

## PMFermiCOLPEm Resource

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**From:** Lemont, Stephen  
**Sent:** Wednesday, September 02, 2009 8:14 AM  
**To:** Lee, Jay; Fuller, Edward  
**Cc:** Harvey, Brad; FermiCOL Resource  
**Subject:** FW: FERMI 3 ENVIRONMENTAL REVIEW ANNOUNCEMENT #6: Review of Detroit Edison (DTE) August 25, 2009 RAI Response  
**Attachments:** Cover Letter & Appendices 082509.pdf  
**Importance:** High

Jay and Ed,

Based on recent correspondence between Brad Harvey and Jay regarding X/Q values, I thought you might want to see Detroit Edison's latest RAI response submittal related to this information. I didn't send this to you before because there were no responses to Accident RAIs in this submittal. Brad's X/Q discussion relates to Air Quality RAI AQ2.7-5. Please see my email below for instructions on accessing the RAI responses.

If you have any questions or need additional information, please let me know.

Thanks,  
Steve

*Stephen Lemont, Ph.D.*

Environmental Project Manager  
United States Nuclear Regulatory Commission  
Office of New Reactors  
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Washington, DC 20555-0001  
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**From:** Lemont, Stephen  
**Sent:** Monday, August 31, 2009 3:20 PM  
**To:** Lemont, Stephen; Masnik, Michael; Harvey, Brad; Fringer, John; Emch, Richard; Hinson, Charles; Dehmel, Jean-Claude; Caverly, Jill; McBride, Mark; Doub, Peyton  
**Cc:** Whited, Ryan; 'Luff, Colette M LRE'; Tonacci, Mark; Hale, Jerry; 'Kirk LaGory'; 'John Hayse'; 'Mohsen Khatib-Rahbar'; 'Roy Karimi'; FermiCOL Resource  
**Subject:** FERMI 3 ENVIRONMENTAL REVIEW ANNOUNCEMENT #6: Review of Detroit Edison (DTE) August 25, 2009 RAI Response  
**Importance:** High

### **TO FERMI 3 ENVIRONMENTAL REVIEW TEAM MEMBERS:**

We have received DTE's third RAI response submittal, dated August 25, 2009, addressing NRC RAIs sent on 5/12/2009 (ML091320341). DTE's transmittal letter (attached) identifies the 9 of 157 RAIs to which responses are provided and presents an updated schedule for future RAI responses. **DTE's response is not yet in ADAMS and is to be considered nonpublic until further notice.**

All the files (including all of those from DTE's previous two RAI response submittals) have been uploaded to EARRTH. I have CD's containing all the files if you can't access EARRTH. The files in the August 25 response are listed at the end of this email.

The Argonne/ERI team is reviewing the 9 responses for acceptability and the future response schedule to identify any concerns. I request that you please do the same, and **get back to me by Wednesday, September 9, 2009**, with any comments or other matters to be brought to DTE's attention. Your contractor counterparts may be contacting you about this. Please use **TAC# RE9872** for this work. We are having periodic discussions with DTE on RAI issues as needed.

Thanks,  
Steve

*Stephen Lemont, Ph.D.*

Environmental Project Manager  
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**August 25, 2009 RAI Responses Uploaded to EARRTH**

RAI Question AE5.2.2-1.pdf  
RAI Question AL9.3-1.pdf  
RAI Question AQ2.7-5.pdf  
RAI Question AQ3.6.3-1.pdf  
RAI Question CR4.1.3-3.pdf  
RAI Question CR4.1.3-9.pdf  
RAI Question HH3.6.3-1.pdf  
RAI Question HY2.3.1-10.pdf  
RAI Question TE2.4.1-1.pdf

**Hearing Identifier:** Fermi\_COL\_Public  
**Email Number:** 510

**Mail Envelope Properties** (1FA53ADF29758448974A8AC1118E627EB5B929F019)

**Subject:** FW: FERMI 3 ENVIRONMENTAL REVIEW ANNOUNCEMENT #6: Review of  
Detroit Edison (DTE) August 25, 2009 RAI Response  
**Sent Date:** 9/2/2009 8:14:14 AM  
**Received Date:** 9/2/2009 8:14:15 AM  
**From:** Lemont, Stephen

