

**DTE Energy**



10 CFR 52.79

September 12, 2013  
NRC3-13-0032

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

- References:
- 1) Fermi 3  
Docket No. 52-033
  - 2) Letter from Peter W. Smith (Detroit Edison) to USNRC, "Detroit Edison Company Interim Response to NRC Request for Additional Information Letter Nos. 77 and 79," NRC3-12-0033, dated December 14, 2012

Subject: DTE Electric Company Submittal of Final Results to the SSI Analyses Report and Response to NRC Request for Additional Information Letter No. 70 and Letter No. 79

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In Reference 2, DTE Electric Company provided a series of schedule milestones related to the site-specific soil-structure interaction (SSI) analyses that are being performed to support the response to Request for Additional Information (RAI) Letter No. 79. DTE Electric previously committed to submit the final SSI analyses and associated RAI responses by September 30, 2013. This letter represents our final submittal addressing RAI Letter No. 79.

Specifically, Attachment 1 provides the response to Question No. 03.07.02-9 of NRC RAI Letter No. 79 based on the site-specific SSI analyses. In addition, Attachments 2 through 7 provide supplemental responses to RAIs 03.07.02-6, 03.07.02-7, 03.07.02-8, 03.08.05-2, 03.08.05-3, and 03.08.05-4 of NRC RAI Letter No. 70 based on revised information from completion of the site-specific SSI analyses. Attachment 8 provides the Sargent & Lundy Report SL-012018, entitled, "Evaluation of Reactor Building/Fuel Building and Control Building Bearing Capacity Stability and Wall Pressures Summary Report," Revision 0." Attachment 9 provides COLA markups that are impacted by completion of the site-specific SSI analyses.

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NRC

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 12<sup>th</sup> day of September 2013.

Sincerely,



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

- Attachment:
- 1) Response to RAI Letter No. 79 (Question No. 03.07.02-9)
  - 2) Response to RAI Letter No. 70 (Question No. 03.07.02-6)
  - 3) Response to RAI Letter No. 70 (Question No. 03.07.02-7)
  - 4) Response to RAI Letter No. 70 (Question No. 03.07.02-8)
  - 5) Response to RAI Letter No. 70 (Question No. 03.08.05-2)
  - 6) Response to RAI Letter No. 70 (Question No. 03.08.05-3)
  - 7) Response to RAI Letter No. 70 (Question No. 03.08.05-4)
  - 8) Sargent & Lundy Report SL-012018, "Evaluation of Reactor Building/Fuel Building and Control Building Dynamic Bearing Capacity, Foundation Stability, and Wall Seismic Soil Pressures Summary Report," Revision 0, dated September 11, 2013
  - 9) Markup of Fermi 3 COLA

cc: Adrian Muniz, NRC Fermi 3 Project Manager  
Tekia Govan, NRC Fermi 3 Project Manager  
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)