



10 CFR 52.79

February 11, 2010  
NRC3-10-0006

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

- References:
- 1) Fermi 3 Docket No. 52-033
  - 2) Letter from Ilka T. Berrios (USNRC) to Jack M. Davis (Detroit Edison),  
"Request for Additional Information Letter No. 16 related to the SRP Sections  
2.5.1, 2.5.2, 2.5.3, 2.5.4, and 2.5.5 for the Fermi 3 Combined License  
Application" dated November 13, 2009
  - 3) Letter from Ilka T. Berrios (USNRC) to Jack M. Davis (Detroit Edison),  
"Request for Additional Information Letter No. 17 related to the SRP Sections  
2.5.1, 2.5.2, and 2.5.4 for the Fermi 3 Combined License Application" dated  
November 24, 2009
  - 4) "Detroit Edison Company Response to NRC Request for Additional  
Information Letter No. 16, Part I" dated December 23, 2009
  - 5) Letter from Ilka T. Berrios (USNRC) to Jack M. Davis (Detroit Edison),  
"Request for Additional Information Letter No. 22 related to the SRP Sections  
2.5.1, 2.5.2, and 2.5.4 for the Fermi 3 Combined License Application" dated  
January 11, 2010
  - 6) "Detroit Edison Company Response to NRC Request for Additional  
Information Letter No. 16, Part II" dated January 11, 2010

Subject: Detroit Edison Company Response to NRC Requests for Additional (RAI)  
Information Letter Nos. 16, 17, and 22

In Reference 2, the NRC requested additional information to support the review of certain portions of the Fermi 3 Combined License Application (COLA). Reference 2 requested responses to specified RAIs within 45, 60, 90 days. References 4 and 6 provided Detroit Edison's 45 and 60 day responses. In Reference 6, Detroit Edison deferred responses to four RAIs (02.05.04-19, 02.05.04-20, 02.05.04-27 and 02.05.05-1) to 90 days.

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In addition, this letter includes Detroit Edison's responses to the RAIs contained in NRC RAI Letter No. 17 and 22 (References 3 and 5).

This letter provides Detroit Edison's 60 day responses to the four responses deferred by Reference 6. It also provides Detroit Edison's 90 day responses to the remaining RAIs from Reference 2 with exception of six RAIs, whose technical work has been completed but not yet validated. The deferred RAI numbers are: 02.05.02-1, 02.05.02-3, 02.05.02-4, 02.05.02-8, 02.05.04-27 and 02.05.04-28. The validated responses will be provided in a letter dated February 15, 2010.

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 11<sup>th</sup> day of February 2010.

Sincerely,



Peter W. Smith, Director  
Nuclear Development – Licensing  
and Engineering  
Detroit Edison Company

- Attachments:
- 1) Response to RAI Letter No. 16 (Question No. 02.05.01-3)
  - 2) Response to RAI Letter No. 16 (Question No. 02.05.01-4)
  - 3) Response to RAI Letter No. 16 (Question No. 02.05.01-6)
  - 4) Response to RAI Letter No. 16 (Question No. 02.05.01-7)
  - 5) Response to RAI Letter No. 16 (Question No. 02.05.01-9)
  - 6) Response to RAI Letter No. 16 (Question No. 02.05.01-10)
  - 7) Response to RAI Letter No. 16 (Question No. 02.05.01-11)
  - 8) Response to RAI Letter No. 16 (Question No. 02.05.01-12)
  - 9) Response to RAI Letter No. 16 (Question No. 02.05.01-13)
  - 10) Response to RAI Letter No. 16 (Question No. 02.05.01-14)
  - 11) Response to RAI Letter No. 16 (Question No. 02.05.01-16)
  - 12) Response to RAI Letter No. 16 (Question No. 02.05.01-17)
  - 13) Response to RAI Letter No. 16 (Question No. 02.05.01-18)
  - 14) Response to RAI Letter No. 16 (Question No. 02.05.01-21)
  - 15) Response to RAI Letter No. 16 (Question No. 02.05.01-24)

- 16) Response to RAI Letter No. 16 (Question No. 02.05.01-28)
- 17) Response to RAI Letter No. 17 (Question No. 02.05.01-29)
- 18) Response to RAI Letter No. 17 (Question No. 02.05.01-30)
- 19) Response to RAI Letter No. 16 (Question No. 02.05.02-2)
- 20) Response to RAI Letter No. 17 (Question No. 02.05.02-9)
- 21) Response to RAI Letter No. 22 (Question No. 02.05.02-10)
- 22) Response to RAI Letter No. 16 (Question No. 02.05.03-3)
- 23) Response to RAI Letter No. 16 (Question No. 02.05.03-4)
- 24) Response to RAI Letter No. 16 (Question No. 02.05.03-5)
- 25) Response to RAI Letter No. 16 (Question No. 02.05.03-6)
- 26) Response to RAI Letter No. 16 (Question No. 02.05.03-7)
- 27) Response to RAI Letter No. 16 (Question No. 02.05.04-13)
- 28) Response to RAI Letter No. 16 (Question No. 02.05.04-19)
- 29) Response to RAI Letter No. 16 (Question No. 02.05.04-20)
- 30) Response to RAI Letter No. 16 (Question No. 02.05.05-1)

cc: Chandu Patel, NRC Fermi 3 Project Manager (w/o attachments)  
Jerry Hale, NRC Fermi 3 Project Manager (w/o attachments)  
Ilka T. Berrios, NRC Fermi 3 Project Manager (w/o attachments)  
Fermi 2 Resident Inspector (w/o attachments)  
NRC Region III Regional Administrator (w/o attachments)  
NRC Region II Regional Administrator (w/o attachments)  
Supervisor, Electric Operators, Michigan Public Service Commission  
(w/o attachments)  
Michigan Department of Environmental Quality  
Radiological Protection and Medical Waste Section (w/o attachments)