



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

March 4, 2014

Mr. Joseph Plona
Senior Vice President and
Chief Nuclear Officer
Detroit Edison Company
Fermi 2 - 210 NOC
6400 North Dixie Highway
Newport, MI 48166

SUBJECT: ANNUAL ASSESSMENT LETTER FOR FERMI POWER PLANT, UNIT 2
(REPORT 05000341/2013001)

Dear Mr. Plona:

On February 12, 2014, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of Fermi Power Plant (Fermi), Unit 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2013, through December 31, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that, overall, Fermi operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Fermi, Unit 2, during the most recent quarter was within the Licensee Response Column (Column 1) of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in Calendar Year (CY) 2014 will reflect this revision to Inspection Manual Chapter (IMC) 0310. The CY 2013 end-of-cycle assessments were conducted using the IMC 0310 guidance in effect in CY 2013 (dated October 28, 2011). Cross-cutting aspects identified in 2013 using the 2013 terminology will be converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. The inspection plan does not include security-related inspections, which will be sent via separate, non-publicly available correspondence.

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

Please contact Mr. Michael Kunowski at 630-829-9618 with any questions you have regarding this letter or its attachments.

Sincerely,

/RA/

Anne T. Boland, Director
Division of Reactor Projects

Docket Nos. 50-341; 072-071
License No. NPF-43

Enclosure:
Fermi 2 Inspection/Activity Plan

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J. Plona

-2-

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. The inspection plan does not include security-related inspections, which will be sent via separate, non-publicly available correspondence.

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DOCUMENT NAME: Fermi Annual Assessment Letter

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SUBJECT: ANNUAL ASSESSMENT LETTER FOR FERMI POWER PLANT, UNIT 2
(REPORT 05000341/2013001)

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Fermi
Inspection / Activity Plan
03/01/2014 - 06/30/2015

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI EPX - EP EXERCISE INSPECTION / PI VERIFICATION		2
2	04/28/2014	05/02/2014	IP 71151	Performance Indicator Verification	
			ISFSI - ISFSI INSPECTION		2
2	02/01/2014	05/31/2014	IP 60856.1	Review of 10 CFR 72.212(b) Evaluations at Operating Plants	
			BI ISI - INSERVICE INSPECTION		1
2	02/10/2014	03/17/2014	IP 7111108G	Inservice Inspection Activities - BWR	
			ISFSI - ISFSI INSPECTION		2
2	04/01/2014	07/31/2014	IP 60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
2	05/12/2014	05/16/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			BI FP - FIRE PROTECTION INSPECTION& BAG TRIP		5
2	08/11/2014	09/12/2014	IP 7111105T	Fire Protection [Triennial]	
			ISFSI - ISFSI INSPECTION		2
2	07/01/2014	08/31/2014	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
2	07/14/2014	07/18/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
2	08/18/2014	08/22/2014	IP 71124.07	Radiological Environmental Monitoring Program	
2	08/18/2014	08/22/2014	IP 71151-BI01	Reactor Coolant System Activity	
2	08/18/2014	08/22/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
2	08/18/2014	08/22/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
2	11/17/2014	11/21/2014	IP 71124.02	Occupational ALARA Planning and Controls	
			BI MODS - MODIFICATIONS 50;59 TRI INSPECTION		1
2	01/26/2015	02/13/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			RENEWAL - LICENSE RENEWAL INSPECTION 71002		1
2	03/09/2015	03/27/2015	IP 71002	License Renewal Inspection	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
2	03/23/2015	03/27/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION		2
2	06/15/2015	06/19/2015	IP 7111402	Alert and Notification System Testing	
2	06/15/2015	06/19/2015	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	06/15/2015	06/19/2015	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

Fermi
Inspection / Activity Plan
03/01/2014 - 06/30/2015

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			BI EPR - EP ROUTINE INSPECTION / PI VERIFICATION		2
2	06/15/2015	06/19/2015	IP 71151	Performance Indicator Verification	
			BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
2	06/08/2015	06/12/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	06/08/2015	06/12/2015	IP 71124.04	Occupational Dose Assessment	

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