



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 3, 2010

Mr. Jack M. Davis
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 - FERMI POWER PLANT, UNIT 2
(05000341/2010001)**

Dear Mr. Davis:

On February 10, 2010, the NRC staff completed its performance review of Fermi Power Plant, Unit 2. Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2009. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only - Security Information" will include the Security Cornerstone review and resultant inspection plan.

Overall, Fermi Unit 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting several special and infrequently performed inspection procedures (IPs) which include: IP 60854.1, "Preoperational Testing of Independent Spent Fuel Storage Facility Installations at Operating Plants"; IP 60855.1, "Operation of an Independent Spent Fuel Storage Installation at Operating Plants"; IP 92702, "Follow-up on Traditional Enforcement Actions Including Violations, Deviations, Confirmatory Action Letters, Confirmatory Orders, and Alternative Dispute Resolution Confirmatory Orders"; and IP 92709, "Licensee Strike Contingency Plans."

J. Davis

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The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through June 30, 2011. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last 9 months of the inspection plan are tentative and may be revised at the end-of-cycle review.

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

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 630-829-9619 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

John B. Giessner, Chief
Branch 4
Division of Reactor Projects

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

Enclosure: Fermi Inspection/Activity Plan

cc w/encl: Distribution via ListServ

Fermi
Inspection / Activity Plan
03/01/2010 - 06/30/2011

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		ISFSI - ISFSI INSPECTION		2
01/01/2010	05/31/2010	IP 60854.1	Preoperational Testing of Independent Spent Fuel Storage Facility Installation at Operating Plants	
05/01/2010	07/31/2010	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
03/29/2010	04/02/2010	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
		STRIKE - STRIKE CONTINGENCY - OPS/MAINT/RP		2
03/29/2010	06/04/2010	IP 92709	Licensee Strike Contingency Plans	
		TI - TEMPORARY INSTRUCTION 2515/180		1
05/20/2010	05/20/2010	IP 2515/180	Inspection of Procedures and Processes for Managing Fatigue	
		BI EP - EP EXERCISE INSPECTION / PI VERIFICATION		3
06/07/2010	06/11/2010	IP 7111401	Exercise Evaluation	
06/07/2010	06/11/2010	IP 71151-EP01	Drill/Exercise Performance	
06/07/2010	06/11/2010	IP 71151-EP02	ERO Drill Participation	
06/07/2010	06/11/2010	IP 71151-EP03	Alert & Notification System	
		OL PREP - FERMI INIT PREP - AUG. 2010		3
08/09/2010	08/13/2010	IP 92702	Followup On Corrective Actions For Violations And Deviations	
08/09/2010	08/13/2010	W90219	OL - INITIAL EXAM - AUG 2010 - FERM	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
08/23/2010	08/27/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
08/23/2010	08/27/2010	IP 71124.02	Occupational ALARA Planning and Controls	
08/23/2010	08/27/2010	IP 71151-BI01	Reactor Coolant System Activity	
08/23/2010	08/27/2010	IP 71151-OR01	Occupational Exposure Control Effectiveness	
08/23/2010	08/27/2010	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		OL EXAM - FERMI INIT EXAM - AUG. 2010		3
08/30/2010	09/03/2010	W90219	OL - INITIAL EXAM - AUG 2010 - FERM	
		BI ENG - ENGINEERING INSERVICE INSPECTION		1
10/24/2010	11/11/2010	IP 7111108G	Inservice Inspection Activities - BWR	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
11/01/2010	11/05/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
11/01/2010	11/05/2010	IP 71124.02	Occupational ALARA Planning and Controls	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
11/29/2010	12/03/2010	IP 71124.05	Radiation Monitoring Instrumentation	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
03/28/2011	04/01/2011	IP 2515/179	Verification of Licensee Responses to NRC Requirement for Inventories of Materials Tracked in NSTS	

Fermi
Inspection / Activity Plan
03/01/2010 - 06/30/2011

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		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
03/28/2011	04/01/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
03/28/2011	04/01/2011	IP 71124.02	Occupational ALARA Planning and Controls	
		BI EP - EP ROUTINE INSPECTION / PI VERIFICATION		2
04/18/2011	04/22/2011	IP 7111402	Radiological Environmental Monitoring Program	
04/18/2011	04/22/2011	IP 7111403	Emergency Response Organization Augmentation Testing	
04/18/2011	04/22/2011	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
04/18/2011	04/22/2011	IP 71151-EP01	Drill/Exercise Performance	
04/18/2011	04/22/2011	IP 71151-EP02	ERO Drill Participation	
04/18/2011	04/22/2011	IP 71151-EP03	Alert & Notification System	
		BI ENG - TRIENNIAL FIRE PROTECTION INSPECTION		3
04/18/2011	05/20/2011	IP 7111105T	Fire Protection [Triennial]	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
06/13/2011	06/17/2011	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
06/13/2011	06/17/2011	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
06/13/2011	06/17/2011	IP 71124.04	Occupational Dose Assessment	

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John B. Giessner, Chief
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cc w/encl: Distribution via ListServ

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Letter to J. Davis from J. Giessner dated March 3, 2010.

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(05000341/2010001)

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