



10 CFR 52.79

December 13, 2013
NRC3-13-0036

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

- References:
- 1) Fermi 3
Docket No. 52-033
 - 2) Memorandum from Tekia Govan (USNRC) to Ronaldo V. Jenkins (USNRC),
"November 18, 2013, Audit Plan to Review Soil Structure Interaction
Calculations Related to the Final Safety Analysis Section 3.7 and 3.8."

Subject: DTE Electric Company Submittal of Responses to NRC SSI Audit Action Items
and Supplemental Responses to NRC RAI Letter 70 and Letter 79.

In Reference 2, the USNRC Staff provided the plan for conducting an audit of the DTE Electric Company site-specific Soil Structure Interaction analyses in support of the Fermi 3 Combined License (COL) application. The audit was conducted the week of November 18, 2013. During the audit exit meeting conducted on November 21, 2013, the NRC identified several action items requiring additional information to be provided to the NRC. The responses to these action items are provided in Attachments 1 through 13 of this letter.

Supplemental Response to NRC RAI 03.07.02-9 contained in NRC RAI Letter 70, and Supplemental Response to NRC RAI 03.08.05-3 contained in NRC RAI Letter 79, are provided in Attachments 15 and 16, respectively. Attachment 15 is associated with Action Items 3.7-24 and 3.7-25 (Attachments 8 and 9). Attachment 16 is associated with Action Item 3.7-28 (Attachment 10).

Revisions to Sargent & Lundy Reports associated with the Fermi 3 Soil Structure Interaction analysis are provided in Attachments 17 and 18. These two reports are associated with Action Items 3.7-22(Attachment 6), 3.7-28 (Attachment 10), and 3.7-29 (Attachment 11).

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Attachment 14 contains a CD with data files requested by the NRC staff. The file format and names on the CD do not comply with the requirements for electronic submission in the NRC Guidance Document, "Guidance for Electronic Submission to the NRC," Revision 6, dated May 17, 2010; the files are not "pdf" formatted. The NRC staff requested the files be submitted in their native formats required by the software in which they are utilized in order to support NRC review of the Fermi 3 COLA.

Please note that several of the attachments contain FSAR markups. The FSAR markups were made to Draft Revision 6 of the Fermi 3 FSAR. Draft Revision 6 of the FSAR incorporates the proposed FSAR changes submitted in DTE Electric correspondence since the submittal of Revision 5 in February 2013 until the NRC audit in November 2013. Thus, in order to facilitate review, the markups represent proposed FSAR changes since the conclusion of the NRC audit. The proposed changes will be included in Revision 6 of the Fermi 3 FSAR scheduled to be submitted in February 2014.

If you have any questions, or need additional information, please contact me at (313) 235-3341.

I state under penalty of perjury that the foregoing is true and correct. Executed on the 13th day of December 2013.

Sincerely,



Peter W. Smith, Director
Nuclear Development – Licensing and Engineering
DTE Electric Company

- Attachment:
- 1) Response to Action Item 3.7-12
 - 2) Response to Action Item 3.7-13
 - 3) Response to Action Item 3.7-14
 - 4) Response to Action Item 3.7-20
 - 5) Response to Action Item 3.7-21
 - 6) Response to Action Item 3.7-22
 - 7) Response to Action Item 3.7-23
 - 8) Response to Action Item 3.7-24
 - 9) Response to Action Item 3.7-25
 - 10) Response to Action Item 3.7-28
 - 11) Response to Action Item 3.7-29
 - 12) Response to Action Item 3.7-30
 - 13) Response to Action Item 3.7-31
 - 14) One CD Containing Requested Electronic Files
 - 15) Supplemental Response to RAI Letter 79 (RAI 03.07.02-9)
 - 16) Supplemental Response to RAI Letter 70 (RAI 03.08.05-3)
 - 17) Sargent & Lundy Report SL-011956, Rev 1
 - 18) Sargent & Lundy Report SL-012018, Rev 1

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cc: Adrian Muniz, NRC Fermi 3 Project Manager (w/o attachments)
Tekia Govan, NRC Fermi 3 Project Manager (w/ 2 copies of attachments)
John Klos, NRC Fermi 3 Project Manager (w/o attachments)
Bruce Olson, NRC Fermi 3 Environmental Project Manager (w/o attachment)
Fermi 2 Resident Inspector (w/o attachment)
NRC Region III Regional Administrator (w/o attachment)
NRC Region II Regional Administrator (w/o attachment)
Supervisor, Electric Operators, Michigan Public Service Commission (w/o attachment)
Michigan Department of Natural Resources and Environment
Radiological Protection Section (w/o attachment)