



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

September 5, 2018

Mr. Keith Polson, Senior VP  
and Chief Nuclear Officer  
DTE Energy Company  
Fermi 2 – 260 TAC  
6400 North Dixie Highway  
Newport, MI 48166

SUBJECT: FERMI POWER PLANT, UNIT 2—NRC SECURITY BASELINE INSPECTION  
REPORT 05000341/2018412

Dear Mr. Polson:

On August 16, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a Security Inspection at your Fermi Nuclear Power Plant, Unit 2 and the NRC inspectors discussed the results of this inspection with Mr. Matt Caragher and other members of your staff. The results of this inspection are documented in the enclosed report.

The NRC inspectors did not identify any finding or violation of more-than-minor significance.

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* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding."

If you choose to provide a response that contains Security-Related Information, please mark your entire response "Security-Related Information—Withhold from public disclosure under 10 CFR 2.390" in accordance with 10 CFR 2.390(d)(1) and follow the instructions for withholding in 10 CFR 2.390(b)(1). The NRC is waiving the affidavit requirements for your response in accordance with 10 CFR 2.390(b)(1)(ii).

Should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

***/RA Jure Kutlesa Acting for/***

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

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

Enclosure:  
IR 05000341/2018412

cc: Distribution via LISTSERV®

Letter to Keith Polson from Steven K. Orth dated September 5, 2018

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket No: 50-341

License No: NPF-43

Report No: 05000341/2018412

Enterprise Identifier: I-2018-412-0017

Licensee: DTE Energy Company

Facility: Fermi Power Plant, Unit 2

Location: Newport, MI

Dates: August 13, 2018, through August 16, 2018

Inspectors: N. Egan, Senior Physical Security Inspector  
A. Richardson, Security Specialist

Approved by: S. Orth, Chief  
Plant Support Branch  
Division of Reactor Safety

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission continued monitoring 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 U.S. Nuclear Regulatory Commission'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 were identified.

### **Additional Tracking Items**

None.

## **INSPECTION SCOPES**

Inspections were conducted using the appropriate portions of the inspection procedures in effect at the beginning of the inspection unless otherwise noted. Samples were declared complete when the inspection procedure requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2515, "Light-Water Reactor Inspection Program - Operations Phase." 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.

## **SAFEGUARDS**

### 71130.04—Equipment Performance, Testing, and Maintenance (1 Sample)

The inspectors evaluated the Security Testing and Maintenance Program. The following elements were evaluated:

Tier I: All

Tier II: (02.09a, b; 02.10a; 02.11a; 02.12.a; 02.13a)

Tier III: (02.14; 02.15a, c)

## **INSPECTION RESULTS**

No findings or violations were identified.

## **EXIT MEETINGS AND DEBRIEFS**

The inspectors confirmed that proprietary information was controlled to protect from public disclosure. The inspectors verified no proprietary information was retained or documented in this report.

- On August 16, 2018, the inspectors presented the security inspection results to Mr. Caragher, and other members of the licensee staff.

## **DOCUMENTS REVIEWED**

### 71130.04—Equipment Performance, Testing, and Maintenance

- Fermi 2 Physical Security Plan; Revision 18
- Security Event Log Entries; 03/31/2018 - 07/31/2018
- SEP-SE1-01; Testing and Maintenance; Revision 51
- SEP-SE1-01001; Operability Worksheet; 04/15/2016
- SEP-SE1-01003; Special Purpose Detector Operability/Performance Test Form; 11/05/2016
- SEP-SE1-01004; Tamper/Supervisory Testing; 12/22/2014
- SEP-SE1-22; Weapons Preventative Maintenance Guidelines and Data Entry; Revision 6
- NSSE-18-0037; Quick-Hit Self-Assessment – Testing & Maintenance Program; 03/2018
- NQA 18-0-105; NQA Audit Report; 05/15/2018
- TB-612; New Gemini Installation Document & Testing Checklist; 09/16/2018
- CEIA Walk-Through Metal Detector Site Acceptance Testing & Service Call Report; 08/14/2018
- CARD 18-26186; Proficiency Enhancement of Operability Testing of Security Doors; 08/16/2018
- CARD 18-26118; MD3 Failed Performance Testing; 08/14/2018