

November 1, 2010

Mr. Jack M. Davis
Senior Vice President and Chief Nuclear Officer
Detroit Edison Company
Fermi 2 – 210 NOC
6400 North Dixie Highway
Newport, MI 48166

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION LETTER NO. 47 RELATED TO
THE SRP SECTION 13.3 FOR THE FERMI 3 COMBINED LICENSE
APPLICATION

Dear Mr. Davis:

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 301-415-4093 or by e-mail at adrian.muniz@nrc.gov.

Sincerely,

/RA/

Jerry Hale, Project Manager
BWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 052-033

eRAI Tracking Nos. 5086

Enclosure:
Request for Additional Information

November 1, 2010

Mr. Jack M. Davis
Senior Vice President and Chief Nuclear Officer
Detroit Edison Company
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6400 North Dixie Highway
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THE SRP SECTION 13.3 FOR THE FERMI 3 COMBINED LICENSE
APPLICATION

Dear Mr. Davis:

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 301-415-8148 or by e-mail at jerry.hale@nrc.gov.

Sincerely,

/RA/

Jerry Hale, Project Manager
BWR Projects Branch
Division of New Reactor Licensing
Office of New Reactors

Docket Nos. 052-033

eRAI Tracking Nos. 5086

Enclosure:

Request for Additional Information

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ADAMS Accession No. ML103050203 NRO-002

OFFICE	NSIR	OGC	NGE1/PM
NAME	K. Williams	M. Carpentier	JHale
DATE	10/19/10	10/28/10	11/01/10

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

OFFICIAL RECORD COPY

Request for Additional Information No. 5086

SRP Section: 13.03 - Emergency Planning

13.03-55

Supplemental RAI 13.03-21: Exercises and Drills

In response to RAI 13.03-14-03, the applicant explained that no dedicated Post-Accident Sampling System is required for the ESBWR design. The applicant explained that post-accident monitoring is adequate to implement the Emergency Plan without reliance on post-accident sampling capability and provided a revised Section II.N. that omitted Section II.N.2.e, "Radiation Protection Drills."

As described in NUREG-0654/FEMA-REP-1; Evaluation Criterion N.2, Health Physics drills shall be conducted semi-annually which involve response to, and analysis of, simulated elevated airborne and liquid samples and direct radiation measurements in the environment. Although no dedicated PASS is required for the ESBWR design, Health Physics drills are required. Describe the frequency and content of Health Physics drills. Include this information in the Emergency Plan.