



10 CFR 51.45
10 CFR 52.77

June 19, 2009
NRC3-09-0010

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 Jack M. Davis (DTE Energy) to USNRC, "Detroit Edison Company Application for a Combined License Fermi 3-Submission 2," NRC3-09-0006 dated March 25, 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).

This letter provides responses to 23 of the 157 Requests for Additional Information (RAIs) made in Reference 2. Appendix A to this letter identifies these RAIs and the corresponding attachment where each response is located.

Detroit Edison has developed a detailed schedule for responding to the remaining 134 RAIs. The responses to the remaining RAIs will be provided to the NRC in a series of monthly submittal letters. Appendix B identifies the RAI responses that will be included in each monthly response letter. Detroit Edison intends to respond to all RAIs by December 30th, 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 19th day of June, 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
NRC3-09-0010

List of RAI Responses Contained in this Letter

List of RAI Responses Contained in this Letter

RAI Question	Subject	Attachment Number
AE2.4.2-2	Aquatic Ecology	1
AE2.4.2-4	Aquatic Ecology	2
AE5.3.1.2-1	Aquatic Ecology	3
AL9.3-2	Alternative Sites	4
CR4.1.3-6	Historic Properties	5
CR4.1.3-8	Historic Properties	6
HH6.2-1	Impacts to Members of the Public	7
HY2.3.1-2	Hydrology	8
HY2.3.1-14	Hydrology	9
HY4.2.1-9	Hydrologic Alterations	10
LU1.2-1a	Land Use	11
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TE2.4.1-2	Terrestrial Ecology	18
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TE2.4.1-5	Terrestrial Ecology	20
TE2.4.1-6	Terrestrial Ecology	21
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TE2.4.1-11	Terrestrial Ecology	23

Appendix B
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List of Future RAI Response Dates

List of Future RAI Response Dates

Response Date	RAI Question	Subject
7/31/2009	GE1.1-1	General
	GE2-1	General
	AQ2.7-2	Air Quality and Meteorology
	AQ3.6.3-3	Air Quality and Meteorology
	BC10.4.2-1	Benefit-Cost Balance
	CR4.1.3-1	Cultural Resources
	CR4.1.3-2	Cultural Resources
	CR4.1.3-5	Cultural Resources
	HH5.3.4-1	Human Health
	HH5.4.1-1	Human Health
	HH5.4.1-2	Human Health
	HH5.4.2-1	Human Health
	HY2.3.1-5	Hydrology
	HY2.3.1-6	Hydrology
	HY2.3.1-9	Hydrology
	HY2.3.1-11	Hydrology
	HY2.3.1-12	Hydrology
	HY2.3.1-13	Hydrology
	HY4.6-1	Hydrology
	HY4.6-2	Hydrology
	HY4.6-3	Hydrology
	HY5.3.2-1	Hydrology
	HY5.3.2-3	Hydrology
	HY5.3.2-4	Hydrology
	HY5.3.2-5	Hydrology
	LU1.2-1c	Land Use
	LU4.1.1-1	Land Use
	SE2.5.1-1	Socioeconomics
	SE2.5.2-3	Socioeconomics
	SE4.4.2-5	Socioeconomics
	SE4.4.2-9	Socioeconomics
	TE2.4.1-7	Terrestrial Ecology
	TE4.3.1-3	Terrestrial Ecology

Response Date	RAI Question	Subject
	TE4.3.1-7	Terrestrial Ecology
	TL4.1.2-1	Transmission Lines
	TL4.1.2-2	Transmission Lines
	TL4.1.2-3	Transmission Lines
8/31/2009	AE2.4.2-1	Aquatic Ecology
	AE5.2.2-1	Aquatic Ecology
	AL9.3-1	Alternative Sites
	AQ2.7-5	Air Quality and Meteorology
	AQ3.6.3-1	Air Quality and Meteorology
	CR4.1.3-3	Cultural Resources
	CR4.1.3-9	Cultural Resources
	HH3.6.3-1	Human Health
	HY2.3.1-10	Hydrology
	TE2.4.1-1	Terrestrial Ecology
9/30/2009	AC7.1-1	Accidents
	AC7.2-1	Accidents
	AC7.2-2	Accidents
	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
	TE2.4.1-3	Terrestrial Ecology
	TR7.4-1	Transportation
10/30/2009	GE2.2-1	General
	GE2-2	General
	AE4.3.2-1	Aquatic Ecology

Response Date	RAI Question	Subject
	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
	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
11/23/2009	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

Response Date	RAI Question	Subject
	HH5.4.3-2	Human Health
	HY4.2.1-10	Hydrology
	HY4.2.1-3	Hydrology
	HY5.2-1	Hydrology
	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
	AE2.4.2-3	Aquatic Ecology
	CR4.1.3-4	Cultural Resources
	HY2.3.1-1	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
	TE2.4.1-9	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

Attachment 1
NRC3-09-0010

Response to RAI letter related to Fermi 3 ER

RAI Question AE2.4.2-2

NRC RAI AE2.4.2-2

Provide a copy of the interim monitoring report "Aquatic Ecology Survey, Detroit Edison Company Fermi 3 Project, Interim Report" prepared by AECOM Environment, and dated December 2008. Provide a more recent version and the final report when available.

Response

The requested Aquatic Ecology Survey interim report is attached. Final report will be submitted upon completion of the studies, in accordance with the commitment COM ER-2.4-002 made by Detroit Edison in the Fermi 3 COLA ER Rev 0, due November 25, 2009.

Proposed COLA Revision

None