

June 2, 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. 34 RELATED TO  
THE SRP SECTION 16 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 45 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](mailto:jerry.hale@nrc.gov).

Sincerely,

*/RA/*

Jerry Hale, Project Manager  
ESBWR/ABWR Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 052-033

eRAI Tracking Nos. 4763

Enclosure:  
Request for Additional Information

June 2, 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. 34 RELATED TO THE SRP SECTION 16 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 45 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](mailto:jerry.hale@nrc.gov).

Sincerely,

**/RA/**

Jerry Hale, Project Manager  
ESBWR/ABWR Projects Branch 1  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 052-033

eRAI Tracking Nos. 4763

Enclosure:

Request for Additional Information

Distribution:

PUBLIC                      NGE 1/2 R/F                      SGreen, NRO   ACubbage, NRO  
RidsNroDsraSbpb   RidsNroDnrlNge2   IJung, NRO   MCarpentier, OGC  
ADAMS Accession No. ML101530096                      NRO-002

OFFICE	NRO/ICE2	OGC	NGE1/LPM
NAME	I.Jung	M. Carpentier	JHale
DATE	5/27/10	5/28/10	6/1/10

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

OFFICIAL RECORD COPY

**Request for Additional Information No. 4763**

**SRP Section: 16 - Technical Specifications  
Application Section: GTS 3.3.3.2 and 5.6.5 DCD Rev. 7;  
and  
COLA Part 4, TS and Bases**

16-1

In ESBWR DCD Revision 6 the Generic Technical Specifications (GTS) and Bases include a bracketed technical specification 3.3.3.2 that addressed Post-Accident Monitoring (PAM) Instrumentation designated as Type A. GTS 5.6.5 included bracketed reporting requirements when required by Condition C of LCO 3.3.3.2 for applicants incorporating PAM instrumentation. The applicant did not take this option in the Fermi Unit 3 (EF3) COL application, Revision 2, which incorporates DCD Revision 6, and removed the bracketed information, thus eliminating TS 3.3.3.2 and 5.6.5 from the plant-specific TS and Bases for 3.3.3.2.

However, DCD Revision 7 deleted this bracketed option from the GTS, removed COL Item 3.3.3.2-1 and 5.6.5-1 from Table 16.0-1-A , "COL – Applicant Open Items," of the DCD, and made GTS 3.3.3.2 applicable to Post-Accident Monitoring (PAM) Instrumentation designated as Type A, B, and C. The staff request the applicant address this DCD Revision 7 change either by incorporating by reference DCD Revision 7, GTS 3.3.3.2, 5.5.14, and 5.6.5 and Bases or by creating and justifying a departure.