

Callaway2COLPEm Resource

From: Arora, Surinder
Sent: Thursday, June 11, 2009 3:42 PM
To: Shafer, David E
Cc: Callaway2COL Resource; Colaccino, Joseph; Hodgdon, Ann; Jenkins, Ronaldo; Som, Swagata; Steckel, James; NPUnit2-EPR@ameren.com
Subject: Final RAI N0. 21 (eRAI 2445) - Public
Attachments: FINAL RAI 2445.doc

Dave,

Attached please find the subject request for additional information (RAI). A draft of this RAI was provided to you on May 21, 2009. Based on Roger Wink's email of May 27, 2009, no clarifications were needed on this RAI.

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.

Your response letter should also include a statement confirming that the response does or does not contain any sensitive or proprietary information.

Thanks.

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

Phone: 301 415-1421
FAX: 301 415-6077
Email: Surinder.Arora@nrc.gov

Hearing Identifier: CallawayPlant_Unit2_COL_Public
Email Number: 71

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6FC04058ADB2)

Subject: Final RAI N0. 21 (eRAI 2445) - Public
Sent Date: 6/11/2009 3:41:40 PM
Received Date: 6/11/2009 3:41:42 PM
From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

Recipients:

"Callaway2COL Resource" <Callaway2COL.Resource@nrc.gov>
Tracking Status: None
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>
Tracking Status: None
"Hodgdon, Ann" <Ann.Hodgdon@nrc.gov>
Tracking Status: None
"Jenkins, Ronaldo" <Ronaldo.Jenkins@nrc.gov>
Tracking Status: None
"Som, Swagata" <Swagata.Som@nrc.gov>
Tracking Status: None
"Steckel, James" <James.Steckel@nrc.gov>
Tracking Status: None
"NPUnt2-EPR@ameren.com" <NPUnt2-EPR@ameren.com>
Tracking Status: None
"Shafer, David E" <DShafer@ameren.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	1450	6/11/2009 3:41:42 PM
FINAL RAI 2445.doc	27642	

Options

Priority: Standard
Return Notification: No
Reply Requested: Yes
Sensitivity: Normal

Expiration Date:

Recipients Received:

Request for Additional Information No. 2445 Revision 0

6/11/2009

Callaway Unit 2

AmerenUE

Docket No. 52-037

SRP Section: 08.04 - Station Blackout

Application Section: 8.4

QUESTIONS for Electrical Engineering Branch (EEB)

08.04-1

This section indicates that Callaway Plant Unit 2 uses the coping analysis in Section 8.4.2.6 of the U.S. EPR FSAR. Section 8.4.2.6.1 of the U.S. EPR FSAR, last paragraph, states that "For the EPR, this results in a worst-case duration of eight hours. Subsequent refinement of site-specific data may result in a site-specific reduction to four or two hours." The Station Blackout (SBO) rule (10 CFR 50.63a) requires that each COL applicant demonstrate the capability to withstand and recover from an SBO condition lasting for a specified duration, based on four factors. If the duration is other than 8 hours for Callaway Unit 2, please indicate the coping duration and, using RG 1.155, clarify the site specific data involved in the subject reduction, if any.