

## CCNPP3eRAIPEm Resource

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**From:** Arora, Surinder  
**Sent:** Wednesday, June 26, 2013 3:35 PM  
**To:** Infanger, Paul; UNECC3Project@unistarnuclear.com  
**Cc:** CCNPP3eRAIPEm Resource; Segala, John; Wilson, Anthony; Wheeler, Larry; McKenna, Eileen; Hearn, Peter; McLellan, Judith  
**Subject:** CCNPP3 - Draft RAI 393 BPTS 7151  
**Attachments:** DRAFT RAI 393 BPTS 7151.doc

Paul,

Attached is Draft RAI No. 393 (eRAI No. 7151) pertaining to section 9.2.5 of the CCNPP3 FSAR. This RAI question is a follow up to the response provided for Question 09.02.05-19 for previous RAI 287 (eRAI 5324) pertaining Ultimate Heat Sink (UHS). You have until July 10, 2013, to review the draft RAI question and decide whether you need a conference call to discuss your understanding of the question with the staff. After the clarification phone call (if requested) or after July 10, 2013, this 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**  
**LEAD PROJECT MANAGER,**  
**Calvert Cliffs Unit 3 Project**  
**Office of New Reactors**  
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**Hearing Identifier:** CalvertCliffs\_Unit3Col\_RAI  
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**Received Date:** 6/26/2013 3:35:06 PM  
**From:** Arora, Surinder

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## Request for Additional Information 393

DRAFT

Issue Date: 6/26/2013

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

Operating Company: UniStar

Docket No. 52-016

Review Section: 09.02.05 - Ultimate Heat Sink

Application Section: 9.2.5

### QUESTIONS

09.02.05-31

#### **Follow-up to RAI 287/5324 (COL Item 9.2-9) Question 09.02.05-19:**

In response to RAI 287/5324, Question 09.02.05-19, dated April 30, 2013 the applicant stated that 'based on the analysis performed by the prospective cooling tower vendor, at the end of the thirty days, the cooling tower basin water temperature will remain below 95°F and any impact of the reduced cooling tower thermal performance due to the concentrated TDS levels will be off-set by the reduced heat load on the cooling tower'.

Due to cooling tower vendor's detailed analysis, which is still to be completed, and the uncertainty in the prospective cooling tower vendor being selected as a final supplier, the staff finds that a Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) is needed in COLA Part 10, to document this final evaluation. Specifically, an ITAAC should be written to state that due to degraded water chemistry over a 30 day period of time, post accident, that the cooling tower will be able to perform to remove the required heat load and maintain cooling tower basin water temperature will remain below 95°F.