

CCNPP3COLA PEmails

From: Steckel, James
Sent: Friday, November 26, 2010 1:46 PM
To: Poche, Robert
Cc: CCNPP3COL Resource; Colaccino, Joseph
Subject: Draft RAI No. 276 RGS2 5267
Attachments: Draft RAI 276 RGS2 5267.docx

Rob,

Attached is DRAFT RAI No. 276 (eRAI No. 5267). You have until December 10, 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 December 10, 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

James Steckel
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Hearing Identifier: CalvertCliffs_Unit3Cola_Public_EX
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Subject: Draft RAI No. 276 RGS2 5267
Sent Date: 11/26/2010 1:45:31 PM
Received Date: 11/26/2010 1:45:33 PM
From: Steckel, James

Created By: James.Steckel@nrc.gov

Recipients:

"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>

Tracking Status: None

"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>

Tracking Status: None

"Poche, Robert" <Robert.Poche@constellation.com>

Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

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MESSAGE	676	11/26/2010 1:45:33 PM
Draft RAI 276 RGS2 5267.docx	19558	

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

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DRAFT
Request for Additional Information No. 276 (eRAI 5267) Revision 6

11/26/2010

Calvert Cliffs Unit 3

UniStar

Docket No. 52-016

SRP Section: 02.05.04 - Stability of Subsurface Materials and Foundations

Application Section: 2.5.4

QUESTIONS for Geosciences and Geotechnical Engineering Branch 2 (RGS2)

02.05.04-29

COL Information Item 2.5-11 was added to the U.S. EPR Standard Design Certification FSAR in response to RAI 376 (eRAI 4377), Question 03.08.05-25. This COL Information Item states that "A COL applicant that references the U.S. EPR design certification will investigate and determine the horizontal variation in the seismic shear wave velocities for Seismic Category I structures. Horizontal variation in the seismic shear wave velocities should be no more than +/-20 percent of the average velocity in any layer under a Seismic Category I structure to be considered laterally uniform."

Provide information that addresses this COL Information Item, including details on how shear wave velocities vary laterally beneath each Category I structure, and supporting data for the staff to be able to independently evaluate the conclusions.