

## CCNPP3eRAIPEm Resource

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**From:** Arora, Surinder  
**Sent:** Monday, June 18, 2012 1:16 PM  
**To:** Infanger, Paul; UNECC3Project@unistarnuclear.com  
**Cc:** CCNPP3eRAIPEm Resource; Segala, John; Li, Chang; Wilson, Anthony; Vrahoretis, Susan; McKenna, Eileen; Miernicki, Michael; McLellan, Judith  
**Subject:** FW: CCNPP3 - Final RAI 356 EMB 6520  
**Attachments:** FINAL RAI 356 SBPB 6520.doc

Resent with the **corrected** FSAR Section Number (see below). Please disregard the previous version.

**SURINDER ARORA, PE**  
**PROJECT MANAGER,**  
**Office of New Reactors**  
**US Nuclear Regulatory Commission**

Phone: 301 415-1421  
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**From:** Arora, Surinder  
**Sent:** Monday, June 18, 2012 1:07 PM  
**To:** 'Infanger, Paul'; 'UNECC3Project@unistarnuclear.com'  
**Cc:** CCNPP3eRAIPEm Resource; Segala, John; Li, Chang; Wilson, Anthony; Vrahoretis, Susan; McKenna, Eileen; Miernicki, Michael; McLellan, Judith  
**Subject:** CCNPP3 - Final RAI 356 EMB 6520

Paul,

Attached is Final RAI No. 356 (eRAI No. 6520) pertaining to section **3.4.1** of the Calvert Cliffs Unit 3 FSAR. The draft of this RAI was sent to you on May 30, 2012 asking you to request a clarification call, if required, by June 13, 2012. Since you have not requested a clarification phone call as of today, it is assumed that UniStar does not require any clarification on the draft question. This email, therefore, transmits the RAI as "final" for your response.

The schedule we have established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs. For any RAIs that cannot be answered within 30 days, it is expected that a schedule date for submitting your technically correct and complete response will be provided to the staff within the 30 day period so that the staff can assess how this information will impact the review schedule.

Your response letter should also include a statement confirming that the response does or does not contain any sensitive or proprietary information.

Thanks

**SURINDER ARORA, PE**  
**PROJECT MANAGER,**  
**Office of New Reactors**  
**US Nuclear Regulatory Commission**

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**Hearing Identifier:** CalvertCliffs\_Unit3Col\_RAI  
**Email Number:** 225

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**Subject:** FW: CCNPP3 - Final RAI 356 EMB 6520  
**Sent Date:** 6/18/2012 1:16:16 PM  
**Received Date:** 6/18/2012 1:16:30 PM  
**From:** Arora, Surinder

**Created By:** Surinder.Arora@nrc.gov

**Recipients:**

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**Post Office:** HQCLSTR01.nrc.gov

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**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

Request for Additional Information No. 356 (eRAI 6520)

6/18/2012

Calvert Cliffs Unit 3  
UniStar

Docket No. 52-016

SRP Section: 03.04.01 - Internal Flood Protection for Onsite Equipment Failures  
Application Section: 3.4.1

QUESTIONS for Balance of Plant Branch 2 (ESBWR/ABWR) (SBPB)

03.04.01-1

In U.S. EPR FSAR Tier 2, Revision 3, Table 1.8-2, "Combined License Items," AREVA identified COL Information Items 3.4-4 and 3.4-5 for COL applicant to perform internal flood analyses prior to fuel load for the (a) safeguard building and fuel building to demonstrate that the impact of internal flooding is contained in within the safeguard building or fuel building division of origin, and (b) reactor building and reactor building annulus to demonstrate that the essential equipment required for safe shutdown is located above the internal flood level.

In CCNPP 3 FSAR Section 3.4.1, the COL applicant addressed COL Information Items 3.4-4 and 3.4-5 by proposing license conditions in Part 10 of the application to perform the above internal flood analyses and walk-down verification. License conditions are not appropriate for performance of these analyses since this information is needed by the staff to make the reasonable assurance finding regarding the internal flood protection aspects of the design prior to COL issuance. The applicant is requested to update the application to include this information, and propose plant-specific ITAAC to perform the associated walk-down verifications.