

## CCNPP3eRAIPEm Resource

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**From:** Arora, Surinder  
**Sent:** Wednesday, May 30, 2012 7:37 AM  
**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 - Draft RAI 356 SBPB 6520  
**Attachments:** DRAFT RAI 356 SBPB 6520.doc

Paul,

Attached is DRAFT RAI No. 356 (eRAI No. 6520) pertaining to section 3.4 of the Calvert Cliffs Unit 3 FSAR. You have until June 13, 2012 to review it and decide whether you need a conference call to discuss the RAI before the final issuance. After the phone call or after June 13, 2012, the RAI will be finalized and sent to you for your response. You will then have 30 days to provide a technically complete response or an expected response date for the RAI.

Thanks

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

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**Hearing Identifier:** CalvertCliffs\_Unit3Col\_RAI  
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**Subject:** CCNPP3 - Draft RAI 356 SBPB 6520  
**Sent Date:** 5/30/2012 7:37:21 AM  
**Received Date:** 5/30/2012 7:37:23 AM  
**From:** Arora, Surinder

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

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Request for Additional Information No. 356 (eRAI 6520)  
DRAFT  
5/30/2012

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.