

CCNPP3eRAIPEm Resource

From: Arora, Surinder
Sent: Monday, April 14, 2014 3:32 PM
To: 'Infanger, Paul (paul.infanger@unistarnuclear.com)'; 'Mark.T.Finley@unistarnuclear.com'
Cc: CCNPP3eRAIPEm Resource; Segala, John; Wilson, Anthony; Mitra, Sikhindra; McLellan, Judith; Jackson, Terry; Spaulding, Deirdre
Subject: CCNPP3 - Draft RAI 419 ICE 7457
Attachments: DRAFT RAI 419 ICE 7457.docx

Paul,

Attached is DRAFT RAI No. 419 (eRAI No. 7457) pertaining to Section 7.7 of the Calvert Cliffs Unit 3 FSAR. The draft questions request the specific ITAACS for verification of the COL actions identified in Areva's Design Certification Application. You have until April 28, 2014 to review the draft question and request a clarification phone call to discuss the RAI before the final issuance. After the clarification phone call or after April 28, 2014, this draft RAI will be finalized and issued to you for providing your response. You will then have 30 days to provide a technically complete response or an expected response date, as applicable.

Thanks

SURINDER ARORA, PE
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Hearing Identifier: CalvertCliffs_Unit3Col_RAI
Email Number: 386

Mail Envelope Properties (B46615B367D1144982B324704E3BCEED0170BD79A3DA)

Subject: CCNPP3 - Draft RAI 419 ICE 7457
Sent Date: 4/14/2014 3:32:01 PM
Received Date: 4/14/2014 3:32:01 PM
From: Arora, Surinder

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Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	958	4/14/2014 3:32:01 PM
DRAFT RAI 419 ICE 7457.docx		30834

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Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Request for Additional Information 419 (eRAI 7457)

DRAFT

Issue Date: 04/14/2014

Application Title: Calvert Cliffs Unit 3 - Docket Number 52-016

Operating Company: UniStar

Docket No. 52-016

Review Section: 07.07 - Control Systems

Application Section:

QUESTIONS

07.07-2

Identify the inspections, test, analyses, and acceptance criteria (ITAAC) that addresses the calculated primary power calorimetric uncertainty using an NRC acceptable method for which the safety primary power calorimetric uncertainty bounds the calculated values; and if necessary, provide corresponding updates to the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 FSAR. 10 CFR 52.80(a) states, in part, that the proposed ITAAC are performed and the acceptance criteria are met, the facility has been constructed and will be operated in conformity with the combined license, the provisions of the Act, and the Commission's rules and regulations.

The staff reviewed the CCNPP Unit 3, FSAR, Revision 9, and was not able to identify any ITAAC pertaining to the primary power calorimetric uncertainty. The CCNPP Unit 3, FSAR, Section 7.7.2.3.5, states, "Following selection of the actual plant operating instrumentation and calculation of the instrumentation uncertainties of the operating plant parameters, the primary power calorimetric uncertainty will be calculated. The calculations shall be completed using an NRC acceptable method and shall confirm that the safety analysis primary power calorimetric uncertainty bounds the calculated values." The applicant is asked to identify the ITAAC that addresses the calculated primary power calorimetric uncertainty using an NRC acceptable method for which the safety primary power calorimetric uncertainty bounds the calculated values; and if necessary, provide corresponding updates to the CCNPP Unit 3, FSAR.

07.07-3

Identify the ITAAC that addresses the combined license (COL) item for the site-specific implementation of the limitations and conditions identified in Section 4 of the NRC Safety Evaluation for Topical Report ANP-10272A, "Software Program Manual for TELEPERM XS Safety Systems," and if necessary, provide corresponding updates to the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 FSAR.

10 CFR 52.80(a) states, in part, that the proposed ITAAC are performed and the acceptance criteria are met, the facility has been constructed and will be operated in conformity with the combined license, the provisions of the Act, and the Commission's rules and regulations. The staff reviewed the CCNPP Unit 3, FSAR, Revision 9, and was not able to identify any ITAAC pertaining to the COL item in Section 7.1.1.3.1. The CCNPP Unit 3, FSAR, CCNPP Unit 3, FSAR, Section 7.1.1.3.1, states:

A COL applicant that references the U.S. EPR design certification will establish a plan to address the site-specific implementation of the limitations and conditions identified in Section 4 of the NRC Safety Evaluation for Topical Report ANP- 10272A, "Software Program Manual for TELEPERM XS Safety Systems."

This COL Item is addressed as follows:

A plan shall be established to address the site-specific implementation of the limitations and conditions identified in Section 4 of the NRC Safety Evaluation for Topical Report ANP-10272A, "Software Program Manual for TELEPERM XS Safety Systems" and make it available for NRC review prior to project-specific TXS software development.

The applicant is asked to identify the ITAAC that addresses the COL item in Section 7.1.1.3.1, and if necessary, provide corresponding updates to the CCNPP Unit 3 FSAR.