**Created By:** Stephen.Lemont@nrc.gov

**Recipients:**

"Harvey, Brad" <Brad.Harvey@nrc.gov>  
Tracking Status: None  
"FermiCOL Resource" <FermiCOL.Resource@nrc.gov>  
Tracking Status: None  
"Lee, Jay" <Jay.Lee@nrc.gov>  
Tracking Status: None  
"Fuller, Edward" <Edward.Fuller@nrc.gov>  
Tracking Status: None

**Post Office:** HQCLSTR01.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	3200	9/2/2009 8:14:15 AM
Cover Letter & Appendices 082509.pdf		287608

**Options**

**Priority:** High  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**



10 CFR 51.45  
10 CFR 52.77

August 25, 2009  
NRC3-09-0013

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

- References:
- 1) Fermi 3  
Docket No.: 52-033
  - 2) Letter from Stephen Lemont (USNRC) to Peter W. Smith (Detroit Edison), "Requests for Additional Information Related to the Environmental Review for the Combined License Application for Fermi Nuclear Power Plant, Unit 3," dated May 12, 2009
  - 3) Letter from Peter W. Smith (Detroit Edison) to USNRC, "Detroit Edison Company Response to NRC Requests for Additional Information Related to the Environmental Review," NRC3-09-0012 dated July 31, 2009

Subject: Detroit Edison Company Response to NRC Requests for Additional Information Related to the Environmental Review

In Reference 2, the NRC requested additional information to support the review of Part 3 (Environmental Report) of the Fermi 3 Combined License Application (COLA).

Through July 31, 2009, Detroit Edison has submitted responses to 61 of the 157 Requests for Additional Information (RAIs) which were provided in Reference 2. In Reference 3, Detroit Edison committed to responding to 9 of the remaining 96 RAIs in this response. This letter provides the 9 RAI responses that Detroit Edison committed to in Reference 3. Appendix A identifies each of the 9 RAI responses contained in this letter as well as the corresponding attachment number.

Detroit Edison previously submitted a detailed schedule (Reference 3) for responding to the remaining RAIs; this schedule remains unchanged. Appendix B identifies the

RAI responses that will be included in each monthly response letter. Detroit Edison intends to respond to all the remaining RAIs by December 30<sup>th</sup>, 2009.

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 25<sup>th</sup> day of August, 2009.

Sincerely,



Peter W. Smith, Director  
Nuclear Development - Licensing  
Detroit Edison Company

Appendices: Appendix A – List of RAI Responses Contained in this Letter  
Appendix B – List of Future RAI Response Dates

Attachments: As listed in Appendix A

cc: Jack M. Davis, Senior Vice President and Chief Nuclear Officer (w/o attachments)  
Mark Tonacci, NRC Fermi 3 Project Manager (w/o attachments)  
Stephen Lemont, NRC Fermi 3 Environmental 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)

**Appendix A**  
**NRC3-09-0013**

**List of RAI Responses Contained in this Letter**

**List of RAI Responses Contained in this Letter**

<b>RAI Question</b>	<b>Subject</b>	<b>Attachment Number</b>
AE5.2.2-1	Aquatic Ecology	1
AL9.3-1	Alternative Sites	2
AQ2.7-5	Air Quality and Meteorology	3
AQ3.6.3-1	Air Quality and Meteorology	4
CR4.1.3-3	Cultural Resources	5
CR4.1.3-9	Cultural Resources	6
HH3.6.3-1	Human Health	7
HY2.3.1-10	Hydrology	8
TE2.4.1-1	Terrestrial Ecology	9

