

Keith J. Polson  
Site Vice President

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July 17, 2017  
NRC-17-0047

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 DTE Electric Company's (DTE) Fermi 2 Nuclear Power Plant during the 18<sup>th</sup> Refueling Outage in spring 2017. 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 N-532-4 on the Form OAR, Owner's Activity Report.

Should you have any questions or require additional information, please contact Mr. Scott A. Maglio of my staff at (734) 586-5076.

Sincerely,

Keith J. Polson  
Site Vice President

Enclosure: Form OAR-1 Owner's Activity Report

cc: NRC Project Manager  
NRC Resident Office  
Reactor Projects Chief, Branch 5, Region III  
Regional Administrator, Region III  
M. Wilson - Authorized Nuclear Inservice Inspector (ANII)  
Michigan Public Service Commission  
Regulated Energy Division (asselind1@michigan.gov)  
M. Moore - Chief Inspector  
Michigan Department of Labor & Economic Growth  
Bureau of Construction Codes and Fire Safety - Boiler Division

**Enclosure to  
NRC-17-0047**

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

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

# Fermi 2 Nuclear Power Plant Form OAR-1 Owner's Activity Report

Report Number RF-18 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. 18  
(if applicable)

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

Current Inspection Period 3rd  
(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 11/12/2015, Revision 10

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

Code Case used: N-460, N-532-4, N-586-1, N-613-1, N-639, N-685, N-702, N-716-1  
(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-18 conform to the requirements of Section XI.  
(Refueling Outage Number)

Signed Marc A. Brooks / *mabrooks* Date June 30, 2017  
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 The HSB I&I Co. 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.

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

Date July 6, 2017

## RF18 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
	None Required	

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

Code Class	Item Description	Description Of Work	Date Completed	Repair/Replacement Plan Number
1	ASME Class 1 Integral Attachment Weld on Main Steam Line A	Grinding repair to remove linear indication discovered by scheduled MT exam	5/24/2017	17-013 WO 47414895