

ArevaEPRDCPEm Resource

From: Tesfaye, Getachew
Sent: Monday, January 04, 2010 6:58 PM
To: 'usepr@areva.com'
Cc: Budzynski, John; VanWert, Christopher; Donoghue, Joseph; Carneal, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 325 (3852), FSAR Ch. 4 OPEN ITEM
Attachments: RAI_325_SRSB_3852.doc

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on October 30, 2009, and discussed with your staff on December 3, 2009. No changes were made to the draft RAI question as a result of that discussion. The question in this RAI is an OPEN ITEM in the safety evaluation report for Chapter 16 for Phases 2 and 3 reviews. As such, the schedule we have established for your application assumes technically correct and complete responses prior to the start of Phase 4 review. For any RAI that cannot be answered prior to the start of Phase 4 review, it is expected that a date for receipt of this information will be provided so that the staff can assess how this information will impact the published schedule.

Thanks,

Thanks,
Getachew Tesfaye
Sr. Project Manager
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Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 1073

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From: Tesfaye, Getachew

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12/04/2010

U. S. EPR Standard Design Certification
AREVA NP Inc.
Docket No. 52-020
SRP Section: 04.04 - Thermal and Hydraulic Design
Application Section: 4.4

QUESTIONS for Reactor System, Nuclear Performance and Code Review (SRSB)

04.04-61

OPEN ITEM

Follow-up RAI to RAI **Question 04.04-26:**

Provide a description of the hydraulic loads analysis for the U.S. EPR fuel and vessel components for normal operating conditions and design basis accident conditions.

Provide an explanation of the "Response to Question 04.04-26" statement that "the hold-down springs provide sufficient force to prevent hydraulic lift of the assemblies", given that FSAR Section 4.2.1.5.5 indicates that assembly lift occurs for reactor coolant pump over-speed transients.