



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, ILLINOIS 60532-4352

October 13, 2020

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

SUBJECT: FERMI POWER PLANT, UNIT 2 – SECURITY BASELINE INSPECTION
REPORT 05000341/2020401

Dear Mr. Dietrich:

On August 31, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Fermi Power Plant, Unit 2 and discussed the results of this inspection with Mr. E. Olson, Site Vice President and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

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* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

Docket No. 05000341
License No. NPF-43

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

Letter to Peter Dietrich from Steven K. Orth dated October 13, 2020.

SUBJECT: FERMIL POWER PLANT, UNIT 2 – SECURITY BASELINE INSPECTION
REPORT 05000341/2020401

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Number: 05000341

License Number: NPF-43

Report Number: 05000341/2020401

Enterprise Identifier: I-2020-401-0063

Licensee: DTE Electric Company

Facility: Fermi Power Plant, Unit 2

Location: Newport, MI

Inspection Dates: July 01, 2020 to August 31, 2020

Inspectors: N. Egan, Senior Physical Security Inspector

Approved By: Steven K. Orth, Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Fermi Power Plant, Unit 2, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), regional inspectors were directed to begin telework. The inspection documented below was determined that the objectives and requirements stated in the IP could, in part, be performed remotely.

SAFEGUARDS

71130.02 - Access Control

The inspectors evaluated the access control program by completing the following inspection elements:

Access Control (1 Sample)

- (1)
 - Tier I: All requirements
 - Tier II: 02.06 a-d, 02.07 (a), 02.08 a-c
 - Tier III: 02.10 (a)

71130.08 - Fitness For Duty Program

The inspectors evaluated the fitness for duty program by completing the following inspection elements:

Fitness For Duty Program (1 Sample)

- (1)
 - Tier I: All requirements
 - Tier II: 02.05 a-l, 02.06 a-c
 - Tier III: None

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

- (1) Select security performance indicator data from August 2019 to July 2020.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On August 31, 2020, the inspectors presented the security baseline inspection results to Mr. E. Olson, Site Vice President and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Procedures	EP-205-01	RERP Plan Implementing Procedure	30A
		MGA09	Access Control	50A
		SEP-SE1-02	Security Lock and Key Control	21B
		SEP-SE1-14	Photo Identification and Keycards	39
		SEP-SE1-24	Owner Controlled Area - Access Control	12
		SEP-SE1-25	Personnel, Vehicle, and Material Search and Entry	24A
	SEP-SE1-30	Personnel, Vehicle, and Material Search Exceptions and Handling	3A	
	Self-Assessments	20-0103	Nuclear Quality Assurance Audit of the Physical Security, Safeguards Information Protection, Access Authorization, and Fitness-For-Duty Programs	03/06/2020
71130.08	Procedures	MGA10	Fitness for Duty and Behavioral Observation	36A
		SEP-AD4-01	Calibration of Alcohol Sensor	14
		SEP-AD4-02	FFD Drug and Alcohol Testing	51
		SEP-AD4-03	Blind Performance Testing	14
		SEP-SE1-13	Access Authorization	41