

CCNPP3eRAIPEm Resource

From: Arora, Surinder
Sent: Thursday, March 27, 2014 9:49 AM
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Cc: CCNPP3eRAIPEm Resource; Segala, John; Wilson, Anthony; Gleaves, Bill; McLellan, Judith; McKirgan, John; Grady, Anne-Marie
Subject: CCNPP3 - Draft RAI 418 SBCV 7378
Attachments: DRAFT RAI 418 SBCV 7378.docx

Paul,

Attached is DRAFT RAI No. 418 (eRAI No. 7378) pertaining to Section 6.2.5 of the Calvert Cliffs Unit 3 FSAR. The draft question is a follow up to the Staff's RAI No. 597, Question 6.2.5-35, issued to AREVA Inc. on their design certification application and addresses a COL action resulting from the AREVA's RAI. You have until April 11, 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 11, 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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Request for Additional Information 418 (eRAI 7378)

DRAFT

Issue Date: 03/27/2014

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

Operating Company: UniStar

Docket No. 52-016

Review Section: 06.02.05 - Combustible Gas Control in Containment

Application Section: 6.2.5

QUESTIONS

06.02.05-1

This RAI is a followup RAI related to US EPR RAI #597, question 6.2.5-35.

In the US EPR FSAR, Chapter 19.2.4.4.5.2, AREVA lists the equipment and instrumentation in containment which must withstand the conditions expected to occur during a severe accident. These conditions include a global hydrogen burn, as required by 10 CFR 50.44(c)(3). This equipment is also identified in Table 19.2-2, "SAHRS Design and Operating Parameters" and in Table 19.2-3, "Severe Accident Instrumentation and Equipment", (in containment equipment and instrumentation only).

In the response to the US EPR RAI 473, Question 06.02.05-24 (Supplement 6), AREVA has indicated that the evaluation of the equipment in containment required for severe accident mitigation must be done at a later time. AREVA has stated that an item by item evaluation, showing the equipment identified above, is not possible at this time because this information is vendor-specific and is not available until after the procurement phase is completed.

Since AREVA is now deferring this evaluation to the COL applicant, AREVA has been requested to propose in the FSAR, the licensing mechanism for accomplishing this evaluation such as a COL Information Item or ITAAC. This request is contained in the US EPR RAI #597, Question 6.2.5-35.

The COL applicant is requested to propose in the FSAR a licensing mechanism for accomplishing this equipment survivability evaluation, such as a COL Item with a license condition to complete the evaluation prior to fuel load.