

Joseph H. Plona  
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August 1, 2012  
NRC-12-0052

10 CFR 50.55a

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington D C 20555-0001

Reference: Fermi 2  
NRC Docket No. 50-341  
NRC License No. NPF-43

Subject: Inservice Inspection Summary Report

Enclosed is the Summary Report of the Inservice Inspection (ISI) activities performed at Detroit Edison Company's Fermi 2 Nuclear Power Plant during the 15<sup>th</sup> Refueling Outage in Spring 2012. This report represents a partial summary of the ISI activities for the third Ten-Year Inspection Interval that began on May 2, 2009 and is scheduled for completion on May 1, 2019.

This report is being submitted in accordance with Code Case N532-4 on the Form OAR-1 Owner's Activity Report.

Should you have any questions or require additional information, please contact Mr. Rodney W. Johnson, Manager - Nuclear Licensing, at (734) 586-5076.

Sincerely,

A handwritten signature in black ink that reads "Joseph H. Plona".

Enclosure: Form OAR-1 Owner's Activity Report

cc: NRC Project Manager  
NRC Resident Office  
Reactor Projects Chief, Branch 4, Region III  
Regional Administrator, Region III  
M. Wilson - Authorized Nuclear Inservice Inspector (ANII)  
Supervisor, Electric Operators,  
Michigan Public Service Commission  
W. Vallance - Chief Inspector  
Michigan Department of Labor & Economic Growth  
Bureau of Construction Codes and Fire Safety - Boiler Division

**Enclosure to  
NRC-12-0052**

**Fermi 2 NRC Docket No. 50-341  
Operating License No. NPF-43**

**Form OAR-1 Owner's Activity Report**

# Fermi Nuclear Power Station Form OAR-1 Owner's Activity Report

Report Number RF15 OAR-1

Plant Fermi NPP 6400 North Dixie Hwy, Newport, MI 48166  
(Name and Address of Plant)

Unit No. 2 Commercial Service Date 1/23/1988 Refueling Outage No. 15  
(If applicable)

Current Inspection Interval Third  
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period First  
(1st, 2nd, 3rd)

Edition and Addenda of Section XI applicable to the inspection plans 2001 Edition With 2003 Addenda

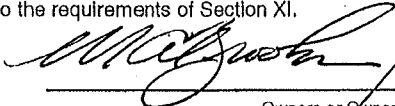
Date and Revision of Inspection plans 10/13/2010, Revision 7

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans \_\_\_\_\_

Code Case used: N-460,532-4,586-1,613-1,639,648-1,685,686-1,702  
(If applicable)

### CERTIFICATE OF CONFORMANCE

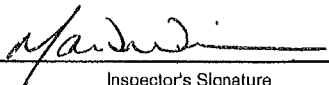
I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of RF-15 conform to the requirements of Section XI. (Refueling Outage Number)

Signed  ISI Program Owner, Date 7/12/2012  
NDE Level III  
Owners or Owner's Designee, Title

### CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Michigan and employed by HSB CT of One State St., Hartford CT have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or loss of any kind arising from or connected with this inspection.

 Commissions NB9486, MI610, A B IN N S  
Inspector's Signature National Board, State, Province, and Endorsements

Date July 19, 2012

## RF15 Owners Activity Report Attachment

TABLE 1  
ITEMS WITH FLAWS OR RELEVANT CONDITIONS THAT REQUIRED  
EVALUATION FOR CONTINUED SERVICE

Examination Category and Item Number	Item Description	Evaluation Description
F-A, F1.10C	Spring Can load setting was found outside of the procedural required 5% tolerance	ISI Evaluation 12-011 determined that the condition had likely existed since installation and there was no apparent degradation mechanism that caused the setting to change. Plant Support Engineering performed a Technical Evaluation TE-B21-12-042 that concluded the as-found setting is acceptable without adjustment.

TABLE 2  
 ABSTRACT OF REPAIR/REPLACEMENT ACTIVITIES REQUIRED FOR CONTINUED SERVICE

Code Class	Item Description	Description Of Work	Date Completed	Repair/Replacement Plan Number
3	Mk-R30-N-2182-7	Replaced elbow on spool piece MK-R30-N-2182-7 for reduced wall thickness due to under deposit pitting corrosion (reference Technical Evaluation TE-R30-10-093). Additionally piping replacements were initiated for susceptible piping and channel heads on all 4 diesel generators.	4/2012	11-016C