

## CCNPP3eRAIPEm Resource

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**From:** Steckel, James  
**Sent:** Friday, October 29, 2010 9:51 AM  
**To:** robert.poche@unistarnuclear.com; cc3project@constellation.com; Scott, Roger D  
**Cc:** CCNPP3eRAIPEm Resource; Colaccino, Joseph; Vrahoretis, Susan; Kirkwood, Sara; Brown, David  
**Subject:** DRAFT RAI 273 RSAC 5218.docx  
**Attachments:** DRAFT RAI 273 RSAC 5218.docx

Rob,

Attached is DRAFT RAI No. 273 (eRAI No. 5218). You have until November 15, 2010, to review this RAI and decide whether you need a conference call to discuss/clarify the question(s) in this RAI before the final issuance of the RAI. After the clarification phone call or on November 15, 2010, the RAI will be finalized and sent to you for a response. You will then have 30 days to provide a technically complete response or an expected response date for the RAI.

Thank you,

Jim Steckel

**Hearing Identifier:** CalvertCliffs\_Unit3Col\_RAI  
**Email Number:** 38

**Mail Envelope Properties** (AF843158D8D87443918BD3AA953ABF7819C780A187)

**Subject:** DRAFT RAI 273 RSAC 5218.docx  
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**Received Date:** 10/29/2010 9:51:26 AM  
**From:** Steckel, James

**Created By:** James.Steckel@nrc.gov

**Recipients:**

"CCNPP3eRAIPEm Resource" <CCNPP3eRAIPEm.Resource@nrc.gov>  
Tracking Status: None  
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>  
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"Vrahoretis, Susan" <Susan.Vrahoretis@nrc.gov>  
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Tracking Status: None  
"Scott, Roger D" <roger.scott@unistarnuclear.com>  
Tracking Status: None

**Post Office:** HQCLSTR02.nrc.gov

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MESSAGE	517	10/29/2010 9:51:26 AM
DRAFT RAI 273 RSAC 5218.docx		16547

**Options**

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

Request for Additional Information No. 273 (eRAI 5218)  
DRAFT  
10/29/2010

Calvert Cliffs Unit 3  
UniStar  
Docket No. 52-016  
SRP Section: 02.03.01 - Regional Climatology  
Application Section: COL FSAR 2.3

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.03.01-35

In its August 19, 2010, response to RAI 250 (e4777), Question 02.03.01-34, the applicant included revised COLA content which, among other changes, included revised text for a paragraph in Section 2.3, "Meteorology," that describes how COL Information Item 2.3-1 is addressed.

COL Information Item 2.3-1 is listed in U.S. EPR DCD, Tier 2, Table 1.8-2, and applies to the whole of Section 2.3 of a COL application. COL Information Item 2.3-1 states:

"If a COL applicant that references the U.S. EPR design certification identifies site-specific meteorology values outside the range of the site parameters in Table 2.1-1, then the COL applicant will demonstrate the acceptability of the site-specific values in the appropriate sections of the Combined License application."

The site parameters listed in U.S. EPR DCD Table 2.1-1 include, among other things, site temperature values, and short-term and long-term atmospheric dispersion parameter values. However, in its August 19, 2010, response, the applicant's revised COLA content for Section 2.3 of the COL FSAR only addresses the departure from the maximum non-coincident 0% exceedance wet bulb temperature described in 2.3.1.2.2.13 of the COL FSAR. The departures and exemptions from the site parameter values for both short-term and long-term atmospheric dispersion values are not addressed.

Please revise the proposed COLA content for Section 2.3 of the COL FSAR to address the additional departures and exemptions required for both short-term and long-term atmospheric dispersion values.