

August 27, 2003

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

SUBJECT: MID-CYCLE ASSESSMENT LETTER - FERMI NUCLEAR POWER
STATION (REPORT 50-341/04-01)

Dear Mr. O'Connor:

On July 30, 2003, the NRC staff completed its mid-cycle plant performance assessment of Fermi 2. The mid-cycle review for Fermi 2 involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the first half of the current assessment cycle, January 1, 2003 - December 31, 2003. 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 which may conflict with your plant activities.

Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as very low safety significance (Green) and all performance indicators at a level requiring no additional oversight. Therefore, we plan to conduct only baseline inspections at your facility through September 30, 2004.

The enclosed inspection plan details the inspections scheduled through September 30, 2004. 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 last 6 months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 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/index.html> (the Public Electronic Reading Room).

W. O'Connor, Jr.

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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 Mark Ring at (630) 829-9703 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Mark Ring, Chief
Branch 1
Division of Reactor Projects

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

Enclosure: Fermi 2 Inspection/Activity Plan

See Attached Distribution

W. O'Connor, Jr.

-2-

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 Mark Ring at (630) 829-9703 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Mark Ring, Chief
Branch 1
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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|--------|------------|--|----------|--|--|--|
| OFFICE | RIII | | RIII | | | |
| NAME | MSheikh/co | | MRing | | | |
| DATE | 08/13/03 | | 08/14/03 | | | |

OFFICIAL RECORD COPY

cc w/encl: N. Peterson, Director, Nuclear Licensing
P. Marquardt, Corporate Legal Department
Compliance Supervisor
R. Whale, Michigan Public Service Commission
L. Brandon, Michigan Department of Environmental Quality
Monroe County, Emergency Management Division
Emergency Management Division
MI Department of State Police
J. Ware, Chairwoman, Wayne County Board
of Commissioners
W. Evans, Wayne County Sheriff
M. Sparks, Director, Wayne County
Emergency Management
The Honorable Richard C. Jones
The Honorable Richard Kuhn
P. Lehr, City Administrator, Gibraltar
L. Roe, Monroe County Board Chairman
T. Crutchfield, Monroe County Sheriff
M. Yudas, Jr., Emergency Management Director
J. Heath, Director, Monroe County
Health Department
The Honorable C. D. Cappuccilli
R. Hamilton, Monroe City Manager
The Honorable Glenn Goodnight
The Honorable Daniel G. Guzzi
G. Manns, Rockwood City Administrator
J. Spas, Frenchtown Charter Township
Supervisor
INPO

ADAMS Distribution:

