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DTE Energy



10 CFR 50.55a

February 23, 2011
NRC-11-0006

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

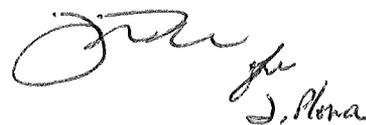
Subject: Inservice Inspection Summary Report

Enclosed is the Summary Report of the 2010 Inservice Inspection (ISI) activities performed at Detroit Edison Company's Fermi 2 Nuclear Power Plant during Refueling Outage 14. This report represents a summary of the ISI activities for the Third Ten-Year Inspection Interval beginning May 2, 2009 with a scheduled completion date of May 1, 2019.

This report is being submitted in accordance with code case N532-4 on the 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,



J. Plona

Enclosure

cc: NRC Project Manager
NRC Resident Office
Reactor Projects Chief, Branch 4, Region III
Regional Administrator, Region III
M. Wilson - 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

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

Report Number	<u>RF14 OAR-1</u>		
Owner	<u>Detroit Edison Co. One Energy Plaza, Detroit, MI</u> (Name and Address of Owner)		
Plant	<u>Fermi NPP 6400 N. Dixie Hwy, Newport, MI 48166</u> (Name and Address of Plant)		
Unit No. <u>2</u> (if applicable)	Commercial service date <u>1/23/1988</u>	Refueling outage no. <u>14</u>	
Current Inspection Interval	<u>3rd</u> (1st, 2nd, 3rd, 4th, other)		
Current Inspection Period	<u>1st</u> (1st, 2nd, 3rd)		
Edition and Addenda of Section XI applicable to the inspection plan	<u>2001 Edition With 2003 Addenda</u>		
Date and Revision of inspection plan	<u>10/13/2010, Revision 7</u>		
Edition and Addenda of Section XI applicable to repairs and replacements, if different than the inspection plan	<u>N/A</u>		

CERTIFICATE OF CONFORMANCE

I certify that the statements made in the Owner's Activity Report are correct, and that the examinations, tests, repairs, replacements, evaluations, and corrective measures represented by this report conform to the requirements of Section XI.

Certificate of Authorization No. N/A (If applicable) Expiration Date N/A

Signed  ISI Program Owner/NDE Level III Date 2/9/2011
Owner 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 Report, during the period 5/2/2009 to 12/5/2010 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 examinations, tests, repairs, replacements, evaluations and corrective measures 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 the connection with this inspection.

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

Date 2/10/2011

RF14 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
C-H, Item No. C7.10	T4700B011 – Drywell Cooler #11 Cooling Coils	Drywell Cooler T4700B011 Cooling Coils failed during plant operation as a result of fatigue failure of multiple tubes, due to severe vibration resulting from the cooling fan and motor vibrations. The cooling water supply and return valves were isolated, terminating the leak Reference CARD 09-24049.
D-B, Item No. D2.10	MK-R30-N-2182-7 – Emergency Diesel Generator #13 Service water piping	<p>Pipe corrosion was identified on a EDG13 service water outlet pipe elbow on spool MK-R30-N-2182-7. EFA-R30-10-001 accepted this condition until replacement could be performed in RF14. Piping was operable but degraded.</p> <p>Another spot on the adjacent elbow of the same spool piece was found pitted and CARD 10-29822 was submitted and the condition evaluated for acceptance in Technical Evaluation TE-R30-10-093.</p>

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

Code Class	Item Description	Description Of Work	Date Completed	Repair/Replacement Plan Number
2	T4700B011	Installed new system isolation valves on supply and return piping and removed piping to Drywell Cooler #11 (T4700B011) to prepare for future replacement. The fan and motor were also replaced and Drywell Cooler #11 is only being used for air circulation during cycle 15.	11/2010	10-014
3	Mk-R30-N-2182-7	Replaced one elbow on spool piece MK-R30-N-2182-7 for reduced wall thickness due to under deposit pitting corrosion. Also reference Technical Evaluation TE-R30-10-093.	11/2010	10-005

*Code Case N-532-4 Supplemental Information