each 550 gallon capacity day tank standby minimum level at greater than 460 gallons. This volume satisfies the fuel oil capacity requirement of Paragraph 6.1 of ANSI N195-1976.

The above methods still provide assurance that the necessary quality of systems and components is maintained, that facility operation will be within safety limits, and that the LCO will be met. Therefore, the change to SR 3.8.1.4 is acceptable.

4.0 STATE CONSULTATION

In accordance with the Commission's regulations, the Michigan State official was notified of the proposed issuance of the amendment. The State official had no comments.

5.0 ENVIRONMENTAL CONSIDERATION

The amendment changes a requirement with respect to the installation or use of a facility component located within the restricted area as defined in 10 CFR Part 20 or change the surveillance requirements. The NRC staff has determined that the amendment involves no significant increase in the amounts, and no significant change in the types, of any effluents that may be released offsite, and that there is no significant increase in individual or cumulative occupational radiation exposure. The Commission has previously issued a proposed finding that the amendment involves no significant hazards consideration and there has been no public comment on such finding (76 FR 61394). Accordingly, the amendment meets the eligibility criteria for categorical exclusion set forth in 10 CFR 51.22(c)(9). Pursuant to 10 CFR 51.22(b),

no environmental impact statement or environmental assessment need be prepared in connection with the issuance of the amendment.

6.0 CONCLUSION

The Commission has concluded, based on the considerations discussed above, that: (1) there is reasonable assurance that the health and safety of the public will not be endangered by operation in the proposed manner, (2) such activities will be conducted in compliance with the Commission's regulations, and (3) the issuance of the amendment will not be inimical to the common defense and security or to the health and safety of the public.

Principal Contributors: G.Waig
M. Singletary
R. Wolfgang

Date: February 24, 2012

Mr. Jack M. Davis
Senior Vice President and
Chief Nuclear Officer
Detroit Edison Company
Fermi 2 - 210 NOC
6400 North Dixie Highway
Newport, MI 48166

February 24, 2012

SUBJECT: FERMI 2 - ISSUANCE OF AMENDMENT RE: TSTF-501, REVISION 1,
"RELOCATE STORED FUEL OIL AND LUBE OIL VOLUME VALUES TO
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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,

/RA/

Mahesh L. Chawla, Project Manager
Plant Licensing Branch III-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket No. 50-341

Enclosures:

1. Amendment No. 188 to NPF-43
2. Safety Evaluation

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Amendment Accession Number: ML113500433

*w/comments attached

OFFICE	NRR/LPL3-1/PM	NRR/LPL3-1/LA	DE/EPTB/BC	DSS/STSB/BC*	DE/EEEB/BC
NAME	MChawla	BTully	AMcMurtray	RElliott	JAndersen
DATE	01/11/12	01/19/12	01/26/12	01/25/12	02/01/12
OFFICE	DSS/SBPB/BC	OGC /NLO	NRR/LPL3-1/BC (A)	NRR/LPL3-1/PM	
NAME	GCasto	LSubin	SWilliams	MChawla	
DATE	02/07/12	02/23/2012	02/24/12	02/23/12	

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