



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

August 28, 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: UPDATED INSPECTION PLAN FOR FERMI 2 (REPORT 05000341/2018005)

Dear Mr. Polson:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for Fermi 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.

In addition to the baseline inspection, the NRC plans to conduct an infrequently performed inspection in accordance with Inspection Procedure (IP) 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants," and a Temporary Instruction in accordance with TI 2515/193, "Inspection of the Implementation of EA-13-109: Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation under Severe Accident Conditions."

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 630-829-9827 with any questions you have regarding this letter.

Sincerely,

/RA/

Billy Dickson, Chief
Branch 5
Division of Reactor Projects

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

Enclosure:
Inspection Plan

cc: Distribution via LISTSERV®

Letter to Keith Polson from Billy Dickson dated August 28, 2018

SUBJECT: UPDATED INSPECTION PLAN FOR FERMI 2 (REPORT 05000341/2018005)

DISTRIBUTION:

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ADAMS Accession Number: ML18240A362

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NAME	BDickson:bw						
DATE	8/28/2018						

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Fermi

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RADIATION PROTECTION BASELINE INSPECTION						1
2	10/01/2018	10/05/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
2	10/01/2018	10/05/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Triennial 50.59 Inspection						3
2	12/10/2018	12/14/2018	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
SECURITY BASELINE INSPECTION						1
2	02/11/2019	02/15/2019	IP 71130.02	000734	Access Control	
DBA TEAM						6
2	05/06/2019	05/24/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
2019 FERMI Exam						4
2	05/12/2019	05/18/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
FORCE-ON-FORCE PLANNING AND EXERCISES						8
2	05/13/2019	05/17/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
2	06/03/2019	06/07/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
RADIATION PROTECTION BASELINE INSPECTION						2
2	05/20/2019	05/24/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
2	05/20/2019	05/24/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
ISFSI Cask Loading Inspection 2Q2019						2
2	06/10/2019	06/14/2019	IP 60855.1	000590	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
BIENNIAL PI&R INSPECTION						4
2	06/10/2019	06/28/2019	IP 71152B	000747	Problem Identification and Resolution	
RADIATION PROTECTION BASELINE INSPECTION						1
2	07/15/2019	07/19/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
SECURITY BASELINE INSPECTION						1
2	07/15/2019	07/19/2019	IP 71130.07	000739	Security Training	
2	07/15/2019	07/19/2019	IP 71151	001338	Performance Indicator Verification	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

Fermi

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RELIABLE HARDENED CONTAINMENT VENTS TI-193						2
2	08/19/2019	08/23/2019	TI 2515/193	000511	Inspection of the Implementation of EA-13-109: Order Modifying Licenses with Regard to Reliable Hardened Containment Vents Capable of Operation under Severe Accident Conditions	
Security Baseline Inspection						1
2	08/26/2019	08/28/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
CYBER SECURITY INSPECTION						5
2	09/23/2019	10/11/2019	IP 71130.10P	000741	Cyber Security	
EP 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	Correction of Emergency Preparedness Weaknesses and Deficiencies	
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 -Triennial	
RADIATION PROTECTION BASELINE INSPECTION						1
2	11/04/2019	11/08/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
BIENNIAL REQUAL PROGRAM INSPECTION						2
2	11/18/2019	11/22/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
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	
Inservice Inspection Fermi Unit 2						1
2	03/23/2020	04/03/2020	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
RP 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	

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09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RP Baseline Inspection						2
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	000729	Occupational Dose Assessment	
RP 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	000729	Occupational Dose Assessment	
Triennial Fire Protection Inspection						3
2	06/29/2020	07/17/2020	IP 71111.05T	000696	Fire Protection (Triennial)	