

## CCNPP3eRAIPEm Resource

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**From:** Arora, Surinder  
**Sent:** Monday, February 04, 2013 7:18 AM  
**To:** Infanger, Paul; UNECC3Project@unistarnuclear.com  
**Cc:** CCNPP3eRAIPEm Resource; Segala, John; Wilson, Anthony; Karas, Rebecca; Seber, Dogan; Ford, Tanya; McLellan, Judith  
**Subject:** CCNPP3 - Draft RAI 386 RGS1 7016  
**Attachments:** RAI 386 RGS1 7016.doc

Paul,

Attached is Draft RAI No. 386 (eRAI No. 7016) pertaining to Section 2.5.2 of the FSAR for the Combined License Application for CCNPP3. You have until February 19, 2013 to review it and decide whether you need a conference call to discuss the RAI questions before the final issuance. After the phone call or after February 19, 2013, the RAI will be finalized and sent to you as "Final" 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**  
**PROJECT MANAGER,**  
**Office of New Reactors**  
**US Nuclear Regulatory Commission**

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**Hearing Identifier:** CalvertCliffs\_Unit3Col\_RAI  
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**From:** Arora, Surinder

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## **Request for Additional Information 386 (eRAI 7016)**

DRAFT

Issue Date: 2/4/2013

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**

02.05.02-26

In the supplementary response to RAI 322 Question 02.05.02-23, submitted on December 20, 2012 (ML12361A440), UniStar discussed the results of a sensitivity study conducted to analyze the impact of the 2011 Mineral Virginia Earthquake on the published earthquake recurrence rates and the subsequent seismic hazard estimates at the CCNPP Unit 3 site. UniStar concluded that the Mineral Virginia earthquake's impact on the seismic hazard calculations were minimal.

In accordance with 10 CFR 100.23, please provide further details of the sensitivity study. Specifically, please describe the calculated rates for each specific case studied, their impacts on the individual hazard curves and the collective total hazard impact from all sources in all cases studied. Also discuss the potential changes to the mean earthquake recurrence rates, and any other detailed information used in reaching the final determination that the Mineral Virginia earthquake does not impact the total seismic hazard at the site.