

Callaway2COLPEm Resource

From: Surinder Arora
Sent: Tuesday, April 28, 2009 2:09 PM
To: Shafer, David E
Cc: Callaway2COL Resource; David Terao; Steven Downey; Joseph Colaccino; Ann Hodgdon; Tarun Roy; NPUnt2-EPR@ameren.com
Subject: Callaway SCOLA - Draft RAI No. 17 (eRAI No. 2683) - Public
Attachments: RAI 2683.doc

Dave,

Attached is DRAFT RAI No. 17 (eRAI No. 2683). You have until May 12, 2009 to review it and decide whether you need a conference call to discuss it. After the call or after May 12, 2009, the RAI will be finalized and sent to you for response. You will then have 30 days to respond.

SURINDER ARORA, PE
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Hearing Identifier: CallawayPlant_Unit2_COL_Public
Email Number: 41

Mail Envelope Properties (CB87FC66F95637428C5E0D066E756B6FBFFDFCDDDB)

Subject: Callaway SCOLA - Draft RAI No. 17 (eRAI No. 2683) - Public
Sent Date: 4/28/2009 2:09:20 PM
Received Date: 4/28/2009 2:09:20 PM
From: Surinder Arora

Created By: Surinder.Arora@nrc.gov

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Tracking Status: None

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Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	493	4/28/2009 2:09:20 PM
RAI 2683.doc	28154	

Options

Priority: Standard

Return Notification: No

Reply Requested: Yes

Sensitivity: Normal

Expiration Date:

Recipients Received:

Draft Request for Additional Information No. 2683 Revision 0

4/28/2009

Callaway Unit 2

AmerenUE

Docket No. 52-037

SRP Section: 05.03.02 - Pressure-Temperature Limits, Upper-Shelf Energy, and Pressurized Thermal Shock

Application Section: 05.03.02

QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects)
(CIB1)

05.03.02-1

The as-procured reactor vessel material properties will be available to the COL holder after the acceptance of the reactor vessel. In order to provide sufficient time for projected values of reference temperature pressurized thermal shock (RT_{PTS}) values, using the as-procured reactor vessel material properties to be verified by the NRC, the staff requests a more specific and timely milestone for submitting the pressurized thermal shock (PTS) evaluation to the NRC staff. Therefore, the NRC staff requests that a license condition be added, related to Section 5.3.2.3, which states, within a reasonable period of time following acceptance of the reactor vessel (e.g., 1 year after acceptance of the reactor vessel), the COL holder will submit to the NRC staff its plant-specific, projected values of RT_{PTS} for each reactor vessel beltline material for the end-of-life fluence of the material.