

August 30, 2004

Mr. William O'Connor, Jr.
Vice President
Nuclear Generation
Detroit Edison Company
6400 North Dixie Highway
Newport, MI 48166

SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN
FERMI POWER PLANT, UNIT 2 (REPORT 05000341/05-01)

Dear Mr. O'Connor:

On August 11, 2004, the NRC staff completed its mid-cycle plant performance assessment of the Fermi Power Plant. The mid-cycle review for the Fermi Power Plant involved the participation of all technical divisions in evaluating performance for the first half of the 2004 assessment cycle. The process included a review of performance indicators (PIs) for the most recent quarter and inspection results over the previous 12 months. 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 so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities.

Plant performance for the most recent quarter was within the Regulatory Response Column of the NRC's Action Matrix based on one White PI in the Emergency Alternating Current (AC) Power System Unavailability area of the Mitigating Systems cornerstone that originated in the third quarter of the 2003 assessment period. Otherwise, all inspection findings were classified as having very low safety significance (Green) and all performance indicators indicated performance at a level requiring no additional oversight (Green).

An Inspection Procedure 95001 Supplemental Inspection was conducted to review the circumstances surrounding the White performance indicator in the Emergency AC Power System Unavailability area of the Mitigating Systems cornerstone. The inspection determined that the root cause analysis of the event was adequate and appropriate corrective actions were identified. Therefore we plan to conduct only Reactor Oversight Process (ROP) baseline inspections at your facility through March 31, 2006.

The enclosed inspection plan details the inspections scheduled through March 31, 2006. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspection plan for the last 12 months is tentative and may be revised at the end-of-cycle review meeting.

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 Eric Duncan at (630) 829-9628 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Steven A. Reynolds, Acting Director
Division of Reactor Projects

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

Enclosure: Fermi 2 Inspection/Activity Plan

See Attached Distribution

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Steven A. Reynolds, Acting Director
Division of Reactor Projects

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cc w/encl:

N. Peterson, Manager, Nuclear Licensing

D. Pettinari, Corporate Legal Department

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G. White, Michigan Public Service Commission

L. Brandon, Michigan Department of Environmental Quality

Monroe County, Emergency Management Division

Planning Manager, Emergency Management Division

MI Department of State Police

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PLB1

JRK1

Fermi
Inspection / Activity Plan
09/01/2004 - 03/31/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71121.03	- RADIOLOGICAL INSTRUMENTATION	1			
2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		09/13/2004	09/17/2004	Baseline Inspections
2	IP 71151	Performance Indicator Verification		09/13/2004	09/17/2004	Baseline Inspections
	FY 2004	- FERMI INIT EXAM 09/2004	3			
2	W90110	OL - INITIAL EXAM - FERMI 2 - AUG/SEP 2004		09/20/2004	09/24/2004	Not Applicable
	MOD/5059	- MODIFICATIONS & 50.59	3			
2	IP 7111102	Evaluation of Changes, Tests, or Experiments		10/04/2004	10/08/2004	Baseline Inspections
2	IP 7111117B	Permanent Plant Modifications		10/04/2004	10/08/2004	Baseline Inspections
	ISI	- INSERVICE INSPECTION	1			
2	IP 7111108G	Inservice Inspection Activities - BWR		11/01/2004	11/05/2004	Baseline Inspections
	71121.02	- OUTAGE ALARA	1			
2	IP 7112102	ALARA Planning and Controls		11/15/2004	11/19/2004	Baseline Inspections
	71122.02	- RADWASTE & TRANSPORTATION	1			
2	IP 7112202	Radioactive Material Processing and Transportation		02/21/2005	02/25/2005	Baseline Inspections
	71114	- BASELINE EP INSPECTION	1			
2	IP 7111402	Alert and Notification System Testing		04/25/2005	04/29/2005	Baseline Inspections
2	IP 7111403	Emergency Response Organization Augmentation Testing		04/25/2005	04/29/2005	Baseline Inspections
2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		04/25/2005	04/29/2005	Baseline Inspections
2	IP 71151	Performance Indicator Verification		04/25/2005	04/29/2005	Baseline Inspections
	HEATSKB	- BIENNIAL HEAT SINK INSPECTION	1			
2	IP 7111107B	Heat Sink Performance		05/09/2005	05/13/2005	Baseline Inspections
	71121.01	- RADIOLOGICAL ACCESS CONTROL	1			
2	IP 7112101	Access Control to Radiologically Significant Areas		05/16/2005	05/20/2005	Baseline Inspections
2	IP 71151	Performance Indicator Verification		05/16/2005	05/20/2005	Baseline Inspections
	FPI	- TRIENNIAL FIRE PROTECTION INSPECTION	3			
2	IP 7111105T	Fire Protection		06/27/2005	07/15/2005	Baseline Inspections
	71122.01	- RADIOLOGICAL EFFLUENT CONTROL	1			
2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		08/22/2005	08/26/2005	Baseline Inspections
2	IP 71151	Performance Indicator Verification		08/22/2005	08/26/2005	Baseline Inspections
	PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	3			
2	IP 71152B	Identification and Resolution of Problems		10/17/2005	11/04/2005	Baseline Inspections
	SSDPC	- SAFETY SYSTEM DESIGN & PERFORMANCE	6			
2	IP 7111121	Safety System Design and Performance Capability		11/14/2005	12/02/2005	Baseline Inspections
	71111.11	- LIC OPERATOR REQUAL PROGRAM EVALUATION	2			
2	IP 7111111B	Licensed Operator Requalification Program		12/05/2005	12/09/2005	Baseline Inspections

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

Fermi
Inspection / Activity Plan
09/01/2004 - 03/31/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71121.02 - NON-OUTAGE ALARA		1			
2	IP 7112102	ALARA Planning and Controls		12/05/2005	12/09/2005	Baseline Inspections
2	IP 71151	Performance Indicator Verification		12/05/2005	12/09/2005	Baseline Inspections
	MAINT - MAINTENANCE EFFECTIVENESS		1			
2	IP 7111112B	Maintenance Effectiveness		02/13/2006	02/17/2006	Baseline Inspections
	ISI - FERMI ISI INSPECTION		1			
2	IP 7111108G	Inservice Inspection Activities - BWR		03/18/2006	04/23/2006	Baseline Inspections