

**SECURITY – RELATED INFORMATION
WITHHOLD UNDER 10 CFR 2.390**

The Detroit Edison Company
One Energy Plaza, Detroit, MI 48226-1279



10 CFR 50.54(hh)(2)
10 CFR 52.3
10 CFR 52.80(d)

November 8, 2010
NRC3-10-0053

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

References: 1) Fermi 3
Docket No. 52-033
2) Letter from Jerry Hale (USNRC) to Jack M. Davis (Detroit Edison), "Request for Additional Information Letter No. 43 Related to the SRP Section 19.3 for the Fermi 3 Combined License Application," dated October 7, 2010

Subject: Detroit Edison Company Response to NRC Request for Additional Information
Letter No. 43

In the referenced letter, the NRC requested additional information to support the review of certain portions of the Fermi 3 Combined License Application (COLA). The responses to the following Requests for Additional Information (RAIs) are provided as Attachments 1 through 35 of this letter.

Attachment 36 contains a complete revision of the Fermi 3 Loss of Large Areas of the Plant Due to Explosions or Fire Mitigative Strategies Description and Plans (the LOLA Plan), which incorporates the described changes from each RAI Response. Changes to the LOLA Plan are identified by shaded text. The LOLA Plan will be incorporated into the next COLA submission.

Detroit Edison requests that Enclosures 1 through 36, which contain Security-Related Information, be withheld from public disclosure in accordance with 10 CFR 2.390.

**THE ENCLOSURES TO THIS LETTER CONTAIN SECURITY – RELATED INFORMATION AND
MUST BE PROTECTED ACCORDINGLY. UPON SEPARATION OF THE ENCLOSURES, THIS
LETTER IS DECONTROLLED.**

SECURITY – RELATED INFORMATION – WITHHOLD UNDER 10 CFR 2.390

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USNRC
NRC3-10-0053
Page 2

**SECURITY – RELATED INFORMATION
WITHHOLD UNDER 10 CFR 2.390**

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 8th day of November 2010.

Sincerely,



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

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- Attachments:
- 1) Response to RAI Letter No. 43 (Question No. 19.03-1)
 - 2) Response to RAI Letter No. 43 (Question No. 19.03-2)
 - 3) Response to RAI Letter No. 43 (Question No. 19.03-3)
 - 4) Response to RAI Letter No. 43 (Question No. 19.03-4)
 - 5) Response to RAI Letter No. 43 (Question No. 19.03-5)
 - 6) Response to RAI Letter No. 43 (Question No. 19.03-6)
 - 7) Response to RAI Letter No. 43 (Question No. 19.03-7)
 - 8) Response to RAI Letter No. 43 (Question No. 19.03-8)
 - 9) Response to RAI Letter No. 43 (Question No. 19.03-9)
 - 10) Response to RAI Letter No. 43 (Question No. 19.03-10)
 - 11) Response to RAI Letter No. 43 (Question No. 19.03-11)
 - 12) Response to RAI Letter No. 43 (Question No. 19.03-12)
 - 13) Response to RAI Letter No. 43 (Question No. 19.03-13)
 - 14) Response to RAI Letter No. 43 (Question No. 19.03-14)
 - 15) Response to RAI Letter No. 43 (Question No. 19.03-15)
 - 16) Response to RAI Letter No. 43 (Question No. 19.03-16)
 - 17) Response to RAI Letter No. 43 (Question No. 19.03-17)
 - 18) Response to RAI Letter No. 43 (Question No. 19.03-18)
 - 19) Response to RAI Letter No. 43 (Question No. 19.03-19)
 - 20) Response to RAI Letter No. 43 (Question No. 19.03-20)
 - 21) Response to RAI Letter No. 43 (Question No. 19.03-21)
 - 22) Response to RAI Letter No. 43 (Question No. 19.03-22)
 - 23) Response to RAI Letter No. 43 (Question No. 19.03-23)
 - 24) Response to RAI Letter No. 43 (Question No. 19.03-24)
 - 25) Response to RAI Letter No. 43 (Question No. 19.03-25)
 - 26) Response to RAI Letter No. 43 (Question No. 19.03-26)
 - 27) Response to RAI Letter No. 43 (Question No. 19.03-27)
 - 28) Response to RAI Letter No. 43 (Question No. 19.03-28)
 - 29) Response to RAI Letter No. 43 (Question No. 19.03-29)
 - 30) Response to RAI Letter No. 43 (Question No. 19.03-30)
 - 31) Response to RAI Letter No. 43 (Question No. 19.03-31)
 - 32) Response to RAI Letter No. 43 (Question No. 19.03-32)
 - 33) Response to RAI Letter No. 43 (Question No. 19.03-33)
 - 34) Response to RAI Letter No. 43 (Question No. 19.03-34)
 - 35) Response to RAI Letter No. 43 (Question No. 19.03-35)
 - 36) Fermi 3 LOLA Plan, Revision 1

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USNRC
NRC3-10-0053
Page 4

**SECURITY – RELATED INFORMATION
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cc: Adrian Muniz, NRC Fermi 3 Project Manager (w/o Attachments)
Jerry Hale, NRC Fermi 3 Project Manager
Bruce Olson, NRC Fermi 3 Environmental Project Manager (w/o Attachments)
Fermi 2 Resident Inspector (w/o Attachments)
NRC Region III Regional Administrator
NRC Region II Regional Administrator
Supervisor, Electric Operators, Michigan Public Service Commission (w/o Attachments)
Michigan Dept. of Natural Resources & Environment
Radiological Protection Section (w/o Attachments)

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