PMFermiCOLPEm Resource

From: Eudy, Michael
Sent: Tuesday, October 18, 2011 2:11 PM
To: Nicholas A Latzy
Cc: FermiCOL Resource; Muniz, Adrian; Stubbs, Angelo; Dreisbach, Jason
Subject: New Draft FERMI Chp 10 RAI #6071
Attachments: RAI 6071.doc

Nicholas,

Here is a new Draft RAI for Chapter 10 from section 10.4.7 Please review and advise me as to when you would like to set up a technical telecom to discuss with NRC staff before we formally issue this RAI.

Michael A. Eudy - Project Manager
U.S. Nuclear Regulatory Commission
NRO/DNRL/NGE1&2
301-415-3104

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From: Eudy, Michael

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Recipients:
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Request for Additional Information No. 6071 Revision 3

Fermi Unit 3
Detroit Edison
Docket No. 52-033
SRP Section: 10.04.07 - Condensate and Feedwater System
Application Section: 10.4.7

QUESTIONS for Balance of Plant Branch 1 (SBPA)

10.04.07-***

In the applicant's August 5, 2011 supplemental response to RAI Question 12.02-7, the applicant proposed to make changes to FSAR Section 10.4.7, which currently incorporates by reference Section 10.4.7 of the ESBWR DCD with no departures or supplements. The proposed change would add, as supplemental information, the following statement: "The C&FS components can accommodate 100% feedwater flow to support a cascading feedwater configuration."

The staff has reviewed the relevant information in the ESBWR DCD. The staff found that the ESBWR DCD design and the BOP heat balance are based on the C&FS operating in a pumped forward configuration. The DCD does not directly identify a system configuration to route all feedwater flow through the CPS as stated in the RAI response, nor is it indicated in the DCD that pipe analysis (pipe hazards, transients, anticipated operational occurences) was performed based on cascade operation with higher flows through the condensate system.

The staff requests for the applicant to clarify whether or not the proposed change to the FSAR constitutes a departure, and provide adequate justification supporting the conclusion. If the proposed change is a departure, then the applicant is requested to provide the following information in the Departures Report and the FSAR:

1. If it is determined that the change is a departure requiring NRC review and approval in accordance with 10 CFR 52.63 Item 5(b)(2), then provide appropriate justification and supporting information, or;

2. If it is determined that NRC review and approval is not required for the change, then provide the bases for the determination that the departure does not require NRC review and approval in accordance with 10 CRF 52.63 Item 5(b)(2). In addition, the applicant should provide the basis and appropriate justification for its determination.