

PMFermiCOLPEm Resource

From: Tonacci, Mark
Sent: Tuesday, June 30, 2009 12:47 PM
To: smithpw@dteenergy.com
Cc: Hale, Jerry; Green, Sharon; greenl@dteenergy.com
Subject: Fermi RAI Letter #8
Attachments: Fermi 3 RAI Letter #8.pdf

Peter, LaShawn,

Please find attached RAI letter 8 regarding hydrology that was discussed during the audit. Call if you have any questions.

Mark Tonacci, P. E.
Senior Project Manager
Nuclear Regulatory Commission
Division of New Reactor Licensing
ESBWR/ABWR Licensing Branch
301-415-4045

Hearing Identifier: Fermi_COL_Public
Email Number: 192

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Subject: Fermi RAI Letter #8
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Received Date: 6/30/2009 12:47:00 PM
From: Tonacci, Mark

Created By: Mark.Tonacci@nrc.gov

Recipients:

"Hale, Jerry" <Jerry.Hale@nrc.gov>
Tracking Status: None
"Green, Sharon" <Sharon.Green@nrc.gov>
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"greenl@dteenergy.com" <greenl@dteenergy.com>
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Tracking Status: None

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Options

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Expiration Date:
Recipients Received:

June 30, 2009

Mr. Peter W. Smith
Director, Nuclear Development-Licensing 337 WCB
DTE Energy
One Energy Plaza
Detroit, MI 48226-1279

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 8 RELATED TO
THE SRP SECTIONS 02.04 FOR THE FERMI 3 COMBINED LICENSE
APPLICATION

Dear Mr. Smith:

By letter dated September 18, 2008, Detroit Edison Company (Detroit Edison) submitted for approval a combined license application pursuant to 10 CFR Part 52. The U.S. Nuclear Regulatory Commission (NRC) staff is performing a detailed review of this application to enable the staff to reach a conclusion on the safety of the proposed application.

The NRC staff has identified that additional information is needed to continue portions of the review. The staff's request for additional information (RAI) is contained in the enclosure to this letter. To support the review schedule, you are requested to respond within 30 days of the date of this letter. If changes are needed to the safety analysis report, the staff requests that the RAI response include the proposed wording changes.

If you have any questions or comments concerning this matter, I can be reached at 301-415-4045 or by e-mail at Mark.Tonacci@nrc.gov.

Sincerely,

/RA/

Mark Tonacci, Senior Project Manager
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 052-033

eRAI Tracking Nos. 3203

Enclosure:
Request for Additional Information

June 30, 2009

Mr. Peter W. Smith
Director, Nuclear Development-Licensing 337 WCB
DTE Energy
One Energy Plaza
Detroit, MI 48226-1279

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 8 RELATED TO
THE SRP SECTIONS 02.04 FOR THE FERMI 3 COMBINED LICENSE
APPLICATION

Dear Mr. Smith:

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Sincerely,

/RA/

Mark Tonacci, Senior Project Manager
ESBWR/ABWR Projects Branch 1
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 052-033

eRAI Tracking Nos. 3203

Enclosure:

Request for Additional Information

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RidsNroDsraSbpb

RidsNroDnrlNge2

ADAMS Accession No. ML091800511

NRO-002

OFFICE	RHEB	RHEB/BC	OGC	NGE1/LPM
NAME	JCaverly	RRaione	MCarpentier	MTonacci
DATE	06/23/09	06/23/09	6/25/09	06/25/09

***Approval captured electronically in the electronic RAI system.**

Request for Additional Information No. 3203 Revision 0

Fermi Unit 3
Detroit Edison
Docket No. 52-033
SRP Section: 02.04 - Hydrology
Application Section: Chapter 2.4

QUESTIONS for Hydrologic Engineering Branch (RHEB)

02.04-1

The staff has reviewed FSAR Section 2.4. In accordance with 10 CFR 100.20(c) and 10 CFR 52.79(a)(1)(iii), the NRC staff requests that the applicant provide additional mapping and modeling used to determine the hydrologic characteristics of the site. The staff specifically requests the following information:

1. A map showing the drainage system for Fermi 3 overlaid with topography and site features.
2. Figure 2.4-214 and Figure 2.4-215 – superimposed on each other.
3. A map identifying the elevations of significant features and identifying the datum.
4. Information identifying the resolution for maps used in the Swan Creek watershed delineation and the maps.
5. Topographic map of Swan Creek with HEC-RAS cross-sections shown.
6. Large scale topographic maps such as those with site survey data map provided at audit.
7. Topographic maps for Fermi 2.
8. An electronic map of the Swan Creek watershed with a 1:24,000 scale
9. STWAVE input/output files
10. HEC-RAS input/output files
11. ACES input/output files