



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

August 28, 2019

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

SUBJECT: UPDATED INSPECTION PLAN FOR FERMI POWER PLANT, UNIT 2
(REPORT 05000341/2019005)

Dear Mr. Fessler:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for the Fermi Power Plant. 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. You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. 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.

In addition to baseline inspection, the NRC plans to perform Inspection Procedure 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants."

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

Please contact me at 630-829-9620 with any questions you have regarding this letter.

Sincerely,

/RA/

Eric R. Duncan, Chief
Branch 4
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Paul Fessler from Eric Duncan dated August 28, 2019

SUBJECT: UPDATED INSPECTION PLAN FOR FERMI POWER PLANT, UNIT 2
(REPORT 05000341/2019005)

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IP 22 Inspection Activity Plan Report

Fermi

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Cyber Security Inspection						5
2	09/23/2019	10/11/2019	IP 71130.10P	000741	Cyber Security	
Emergency Preparedness Baseline Inspection						1
2	09/30/2019	10/04/2019	IP 71114.02	000717	Alert and Notification System Testing	
2	09/30/2019	10/04/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
2	09/30/2019	10/04/2019	IP 71114.05	000720	Maintenance of Emergency Preparedness	
2	09/30/2019	10/04/2019	IP 71151	001397	Performance Indicator Verification	
Triennial Heat Sink Inspection						2
2	10/28/2019	11/01/2019	IP 71111.07T	000700	Heat Sink Performance	
Radiation Protection Baseline Inspection						1
2	11/04/2019	11/08/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
Biennial Requalification Program Inspection						2
2	11/18/2019	11/22/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Security Baseline Inspection						1
2	02/24/2020	02/28/2020	IP 71130.08	000740	Fitness For Duty Program	
2	02/24/2020	02/28/2020	IP 71151	001338	Performance Indicator Verification	
2	04/27/2020	05/01/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
Inservice Inspection Fermi Unit 2						1
2	03/23/2020	04/03/2020	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
Radiation Protection Baseline Inspection						2
2	03/30/2020	04/03/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
2	03/30/2020	04/03/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
2	03/30/2020	04/03/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
2	03/30/2020	04/03/2020	IP 71124.04	000728	Occupational Dose Assessment	
Radiation Protection Baseline Inspection						1
2	06/15/2020	06/19/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
2	06/15/2020	06/19/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
2	06/15/2020	06/19/2020	IP 71124.04	000728	Occupational Dose Assessment	

IP 22 Inspection Activity Plan Report

Fermi

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
Emergency Preparedness Exercise Inspection / Performance Indicator Verification						4
2	06/22/2020	06/26/2020	IP 71114.01	000716	Exercise Evaluation	
2	06/22/2020	06/26/2020	IP 71151	001397	Performance Indicator Verification	
Triennial Fire Protection Inspection						3
2	06/29/2020	07/17/2020	IP 71111.21N.05		Fire Protection Team Inspection (FPTI)	
Security Baseline Inspection						1
2	08/31/2020	09/04/2020	IP 71130.02	000734	Access Control	
2	08/31/2020	09/04/2020	IP 71130.05	000737	Protective Strategy Evaluation	
Radiation Protection Baseline Inspection						1
2	10/12/2020	10/16/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
Design Bases Assurance Inspection (Programs)						3
2	11/16/2020	12/04/2020	IP 71111.21N.02		Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
Radiation Protection Baseline Inspection						1
2	11/16/2020	11/20/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Fermi December 2020 Initial Exam						3
2	11/16/2020	11/20/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	12/07/2020	12/24/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
Security Baseline Inspection						1
2	01/18/2021	01/22/2021	IP 71130.01	000733	Access Authorization	
2	04/05/2021	04/09/2021	IP 71130.02	000734	Access Control	
2	04/05/2021	04/09/2021	IP 71130.14	000743	Review of Power Reactor Target Sets	
Radiation Protection Baseline Inspection						1
2	04/26/2021	04/30/2021	IP 71124.05	000729	Radiation Monitoring Instrumentation	
ISFSI Program Review Inspection 2Q2021						1
2	05/17/2021	05/21/2021	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	