

CCNPP3eRAIPEm Resource

From: Arora, Surinder
Sent: Tuesday, November 13, 2012 4:23 PM
To: Infanger, Paul; UNECC3Project@unistarnuclear.com
Cc: CCNPP3eRAIPEm Resource; Segala, John; Wilson, Anthony; Karas, Rebecca; Seber, Dogan; Ford, Tanya; McLellan, Judith
Subject: CCNPP3 - Final RAI 381 RGS1 6921
Attachments: FINAL RAI 381 RGS1 6921.doc

Paul,

Attached is the "Final" version of RAI No. 381 (eRAI No. 6921) pertaining to FSAR Section 2.5.2 of your Combined License Application for CCNPP3. The draft of this RAI was issued to UniStar on November 6, 2012. As stated in your email dated November 9, 2012, no further clarifications were required on the draft RAI question. This email, therefore, transmits the "final" version of the RAI.

The schedule we have established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs. For any RAIs that cannot be answered within 30 days, it is expected that a schedule date for submitting your technically correct and complete response will be provided to the staff within the 30 day period so that the staff can assess how this information will impact the review schedule of your application.

Your response letter should also include a statement confirming that the response does or does not contain any sensitive or proprietary information.

Thanks.

SURINDER ARORA, PE
PROJECT MANAGER,
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From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

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Request for Additional Information 381 (eRAI 6921)

Issue Date: 11/13/2012

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

Operating Company: UniStar

Docket No. 52-016

Review Section: 02.05.02 - Vibratory Ground Motion

Application Section:

QUESTIONS

02.05.02-25

In compliance with 10 CFR 100.23 and in conformance to NUREG-0800, Standard Review Plan, Section 2.5.2, "Vibratory Ground Motion," and Regulatory Guide (RG) 1.208, "A Performance-Based Approach to Define the Site-Specific Earthquake Ground Motion," please provide the following digital data sets discussed in a recent response to RAIs 284, 322, and 345 (ML122760541) in order for the staff to be able to use them efficiently in its own confirmatory analyses:

1. The site response model used in site amplification function calculations:
 - Shear wave velocities
 - Densities
 - Damping and shear modulus reduction curves

2. Seismic hazard curves for all individual seismic sources used to estimate the total site hazard at the seven ground motion frequencies