CAC

DFT

H. Nieh (HKN), OEDO

Project Director, NRR

Project Mgr., NRR

RidsNrrDipmlipb

JLC1

GEG

HBC

RML2

SRI Fermi

DRPIII

DRSIII

PLB1

JRK1

Fermi
Inspection / Activity Plan
09/01/2003 - 09/30/2004

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates Start | Planned Dates End | Inspection Type |
|-------------|--|--|----------------------|---------------------|-------------------|----------------------|
| | IP 71122 - RP RAM PROC/SHIPPING INSPECTION | | 1 | | | |
| 2 | IP 7112202 | Radioactive Material Processing and Transportation | | 09/08/2003 | 09/12/2003 | Baseline Inspections |
| 2 | IP 71151 | Performance Indicator Verification | | 09/08/2003 | 09/12/2003 | Baseline Inspections |
| | PI&R - PROBLEM IDENTIFICATION AND RESOLUTION | | 3 | | | |
| 2 | IP 71152B | Identification and Resolution of Problems | | 09/15/2003 | 10/03/2003 | Baseline Inspections |
| | HT SNK B - HEAT SINK BIENNIAL | | 1 | | | |
| 2 | IP 7111107B | Heat Sink Performance | | 09/22/2003 | 09/26/2003 | Baseline Inspections |
| | 71111.07 - HEAT SINK PERFORMANCE | | 1 | | | |
| 2 | IP 7111107A | Heat Sink Performance | | 10/01/2003 | 12/27/2003 | Baseline Inspections |
| | INSP - EP NON-EXERCISE INSPECTION | | 1 | | | |
| 2 | IP 7111402 | Alert and Notification System Testing | | 10/27/2003 | 10/31/2003 | Baseline Inspections |
| 2 | IP 7111403 | Emergency Response Organization Augmentation Testing | | 10/27/2003 | 10/31/2003 | Baseline Inspections |
| 2 | IP 7111405 | Correction of Emergency Preparedness Weaknesses and Deficiencies | | 10/27/2003 | 10/31/2003 | Baseline Inspections |
| 2 | IP 71151 | Performance Indicator Verification | | 10/27/2003 | 10/31/2003 | Baseline Inspections |
| | IP 71121 - RP ALARA & ACCESS CONTROL | | 1 | | | |
| 2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 11/03/2003 | 11/07/2003 | Baseline Inspections |
| 2 | IP 7112102 | ALARA Planning and Controls | | 11/03/2003 | 11/07/2003 | Baseline Inspections |
| 2 | IP 71151 | Performance Indicator Verification | | 11/03/2003 | 11/07/2003 | Baseline Inspections |
| | 71111.11 - LIC OPERATOR REQUAL PROGRAM EVALUATION | | 2 | | | |
| 2 | IP 7111111B | Licensed Operator Requalification | | 11/17/2003 | 11/21/2003 | Baseline Inspections |
| | MR - MAINTENANCE RULE BIENNIAL (DRS) | | 1 | | | |
| 2 | IP 7111112B | Maintenance Effectiveness | | 01/26/2004 | 01/30/2004 | Baseline Inspections |
| | 71121.03 - RADIOLOGICAL INSTRUMENTATION & EQUIP | | 2 | | | |
| 2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 01/12/2004 | 01/16/2004 | Baseline Inspections |
| 2 | IP 7112103 | Radiation Monitoring Instrumentation and Protective Equipment | | 01/12/2004 | 01/16/2004 | Baseline Inspections |
| 2 | IP 71151 | Performance Indicator Verification | | 01/12/2004 | 01/16/2004 | Baseline Inspections |
| | 71114 - EP EXERCISE & EP PI VERIF | | 3 | | | |
| 2 | IP 7111401 | Exercise Evaluation | | 03/22/2004 | 03/26/2004 | Baseline Inspections |
| 2 | IP 71151 | Performance Indicator Verification | | 03/22/2004 | 03/26/2004 | Baseline Inspections |
| | 71121.02 - ALARA | | 1 | | | |
| 2 | IP 7112102 | ALARA Planning and Controls | | 03/22/2004 | 03/26/2004 | Baseline Inspections |
| 2 | IP 71151 | Performance Indicator Verification | | 03/22/2004 | 03/26/2004 | Baseline Inspections |
| | 71122.03 - REMP AND RAD MTL CONTROL | | 1 | | | |
| 2 | IP 7112203 | Radiological Environmental Monitoring Program | | 06/14/2004 | 06/18/2004 | 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
09/01/2003 - 09/30/2004

| Unit Number | Inspection Activity | Title | No. of Staff on Site | Planned Dates Start | Planned Dates End | Inspection Type |
|-------------|---|--|----------------------|---------------------|-------------------|----------------------|
| | FY 2004 - FERMI INIT PREP 08/2004 | | 3 | | | |
| 2 | W90110 | OL - INITIAL EXAM - FERMI 2 - AUG/SEP 2004 | | 08/23/2004 | 08/27/2004 | Not Applicable |
| | 71121.01 - RADIOLOGICAL ACCESS CONTROL | | 1 | | | |
| 2 | IP 7112101 | Access Control to Radiologically Significant Areas | | 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 | | 09/13/2004 | 09/24/2004 | Not Applicable |