



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

August 24, 2023

Peter Dietrich
Senior VP and Chief Nuclear Officer
DTE Electric Company
Fermi 2 – 260 TAC
6400 North Dixie Highway
Newport, MI 48166

SUBJECT: UPDATED INSPECTION PLAN FOR FERMI POWER PLANT, UNIT 2
(REPORT 05000341/2023005)

Dear Peter Dietrich:

The enclosed inspection plan lists the inspections scheduled through June 30, 2025, for Fermi Power Plant, Unit 2. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

During this period, the NRC will perform Inspection Procedure 71003, "Post-Approval Site Inspection for License Renewal," at your facility.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

P. Dietrich

2

Please contact me at 630-829-9731 with any questions you have regarding this letter.

Sincerely,



Signed by Stoedter, Karla
on 08/24/23

Karla K. Stoedter, Chief
Reactor Projects Branch 2
Division of Operating Reactor Safety

Docket No. 05000341

License No. NPF-43

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Peter Dietrich from Karla Stoedter dated August 24, 2023.

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(REPORT 05000341/2023005)

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Site Inspection Activity Plan

Fermi

07/01/2023 - 06/30/2025

Unit	Start	End	Activity	CAC	Title	Staff Count
Security Baseline Inspection						1
2	7/17/2023	7/21/2023	IP 71130.02	000734	Access Control	
Radiation Protection Baseline Inspection						1
2	7/24/2023	7/28/2023	IP 71124.07	000731	Radiological Environmental Monitoring Program	
Cyber Security Inspection						4
2	8/13/2023	8/14/2023	IP 71130.10	000741	Cybersecurity	
2	8/14/2023	8/18/2023	IP 71130.10	000741	Cybersecurity	
Biennial Problem Identification and Resolution Inspection						4
2	9/18/2023	10/6/2023	IP 71152B	000747	Problem Identification and Resolution	
Radiation Protection Baseline Inspection						1
2	10/2/2023	10/6/2023	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
2	10/2/2023	10/6/2023	IP 71124.04	000728	Occupational Dose Assessment	
2	10/2/2023	10/6/2023	IP 71151	000746	Performance Indicator Verification	
Emergency Preparedness Baseline Inspection / Performance Indicator Verification						1
2	10/16/2023	10/20/2023	IP 71114.02	000717	Alert and Notification System Testing	
2	10/16/2023	10/20/2023	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
2	10/16/2023	10/20/2023	IP 71114.05	000720	Maintenance of Emergency Preparedness	
2	10/16/2023	10/20/2023	IP 71151	001397	Performance Indicator Verification	
Security Baseline Inspection						1
2	1/22/2024	1/26/2024	IP 71130.01	000733	Access Authorization	
2	3/4/2024	3/8/2024	IP 71130.02	000734	Access Control	
2	3/4/2024	3/8/2024	IP 71130.09	001656	Security Plan Changes	
2	3/4/2024	3/8/2024	IP 71151	001338	Performance Indicator Verification	
2	3/25/2024	3/29/2024	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
Fermi February 2024 Initial License Exam						3
2	1/28/2024	2/3/2024	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	2/25/2024	3/2/2024	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
2	3/3/2024	3/9/2024	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
License Renewal Phase 1						1
2	3/25/2024	4/5/2024	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
Inservice Inspection						1
2	3/25/2024	4/5/2024	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
Security Baseline Inspection						1

Site Inspection Activity Plan

2	3/25/2024	3/29/2024	IP 71130.14	000743	Review of Power Reactor Target Sets	
Radiation Protection Baseline Inspection						1
2	4/1/2024	4/5/2024	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
2	4/1/2024	4/5/2024	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
2	4/1/2024	4/5/2024	IP 71151	000746	Performance Indicator Verification	
Radiation Protection Baseline Inspection						1
2	6/3/2024	6/7/2024	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
License Renewal Phase 2						4
2	8/12/2024	8/30/2024	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
Emergency Preparedness Exercise Inspection / Performance Indicator Verification						4
2	8/26/2024	8/30/2024	IP 71114.01	000716	Exercise Evaluation	
2	8/26/2024	8/30/2024	IP 71151	001397	Performance Indicator Verification	
Radiation Protection Baseline Inspection						1
2	9/9/2024	9/13/2024	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
Functional Engineering Inspection - Commercial Grade Dedication						3
2	10/7/2024	10/25/2024	IP 71111.21N.03	001808	Commercial Grade Dedication	
Force-On-Force Planning and Exercise Weeks - FER						5
2	3/3/2025	3/7/2025	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
2	3/24/2025	3/28/2025	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Functional Engineering Inspection - Aging of Structures, Systems, and Components						3
2	3/10/2025	3/28/2025	IP 71111.21N.04	001832	Age-Related Degradation	
Fermi May 2025 Initial License Examination						4
2	3/30/2025	4/5/2025	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	5/11/2025	5/17/2025	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
2	5/18/2025	5/24/2025	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Radiation Protection Baseline Inspection						1
2	5/5/2025	5/9/2025	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
2	5/5/2025	5/9/2025	IP 71124.04	000728	Occupational Dose Assessment	
2	5/5/2025	5/9/2025	IP 71151	000746	Performance Indicator Verification	