

PMFermiCOLPEm Resource

From: Eudy, Michael
Sent: Tuesday, January 08, 2013 1:35 PM
To: Ryan C Pratt
Cc: Muniz, Adrian; FermiCOL Resource; Roy Karimi
Subject: Fermi Draft RAIs 6983 and 6984 for Chapter 1
Attachments: RAI_6983(draft).doc; RAI_6984(draft).doc

Ryan,

Here are two new Draft RAIs for Chapter 1 from section 1.11 and Appendix 1.C Please review and advise if you would like to set up a technical telecom to discuss with NRC staff before we formally issue this RAI within the next 5 business days. If you do not need a meeting, then please indicate to me accordingly. Thank you.

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U.S. Nuclear Regulatory Commission
NRO/DNRL/NGE1&2
301-415-3104

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Subject: Fermi Draft RAIs 6983 and 6984 for Chapter 1
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From: Eudy, Michael

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RAI_6983(draft).doc	32250	
RAI_6984(draft).doc	32762	

Options

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Request for Additional Information

Application Title: Fermi Unit 3 - Docket Number 52-033

Operating Company: Detroit Edison

Review Section: 01 - Introduction and Interfaces

Application Section: 1.11

QUESTIONS

1.11-x

The requirements of 10 CFR 52.79(a)(20) specify that a COL application must include the proposed technical resolutions for those unresolved safety issues (USIs) and medium- and high-priority generic safety issues (GSIs) that (1) are identified in the version of NUREG-0933 current on the date up to 6 months before the docket date of the application and (2) are technically relevant to the design. The applicant provides the required information in Table 1.11-201 to address items in ESBWR DCD Table 1.11-1 that require site-specific information.

The staff's review noted that in the ESBWR DCD, the last new GSI evaluated was Issue 200. In mid- and late 2006, the staff added three additional GSIs (GSI 201 through 203) but all of these were eventually dropped as GSIs and required no further evaluation. However, these GSIs are not identified and included in FSAR Table 1.11-201 as dropped issues accordingly. For completeness, the staff requests for the applicant to add these three latest GSIs to Table 1.11-201 with applicable note (that is similar to that in the ESBWR DCD), or justify their exclusions.

Request for Additional Information

Application Title: Fermi Unit 3 - Docket Number 52-033

Operating Company: Detroit Edison

Review Section: 01 - Introduction and Interfaces

Application Section: Appendix 1.C

QUESTIONS

1.C-x

The requirements of 10 CFR 52.79(a)(37) specify that the COL application must include information to demonstrate how operating experience insights from generic letters and bulletins issued after the most recent revision of the applicable SRP and 6 months before the docket date of the application, or comparable international operating experience, have been incorporated into the plant design. In addition, RG 1.206 Regulatory Position C.I.1.9.4 states that the applicants are required to demonstrate how the operating experience insights from generic letters (GLs) and bulletins issued after the review guidance update (i.e., in or about March 2007) have been incorporated into the plant design (i.e., address those generic communications that are not incorporated in the SRP update). The applicant provides this review in Table 1C-201.

The staff's review noted that ESBWR DCD Table 1C-1 conforms to the applicable GLs up to June 2006. The staff's review of the GLs in effect 6 months before the submittal date of the Fermi 3 COL application identified GL 2007-01, "Inaccessible or Underground Power Cable Failures that Disable Accident Mitigation Systems or Cause Plant Transients," as not listed in DCD Table 1C-1 or FSAR Table 1C-201. In addition, the staff found that SER Section 8.2 evaluates the applicability of GL 2007-01 to Fermi 3. According to SER Section 8.2, the applicant has revised FSAR Section 17.6.4 to include the underground cable monitoring program regardless of the voltage. For completeness, the staff requests for the application to update Table 1C-201 to add GL 2007-01 accordingly, or justify its exclusion.