

CCNPP3COLA NPEmails

From: Arora, Surinder
Sent: Tuesday, January 19, 2010 8:22 AM
To: 'Poche, Robert'; 'cc3project@constellation.com'
Cc: CCNPP3COL Resource; Rodriguez, Ricardo; Karas, Rebecca; Colaccino, Joseph; Steckel, James; Biggins, James; Vrahoretis, Susan; Hair, Christopher
Subject: Draft RAI No. 201 RGS1 4255
Attachments: DRAFT RAI 201 RGS1 4255.doc

Rob,

Attached please find the subject draft request for additional information (RAI). You have until February 2, 2010, to review the RAI and decide whether or not you need a clarification phone call on this RAI. After the phone call or on February 2, 2010, the final RAI will be issued to you for response. You will then have 30 days to provide either a complete and technically correct response to the RAI or a schedule for providing such response, if the RAI cannot be answered during the assigned 30 days period.

Thanks.

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

Phone: 301 415-1421
FAX: 301 415-6406
Email: Surinder.Arora@nrc.gov

Hearing Identifier: CalvertCliffs_Unit3Cola_NonPublic_EX
Email Number: 3015

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Subject: Draft RAI No. 201 RGS1 4255
Sent Date: 1/19/2010 8:21:35 AM
Received Date: 1/19/2010 8:21:37 AM
From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

Recipients:

"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
"Rodriguez, Ricardo" <Ricardo.Rodriguez@nrc.gov>
Tracking Status: None
"Karas, Rebecca" <Rebecca.Karas@nrc.gov>
Tracking Status: None
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>
Tracking Status: None
"Steckel, James" <James.Steckel@nrc.gov>
Tracking Status: None
"Biggins, James" <James.Biggins@nrc.gov>
Tracking Status: None
"Vrahoretis, Susan" <Susan.Vrahoretis@nrc.gov>
Tracking Status: None
"Hair, Christopher" <Christopher.Hair@nrc.gov>
Tracking Status: None
"Poche, Robert" <Robert.Poche@constellation.com>
Tracking Status: None
"cc3project@constellation.com" <cc3project@constellation.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

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MESSAGE	1091	1/19/2010 8:21:37 AM
DRAFT RAI 201 RGS1 4255.doc		27642

Options

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

Request for Additional Information No. 201 (eRAI 4255)
DRAFT
1/19/2010

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 1 (RGS1)

02.05.04-2

CCNPP FSAR subsections 2.5.4.10.1 and 2.5.4.10.2 discuss the methodology used to calculate the bearing capacity and expected settlement at CCNPP unit 3. Please provide the calculation package used to determine bearing capacity and settlement at CCNPP 3. For all settlement cases considered, please include detailed information on how the model was built and the analyses were performed, including assumptions, all input parameters (assigned properties, layering, boundary conditions, etc), outputs, and any other information necessary for the staff to perform a confirmatory analysis.