

July 13, 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. 38 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 301-415-4093 or by e-mail at [adrian.muniz@nrc.gov](mailto: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. 4851

Enclosure:  
Request for Additional Information

July 13, 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. 38 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  
BWR Projects Branch  
Division of New Reactor Licensing  
Office of New Reactors

Docket Nos. 052-033  
eRAI Tracking Nos. 4851

Enclosure:  
Request for Additional Information

Distribution:

PUBLIC NGE 1/2 R/F SGreen, NRO AMuniz, NRO MCarpentier, OGC  
RidsNroDsraSbpb RidsNroDnrlNge2 NRO-002 R. Jenkins, NRO  
ADAMS Accession No. ML101940250

OFFICE	NRO/EEB	OGC	NGE1/PM
NAME	R. Jenkins	M. Carpentier	JHale
DATE	6/29/10	6/30/10	7/12/10

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

OFFICIAL RECORD COPY

## Request for Additional Information No. 4851 Revision 2

Fermi Unit 3  
Detroit Edison  
Docket No. 52-033  
SRP Section: 16 - Technical Specifications  
Application Section: 16 (3.8 - Electrical Power Systems)

16-2

In Part 4, Rev 2, B 3.8.3, Bases, Surveillance requirements (SR 3.8.3.1), page B 3.8.3-6, it states that “The 30 amp value is based on returning the battery to 95% charge and assume a 5% design margin for the battery.”

Also in Part 4, Technical Specifications and Bases, Rev. 2, page 8, Item 21 (STD COL 16.0-1-A 3.8.3-1), Acceptance Criteria for Verification of Fully Charged Battery, it is indicated under “Justification” that “Values are based on BAE battery manufacturer’s recommended fully charged float current limits for the BAE 2V-240OPzS-3000 battery string.”

These above two statements appear to be inconsistent.

- (1) Please clarify the 95% charged vs. the fully charged battery conditions with respect to float current of 30 amps as stated in both sections mentioned above.
- (2) Please provide supporting document for the float current value of 30 amps for fully charged battery.