

Callaway2COLPEm Resource

From: Surinder Arora
Sent: Monday, May 04, 2009 1:46 PM
To: Shafer, David E
Cc: Callaway2COL Resource; Joseph Colaccino; Ann Hodgdon; Brian Thomas; Milton Valentin; Michael Miernicki; NPUnt2-EPR@ameren.com
Subject: Final RAI N0. 6 (eRAI 2381) - Public
Attachments: FINAL RAI 2381.doc

Dave,

Attached please find the subject request for additional information (RAI). A draft of this RAI was discussed in the phone calls on April 14 and April 29, 2009. Based on your email of April 29, 2009, the modified RAI was clear to your staff.

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.

Thanks.

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From: Surinder Arora

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5/1/2009

Callaway Unit 2

AmerenUE

Docket No. 52-037

SRP Section: 03.04.02 - Analysis Procedures

Application Section: SRP 3.4.2

QUESTIONS for Structural Engineering Branch 1 (AP1000/EPR Projects) (SEB1)

03.04.02-1

The ESWEMS Pumphouse is a Seismic Category I structure. Given the short gap between the Probable Maximum Precipitation (PMP) water level and the final grade level, it is important to understand the extent of the localized effects mentioned by the applicant in FSAR 3.4.3.10. Provide additional information regarding the localized effects of the PMP water level over the ESWEMS Pond, the Pumphouse, and each of the Seismic Category I structures. Explain the extent of the localized effects of the PMP with supportive technical basis, other than the information already included in FSAR 2.4.

Also, provide verification that the values of "Entrance Elevation (ft)" in FSAR Table 2.4-15 will prevent water from entering the safety related structures during all flood events.

In order for the staff to determine that the PMP water level will not compromise the ESWEMS Pumphouse safety functions, additional information is requested to demonstrate compliance with GDC-2 in 10 CFR 50, Appendix A.