CCNPP3COLA PEmails

From: John Rycyna
Sent: Thursday, April 30, 2009 11:23 AM
To: Poche, Robert; McQueeney, Jennifer; katie.thurstin@unistarnuclear.com
Cc: CCNPP3COL Resource; Samir Chakrabarti; Jim Xu; Michael Miernicki; Joseph Colaccino; James Biggins; Adam Gendelman
Subject: RAI No 113 SEB 2575.doc (PUBLIC)
Attachments: RAI No 113 SEB 2575.doc

Rob,

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on April 16, 2009. No conference call was requested to discuss 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 date for receipt of this information will be provided to the staff within the 30 day period so that the staff can assess how this information will impact the published schedule.

This is a correction to the previous email today on this RAI to correct the file name.

John Rycyna, PE
Sr. Project Manager
Division of New Reactor Licensing
Office of New Reactors
U.S. Nuclear Regulatory Commission
301-415-4122

Hearing Identifier: CalvertCliffs_Unit3Cola_Public_EX
Email Number: 718

Mail Envelope Properties (499C2FC6BB962446994CA8682D8ADF331830CA603F)

Subject: RAI No 113 SEB 2575.doc (PUBLIC)
Sent Date: 4/30/2009 11:22:41 AM
Received Date: 4/30/2009 11:22:43 AM
From: John Rycyna

Created By: John.Rycyna@nrc.gov

Recipients:
"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
"Samir Chakrabarti" <Samir.Chakrabarti@nrc.gov>
Tracking Status: None
"Jim Xu" <Jim.Xu@nrc.gov>
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"Joseph Colaccino" <Joseph.Colaccino@nrc.gov>
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"James Biggins" <James.Biggins@nrc.gov>
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"Adam Gendelman" <Adam.Gendelman@nrc.gov>
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Tracking Status: None
"katie.thurstin@unistarnuclear.com" <katie.thurstin@unistarnuclear.com>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	862	4/30/2009 11:22:43 AM
RAI No 113 SEB 2575.doc	24686	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
Expiration Date:
Recipients Received:

Request for Additional Information No. 113
4/30/2009

Calvert Cliffs Unit 3
UniStar
Docket No. 52-016
SRP Section: 03.07.02 - Seismic System Analysis
Application Section: 3.7.2

QUESTIONS for Structural Engineering Branch 2 (ESBWR/ABWR Projects) (SEB2)

03.07.02-27

Please clarify how locations are selected within the Ultimate Heat Sink (UHS) Make-up Water Intake Structure (MWIS) floors, or within the UHS Electrical Building (EB) for the development of in-structure response spectra (ISRS) which are required for the qualification of equipment, components, and piping. In addition, it was stated during the structural audit that the ISRS developed as part of the U.S.EPR certified design would be used to qualify piping systems located within EPR standard design structures for Calvert Cliffs. COL Information Item 3.9-10 of the U.S. EPR FSAR states that pipe stress and support analysis will be performed by a COL applicant that references the U.S. EPR design certification. Please clarify the source of the input structure response spectra for this analysis. In addition to providing information on how locations within the UHS MWIS and UHS EB are selected for the generation of ISRS, please provide additional information confirming that the Certified Design ISRS documented in the U.S. EPR FSAR are used for the qualification of piping and pipe supports within the buildings of the U.S. EPR Certified Design. Please also address the same question for seismic Category I equipment and components.