**Appendix B**  
**NRC3-09-0013**

**List of Future RAI Response Dates**



**List of Future RAI Response Dates**

<b>Response Date</b>	<b>RAI Question</b>	<b>Subject</b>
9/30/2009	AC7.1-1	Accidents
	AC7.2-1	Accidents
	AC7.2-2	Accidents
	AQ2.7-2 (moved from July)	Air Quality and Meteorology
	AQ2.7-4	Air Quality and Meteorology
	CR4.1.3-7	Cultural Resources
	FC5.7-2	Fuel Cycle
	HH5.4.1-3	Human Health
	HY2.3.1-15	Hydrology
	HY2.3.1-8	Hydrology
	HY4.2.1-7	Hydrology
	HY4.2.1-8	Hydrology
	NO3.7-1	Noise
	NO4.4.1-1	Noise
	NO5.8.1-1	Noise
	TR7.4-1	Transportation
10/30/2009	GE2.2-1	General
	AE4.3.2-1	Aquatic Ecology
	AQ2.7-3	Air Quality and Meteorology
	AQ4.4.1-1	Air Quality and Meteorology
	AQ5.8.1-1	Air Quality and Meteorology
	AQ6.4-1	Air Quality and Meteorology
	BC10.4.2-2	Benefit-Cost Balance
	CR2.5.3-1	Cultural Resources
	FC5.7-1	Fuel Cycle
	HH4.5-2	Human Health
	HH4.5-3	Human Health
	HH5.11.7-1	Human Health
	HH5.4.3-3	Human Health
	HH5.4.4-1	Human Health
	HY5.11-1	Hydrology
	HY5.3.2-2	Hydrology
	LU4.4.2-1	Land Use
	NO4.4.1-2	Noise

<b>Response Date</b>	<b>RAI Question</b>	<b>Subject</b>
11/23/2009	SE4.4.2-10	Socioeconomics
	SE4.4.2-6	Socioeconomics
	TE4.3.1-6	Terrestrial Ecology
	TR3.8-1	Transportation
	TR3.8-2	Transportation
	TR3.8-3	Transportation
	TR3.8-4	Transportation
	TR3.8-5	Transportation
	TR4.8.3-2	Transportation
	GE1.2-1	General
	GE1.2-2	General
	AC7.3-1	Accidents
	AQ2.7-1	Air Quality and Meteorology
	AQ3.6.3-2	Air Quality and Meteorology
	AQ5.3.3.1-1	Air Quality and Meteorology
	HH4.5-1	Human Health
	HH4.5-4	Human Health
	HH5.4.2-2	Human Health
	HH5.4.3-1	Human Health
	HH5.4.3-2	Human Health
	HY4.2.1-10	Hydrology
	HY4.2.1-3	Hydrology
	HY5.2-1	Hydrology
LU4.1.1-1 (moved from July)	Land Use	
SE2.5.2-1	Socioeconomics	
SE4.4.2-7	Socioeconomics	
SE4.4.2-8	Socioeconomics	
TE2.4.1-10	Terrestrial Ecology	
TE4.3.1-5	Terrestrial Ecology	
12/30/2009	GE1.2-3	General
	GE3.1-1	General
	GE4-1	General
	AE2.4.2-2 (partial response provided)	Aquatic Ecology
	AE2.4.2-3	Aquatic Ecology
AE2.4.2-4 (partial response provided)	Aquatic Ecology	

<b>Response Date</b>	<b>RAI Question</b>	<b>Subject</b>
	CR4.1.3-4	Cultural Resources
	HY2.3.1-1	Hydrology
	HY2.3.1-2 (partial response provided)	Hydrology
	HY2.3.1-3	Hydrology
	HY2.3.1-4	Hydrology
	HY2.3.1-7	Hydrology
	HY4.2.1-1	Hydrology
	HY4.2.1-11	Hydrology
	HY4.2.1-2	Hydrology
	HY4.2.1-4	Hydrology
	HY4.2.1-5	Hydrology
	HY4.2.1-6	Hydrology
	LU1.2-1b	Land Use
	SE2.5.2-2	Socioeconomics
	TE2.4.1-2 (partial response provided)	Terrestrial Ecology
	TE2.4.1-9	Terrestrial Ecology
	TE2.4.1-11 (partial response provided)	Terrestrial Ecology
	TE4.3.1-1	Terrestrial Ecology
	TE4.3.1-2	Terrestrial Ecology
	TE4.3.1-4	Terrestrial Ecology
	TR4.8.3-1	Transportation
12/30/2009	USACE-1	U.S. Army Corps of Engineers RAI
	USACE-2	U.S. Army Corps of Engineers RAI