

ClinchRiverESPHFNPEm Resource

From: Fetter, Allen
Sent: Friday, June 09, 2017 2:38 PM
To: wmjustice@tva.gov; Casey, Kevin E; Schiele, Raymond Joseph
Subject: Preliminary draft RAI related to VGM-02 from the RGS audit

Good Afternoon,

The preliminary draft RAI below has been approved by the RGS technical division, but still needs DNRL management review before I transmit it as an official draft RAI. That being said, I don't expect much of the text to change, but I wanted to make sure you saw this today to help you can make an informed decision on the submittal you have prepared as follow-up to RGS audit information needs GE-01, GE-02 and GE-03.

Please call me if you have any questions.

Thanks,

Allen

Preliminary Draft RAI – Site Response

Updated SSAR Section 2.5.2.5.1.1 discusses the approach used to model epistemic uncertainty at the CRN site. A site profile is developed by grouping all available site data (as well as information from TVA dam sites) and calculating a log-mean and standard deviation. This is then used to calculate upper and lower site profiles. This approach is expected to account for dip across the site through the use of the three profiles. However, there is no justification made for this assertion in the text of the SSAR. Specifically, the SSAR does not explain how this approach accounts for the dipping structure across the site.

In order to satisfy requirements in 10 CFR 100.23 as it relates to seismic hazard and for the staff to make a determination about the adequacy of the site response inputs, please explain how the use of a log-mean profile, combined with upper and lower profiles based on the statistical analysis, accounts for the dipping stratigraphy of the site.

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