

## CCNPP3COLA PEmails

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**From:** Arora, Surinder  
**Sent:** Monday, May 23, 2011 7:07 AM  
**To:** Cook, Christopher; Wang, Weijun  
**Cc:** Karas, Rebecca; Colaccino, Joseph; Steckel, James; CCNPP3COL Resource  
**Subject:** FW: RAI responses for RAI 268 and RAI 284

Please see the UniStar's response below that we received for our request to expedite responses to RAIs 268 and RAI 284 for section 2.5. It appears that UniStar is sticking to the response dates of June 15 1nd June 17, 2011 respectively for these RAIs. If I hear anything different, I will keep you updated; otherwise, we need to work our schedule with these dates. Please advise if any adjustment to the current schedule are required in light of this information.

Thanks.

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

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**From:** Massie, Wayne A [<mailto:wayne.massie@unistarnuclear.com>]  
**Sent:** Friday, May 20, 2011 2:07 PM  
**To:** Arora, Surinder  
**Cc:** Strout, Steven; Poche, Robert; Rayburn, Chuck  
**Subject:** FW: RAI responses for RAI 268 and RAI 284

Surinder,

As a further update to the NRC request to accelerate the UniStar responses to RAIs 268 and 284:

For RAI 268, our hope was to receive AREVA input by May 31 as indicated in the email message below. AREVA has since informed UniStar (May 20), that their input will not be available on May 31. The cause of the delay is in getting the DC seismic work completed and then the DC soil loads calc revised, which is in progress. The seismic load results must then be converted into soil pressure profiles to input into the DC static design model. AREVA has been cycling with the NRC, and continues to do so, on the way to derive the seismic soil pressure loads from the sliding and overturning analysis. AREVA has not yet specified when their RAI response input will be provided.

Consequently, for RAI 268 our ability to accelerate the RAI response is unlikely. At this time, we are continuing to work toward the scheduled June 15 submittal date.

For RAI 284, UniStar has had several calls with Bechtel to emphasize the accelerated schedule request. The modeling/analysis is the critical component of the work and Bechtel was not able to offer any duration less than 4 weeks. That makes it impossible to accelerate the current scheduled (June 17) response. At this time therefore, we are continuing to work toward the scheduled June 17 submittal date.

I will keep you apprised of changes.

wamassie  
410-470-5503

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**From:** Massie, Wayne A  
**Sent:** Thursday, May 12, 2011 3:52 PM  
**To:** 'Arora, Surinder'  
**Cc:** Strout, Steven  
**Subject:** RAI responses for RAI 268 and RAI 284

Surinder,

On Tuesday, we talked about the possibility of accelerating Calvert Cliffs Unit 3 RAI responses for RAIs 268 and 284. The response for RAI 268 was recently extended to June 17, 2011, and the response for RAI 284 extended to June 15, 2011. What I've determined to date on each follows:

RAI 268 is a comparison of our calculated lateral earth pressures with the DCD values. The problem is that the DC has not yet finalized their values. Doing so is tied to one of their RAI responses. AREVA has a target date of providing us their data by 5/31. Upon receipt of the AREVA input, UniStar will promptly finalize and submit the response. We therefore have the potential to accelerate this RAI 268 response by one week.

RAI 284 is the influence of the New Madrid Seismic zone on our GMRS/SSE. I am continuing to question what can be done on this RAI response, but cannot yet conclude that the submittal can be accelerated. If additional information provides any encouraging news, I will let you know.

wamassie  
410-470-5503

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**Subject:** FW: RAI responses for RAI 268 and RAI 284  
**Sent Date:** 5/23/2011 7:07:14 AM  
**Received Date:** 5/23/2011 7:07:15 AM  
**From:** Arora, Surinder

**Created By:** Surinder.Arora@nrc.gov

**Recipients:**

"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  
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Tracking Status: None  
"Cook, Christopher" <Christopher.Cook@nrc.gov>  
Tracking Status: None  
"Wang, Weijun" <Weijun.Wang@nrc.gov>  
Tracking Status: None

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