



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

March 4, 2009

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
(05000341/2009001)

Dear Mr. Davis:

On February 10, 2009, 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, 2008. 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 Related Information" will include the Security Cornerstone review and resultant inspection plan.

Overall, Fermi Power Plant 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 at Fermi Unit 2 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.

In our 2008 mid-cycle assessment letter dated September 2, 2008, we advised you of a substantive cross-cutting issue in the area of human performance (HP) which was continued from the 2007 end-of-cycle assessment. During this assessment period, we have observed the results of corrective actions you have taken to address this issue and have noted a marked decrease in human performance cross-cutting issues. We have concluded that changes in procedures and policies, along with the emphasis through the management and supervisor levels on the use of human performance tools, has improved human performance at Fermi. Therefore, we have determined that your progress is sufficient to provide adequate confidence in your effectiveness in resolving this issue, and the substantive cross-cutting issue in the area of HP is closed.

The enclosed inspection plan details the inspections, less those related to security, scheduled through June 30, 2010. 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 mid-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 this inspection plan, we will contact you to discuss the change as soon as possible. Please contact John (Jack) Giessner at 630-829-9619 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Cynthia D. Pederson, Director
Division of Reactor Projects

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

Enclosure: Fermi Inspection/Activity Plan

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J. Davis

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Letter to J. Davis from C. Pederson dated March 4, 2009

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(05000341/2009001)

cc w/encl: J. Plona, Vice President,
Nuclear Generation
K. Hlavaty, Plant Manager
R. Gaston, Manager, Nuclear Licensing
D. Pettinari, Legal Department
Michigan Department of Environmental Quality
G. Williams, Director, Monroe County
Emergency Management Division
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Wayne County Emergency Management Division
Chair, Wayne County Board of Commissioners
Wayne County Sheriff
Director, Wayne County Emergency
Management Agency
Mayor of Flat Rock
Mayor of Gibraltar
City Administrator of Gibraltar
Monroe County Board Chairman
Monroe County Sheriff
Director, Monroe County Emergency
Management Agency
Director, Monroe County Health Department
Mayor of Monroe
Monroe City Manager
Carleton Village President
Mayor of Rockwood
Rockwood City Administrator
Supervisor, Frenchtown Charter Township
G. Mortensen, INPO

Fermi
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
		BI ENG - ENGINEERING MODIFICATIONS / 50.59 INSP.		3
06/01/2009	06/19/2009	IP 711117B	Evaluations of Changes, Tests, or Experiments & Permanent Plant Modifications	
		OL EXAM - FERMI INITIAL LICENSE EXAMINATION		3
03/16/2009	03/20/2009	W90197	OL - INITIAL EXAM - MARCH 2009 - FERM	
		BI ENG - ENGINEERING INSERVICE INSPECTION		1
04/06/2009	04/10/2009	IP 7111108G	Inservice Inspection Activities - BWR	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		2
04/06/2009	04/10/2009	IP 7112101	Access Control to Radiologically Significant Areas	
04/06/2009	04/10/2009	IP 7112102	ALARA Planning and Controls	
		ISFSI - ISFSI - DESIGN AND PAD CONSTRUCTION		1
04/01/2009	09/30/2009	IP 60853	On-Site Fabrication Of Components And Construction On An ISFSI	
04/01/2009	09/30/2009	IP 60856	Review of 10 CFR 72.212(b) Evaluations	
04/01/2009	09/30/2009	IP 60856.1	Review of 10 CFR 72.212(b) Evaluations at Operating Plants	
		BI ENG - TRIENNIAL HEAT SINK INSPECTION		1
07/06/2009	07/10/2009	IP 7111107T	Heat Sink Performance	
		BI PI&R - BIENNIAL PI&R INSPECTION		5
09/21/2009	10/09/2009	IP 71152B	Identification and Resolution of Problems	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
09/14/2009	09/18/2009	IP 7112101	Access Control to Radiologically Significant Areas	
09/14/2009	09/18/2009	IP 7112102	ALARA Planning and Controls	
09/14/2009	09/18/2009	IP 71151-BI01	Reactor Coolant System Activity	
09/14/2009	09/18/2009	IP 71151-OR01	Occupational Exposure Control Effectiveness	
09/14/2009	09/18/2009	IP 71151-PR01	RETS/ODCM Radiological Effluent	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
11/02/2009	11/06/2009	IP 7112202	Radioactive Material Processing and Transportation	
		HD DROP - SMART SAMPLE OPESS FY-2007-03, REV. 2		1
11/16/2009	12/03/2009	IP 7111120-Rfl	Refueling Activities	
		BI OL - LIC. OPERATOR REQUAL. PROGRAM EVALUATION		2
12/14/2009	12/18/2009	IP 7111111B	Licensed Operator Requalification Program	
		BI ENG - COMPONENT DESIGN BASIS INSPECTION		6
01/11/2010	02/12/2010	IP 7111121	Component Design Bases Inspection	
		BI RP - RADIATION PROTECTION BASELINE INSPECTION		1
03/22/2010	03/26/2010	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Program	
		BI EP - EP EXERCISE INSPECTION/PI VERIFICATION		4
06/07/2010	06/11/2010	IP 7111401	Exercise Evaluation	

Fermi
Inspection / Activity Plan
03/01/2009 - 06/30/2010

Planned Dates		Inspection Activity	Title	No. of Staff on Site
Start	End			
BI EP - EP EXERCISE INSPECTION/PI VERIFICATION				4
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	
BI RP - RADIATION PROTECTION BASELINE INSPECTION				1
06/14/2010	06/18/2010	IP 7112101	Access Control to Radiologically Significant Areas	
06/14/2010	06/18/2010	IP 7112102	ALARA Planning and Controls	
06/14/2010	06/18/2010	IP 71151-BI01	Reactor Coolant System Activity	
06/14/2010	06/18/2010	IP 71151-OR01	Occupational Exposure Control Effectiveness	
06/14/2010	06/18/2010	IP 71151-PR01	RETS/ODCM Radiological Effluent	

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Tamara Bloomer

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