



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

March 19, 2015

Mr. Vito Kaminskas
Site Vice President - Nuclear Generation
DTE Electric Company
Fermi 2 - 280 OBA
6400 North Dixie Highway
Newport, MI 48166

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION FOR THE REVIEW OF THE
FERMI 2 LICENSE RENEWAL APPLICATION – SET 25 (TAC NO. MF4222)

Dear Mr. Kaminskas:

By letter dated April 24, 2014, DTE Electric Company (DTE or the applicant) submitted an application pursuant to Title 10 of the *Code of Federal Regulations* Part 54, to renew the operating license NPF-43 for Fermi 2, for review by the U.S. Nuclear Regulatory Commission (NRC or the staff). The staff is reviewing the information contained in the license renewal application and has identified, in the enclosure, areas where additional information is needed to complete the review.

This request for additional information was discussed with Ms. Lynne Goodman, and a mutually agreeable date for the response is within 30 days from the date of this letter. If you have any questions, please contact me at 301-415-3301 or e-mail Daneira.Melendez-Colon@nrc.gov.

Sincerely,

/RA/

Daneira Meléndez-Colón, Project Manager
Projects Branch 1
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-341

Enclosure:
Request for Additional Information

cc w/encl: ListServ

Mr. Vito Kaminskas
Site Vice President - Nuclear Generation
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DISTRIBUTION: See next page

ADAMS Accession No.: ML15072A081

*** Michael Marshall for**

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DATE	3/16/15	3/19/15	3/20/15	3/20/15	3/20/15

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FERMI 2, LICENSE RENEWAL APPLICATION – SET 25 (TAC NO. MF4222)

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**FERMI 2
LICENSE RENEWAL APPLICATION
REQUEST FOR ADDITIONAL INFORMATION SET 25
(TAC NO. MF4222)**

RAI B.1.16-2a

Background:

The response to request for additional information (RAI) B.1.16-2, dated January 28, 2015, states that the External Surfaces Monitoring Program will be revised to inspect insulated components to ensure that moisture intrusion has not degraded the insulation when the insulation is required to reduce heat transfer. Commitment No. 11h and Enhancement No. 8 were added to revise the program procedures to include instructions for the inspection of both jacketed and non-jacketed insulation for insulation degradation due to moisture intrusion.

Generic Aging Lessons Learned (GALL) Report Aging Management Program (AMP) XI.M36, as revised by License Renewal Interim Staff Guidance (LR-ISG)-2012-02, "Aging Management of Internal Surfaces, Fire Water Systems, Atmospheric Storage Tanks, and Corrosion Under Insulation," provides guidance on the inspection of jacketed insulation to manage reduced heat transfer. The "detection of aging effects" program element states that if configuration features, such as minimum overlap and seam locations, associated with jacketed insulation are not applicable that an alternative inspection methodology should be proposed to address reduced thermal insulation resistance.

Issue:

The staff lacks the information necessary to evaluate the aging management of reduced thermal insulation resistance of non-jacketed insulation. The External Surfaces Monitoring Program does not include an inspection methodology or frequency to detect reduced thermal insulation resistance due to moisture intrusion for non-jacketed insulation.

Request:

Provide the inspection methodology and frequency used to manage reduced thermal insulation resistance for non-jacketed insulation. State the basis for the inspection methodology and frequency.