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DE FOIA Resource

From: Tabatabai, Sarah *NRD*
Sent: Monday, August 29, 2011 4:30 PM
To: Graizer, Vladimir; Seber, Dogan; Devlin, Stephanie; Li, Yong
Cc: Cook, Christopher; Karas, Rebecca
Subject: RE: Question
Attachments: VA Earthquake RAI.docx

Thanks Vlad! I just made some minor changes. Maybe it should be two separate RAIs. The first RAI (i.e the first paragraph) would be submitted to all affected sites and you could submit the second RAI (second paragraph) to North Anna only.
--Sarah

From: Graizer, Vladimir *NRD*
Sent: Monday, August 29, 2011 4:11 PM
To: Tabatabai, Sarah; Seber, Dogan; Devlin, Stephanie; Li, Yong
Cc: Cook, Christopher; Karas, Rebecca
Subject: RE: Question

Here are my suggestions for North Anna.

From: Tabatabai, Sarah
Sent: Thursday, August 25, 2011 11:27 AM
To: Seber, Dogan; Devlin, Stephanie; Graizer, Vladimir; Li, Yong
Cc: Cook, Christopher; Karas, Rebecca
Subject: RE: Question

Dogan, Stephanie, Vlad, and Yong,
I've attached a draft RAI regarding the Central VA earthquake that we could submit to the affected COLA sites. Please can you review this RAI and also let me know if there are any other sites besides North Anna, Calvert Cliffs, and Harris that would be affected.
Thanks.
--Sarah

From: Karas, Rebecca *NRD*
Sent: Thursday, August 25, 2011 9:38 AM
To: Tabatabai, Sarah
Cc: Cook, Christopher; Seber, Dogan
Subject: RE: Question

Can you maybe check and see how many plants we're talking about writing RAIs for and which ones? (check with the other seismologists)

Rebecca Karas, Chief
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In accordance with NUREG-0800, Standard Review Plan, Chapter 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 assess the adequacy of the existing EPRI-SOG seismic source model in light of the August 23, 2011 **M**5.8 Mineral, Virginia. The earthquake was located in the Central Virginia Seismic Zone, which is modeled by all of the EPR-SOG ESTs except for the Law Engineering Team. Please review the adequacy of the each of the ESTs source models that incorporate this earthquake (including the Law Engineering Team) in terms of the maximum magnitude probability distribution, source geometry, probability of activity, and seismicity rates. In addition, please address the impact on the GMRS.

In addition, please provide your assessment of the ground shaking experienced at NANPP Units 1 and 2 during the August 23, 2011 **M**5.8 Mineral, Virginia earthquake and address the impact on the GMRS from the COL application for NANPP Unit 3.