

J. Todd Conner
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DTE Energy



10 CFR 50.55a

July 2, 2014
NRC-14-0024

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 16th Refueling Outage in Spring 2014. 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. Zackary W. Rad of my staff at (734) 586-5076.

Sincerely,



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 (kindschl@michigan.gov)
M. Moore - Chief Inspector
Michigan Department of Labor & Economic Growth
Bureau of Construction Codes and Fire Safety - Boiler Division

**Enclosure to
NRC-14-0024**

**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 RF-16 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. 16
(if applicable)

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

Current Inspection Period Second
(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 10/10/2013, Revision 8

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, 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-16 conform to the requirements of Section XI. (Refueling Outage Number)

Signed Marc A. Brooks HSB Program Owner Date 6/4/2014
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.

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

Date JUNE 11, 2014

RF16 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		

RF16 Owners Activity Report Attachment

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

Code Class	Item Description	Description Of Work	Date Completed (Report Signed Off by ANII Inspector)	Repair/ Replacement Plan Number
1	Feedwater Piping Integral Attachment Weld in the Drywell SW-N21-2336-20WE	Grinding removal of linear indication associated with an original construction arc strike (CARD 14-21286)	5/21/2014	Plan 14- 012 and Work Order 37909435
3	Residual Heat Removal Service Water Division 2 Piping in the Torus Room MK-E11-3184-21	Temporary overlay repair of service water leak (CARD 14-20240) using ASME Code Case N661-1	2/19/2014	Plan 14-001 and Work Order 37904983
3	Residual Heat Removal Service Water Division 2 Piping in the Torus Room MK-E11-3184-21	Replaced elbow on spool piece MK-E11-3184-21 due to a service water leak (CARD 14-20240) following temporary overlay repair using ASME Code Case N661-1 accomplished under Section XI Replacement Plan 14-001	5/12/2014	Plan 14-003 and Work Order 37904983