



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

February 27, 2020

Mr. Peter Dietrich  
Chief Nuclear Officer  
DTE Energy Company  
Fermi 2 – 260 TAC  
6400 North Dixie Highway  
Newport, MI 48166

SUBJECT: FERMI POWER PLANT, UNIT 2—NRC INITIAL LICENSE REEXAMINATION  
REPORT 05000341/2020301

Dear Mr. Dietrich:

On February 18, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed the initial operator licensing reexamination process for three license applicants employed at your Fermi Power Plant, Unit 2. The enclosed report documents the results of the reexamination. An exit meeting was conducted by telephone on February 19, 2020, with Mr. A. Pullam, Director, Nuclear Training, other members of your staff, and Mr. C. Zoia, Senior Operator Licensing Examiner, to review the final grading of the written reexamination for the license applicants. The NRC also confirmed that the station submitted documentation noting that there were no post-examination comments for consideration during the NRC grading of the reexamination.

The written reexamination was administered by Fermi Power Plant training department personnel on January 28, 2020. Two Senior Reactor Operator applicants and one Reactor Operator applicant were administered the license reexamination. The results of the reexamination were finalized on February 19, 2020. All applicants passed the written portion of the reexamination. Two applicants were issued senior operator licenses and one applicant was issued an operator license.

The written reexamination, as well as documents related to the development and review (outlines, review comments and resolution, etc.) of the reexamination will be withheld from public disclosure until February 18, 2022.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations*, Part 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

***/RA Randal Baker Acting for/***

Patricia Pelke, Chief  
Operations Branch  
Division of Reactor Safety

Docket No. 50-341  
License No. NPF-43

Enclosure:  
OL Examination Report 05000341/2020301

cc: Distribution via LISTSERV®  
A. Pullam, Director, Nuclear Training

Letter to Peter Dietrich from Patricia Pelke dated February 27 2020.

SUBJECT: FERMI POWER PLANT, UNIT 2—NRC INITIAL LICENSE REEXAMINATION  
REPORT 05000341/2020301

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No: 50-341

License No: NPF-43

Report No: 05000341/2020301

Enterprise Identifier: L-2020-OLL-0041

Licensee: DTE Energy Company

Facility: Fermi Power Plant, Unit 2

Location: Newport, MI

Dates: January 28, 2020 – February 18, 2020

Examiner: C. Zoia, Senior Operations Engineer, Chief Examiner

Approved By: P. Pelke, Chief  
Operations Branch  
Division of Reactor Safety

Enclosure

## **SUMMARY**

Examination Report 05000341/2020301; 01/28/2020–02/18/2020; DTE Energy Company, Fermi Power Plant, Unit 2; Initial License Reexamination Report.

The announced initial operator licensing reexamination was conducted by regional Nuclear Regulatory Commission examiners in accordance with the guidance of NUREG-1021, “Operator Licensing Examination Standards for Power Reactors,” Revision 11.

### Examination Summary

Three of three applicants passed all sections of their respective written examinations. Two Senior Reactor Operators were issued senior operator licenses and one Reactor Operator applicant was issued an operator license. (Section 4OA5.1).

## REPORT DETAILS

### 4OA5 Other Activities

#### .1 Initial Licensing Examinations

##### a. Examination Scope

The U.S. Nuclear Regulatory Commission (NRC) examiner and members of the facility licensee's staff used the guidance prescribed in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 11, to develop, validate, administer, and grade the written portion of the reexamination. The reexamination consisted of only the written portion of the examination; all portions of the operating test were successfully completed during the initial license examination and were therefore excused for this reexamination. The outline for the written reexamination was prepared by the NRC staff and transmitted to the facility licensee's staff. Members of the facility licensee's staff developed the written reexamination. The NRC validated the proposed reexamination and audited the license reapplications for accuracy. The Fermi Power Plant training department personnel administered the written portion of the reexamination on January 28, 2020.

##### b. Findings

###### (1) Written Examination

The NRC examiners determined that the written portion of the reexamination, as proposed by the licensee, was within the range of acceptability expected for a proposed examination. Less than 20 percent of the proposed reexamination questions were determined to be unsatisfactory and required modification or replacement.

During the validation of the written reexamination, all changes made to the written reexamination were made in accordance with NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," and were documented on Form ES 401-9, "Written Examination Review Worksheet." The Form ES-401-9, the written reexamination outlines (ES-401-1 and ES-401-3), and both the proposed and final written reexamination, will be available electronically in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS) on February 18, 2022, (ADAMS Accession Numbers ML19303A625, ML19303A603, ML19303A633, and ML19303A637, respectively).

On February 18, 2020, the licensee submitted documentation noting that there were no post-examination comments for consideration by the NRC examiner when grading the written reexamination.

The NRC examiner graded the written reexamination on February 11, 2020, and conducted a review of each missed question to determine the accuracy and validity of the reexamination questions.

(2) Examination Results

Three of three applicants passed all sections of their respective written examinations. Two Senior Reactor Operators were issued senior operator licenses and one Reactor Operator applicant was issued an operator license on February 19, 2020.

.2 Examination Security

a. Scope

The NRC examiners reviewed the licensee's implementation of examination security requirements during the reexamination development and administration to assure compliance with Title 10 of the *Code of Federal Regulations*, Part 55.49, "Integrity of Examinations and Tests." The examiners used the guidelines provided in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," to determine acceptability of the licensee's examination security activities.

b. Findings

None.

4OA6 Management Meetings

.1 Exit Meeting

The chief examiner conducted an exit meeting on February 19, 2020, with Mr. A. Pullam, Director, Nuclear Training, and other members of the Fermi Power Plant staff, by telephone. The chief examiner asked the licensee whether any of the material used to develop or administer the reexamination should be considered proprietary. No proprietary or sensitive information was identified.

ATTACHMENT: SUPPLEMENTAL INFORMATION

## **SUPPLEMENTAL INFORMATION**

### **KEY POINTS OF CONTACT**

#### Licensee

A. Pullam, Director, Nuclear Training  
W. Conroy, Superintendent, Operations Training  
M. Donigian, Program Supervisor-Simulator  
S. Schmus, Senior Nuclear Instructor  
J. VanBrunt, Senior Nuclear Instructor  
T. North, Operations Training

#### U.S. Nuclear Regulatory Commission

C. Zoia, Senior Operations Engineer, Chief Examiner

### **ITEMS OPENED, CLOSED, AND DISCUSSED**

#### Opened, Closed, and Discussed

None

### **LIST OF ACRONYMS USED**

ADAMS	Agencywide Document Access and Management System
NRC	U.S. Nuclear Regulatory Commission