

ArevaEPRDCPEm Resource

From: WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]
Sent: Monday, January 21, 2013 4:50 PM
To: Snyder, Amy
Cc: KOWALSKI David (AREVA); Miernicki, Michael; DELANO Karen (AREVA); LEIGHLITER John (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); WILLS Tiffany (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 567 (6945), FSAR Ch. 3
Attachments: RAI 567 Response US EPR DC.pdf

Amy,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 567 Response US EPR DC.pdf," provides a schedule since a technically correct and complete response to the one question cannot be provided at this time.

The following table indicates the respective pages in the response document, "RAI 567 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 567 — 03.02.02-15	2	2

The schedule for a technically correct and complete final response to this question is provided below.

Question #	Response Date
RAI 567 — 03.02.02-15	March 18, 2013

Sincerely,

Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.

7207 IBM Drive, Mail Code CLT 2B
Charlotte, NC 28262
Phone: 704-805-2223
Email: Dennis.Williford@areva.com

From: Snyder, Amy [<mailto:Amy.Snyder@nrc.gov>]
Sent: Tuesday, December 11, 2012 3:25 PM
To: ZZ-DL-A-USEPR-DL
Cc: Colaccino, Joseph; McNally, Richard; Miernicki, Michael; Segala, John
Subject: U.S. EPR Design Certification Application RAI No. 567 (6945), FSAR Ch. 3

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on December 7, 2012, and on December 11, 2012, you informed us that the draft RAI does not contain proprietary information and that the draft RAI is clear and no further clarification is needed. As result, no change is made to the draft RAI.

The schedule we have established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs, excluding the time period of **December 24, 2011 thru January 2, 2012, to account for the holiday season** as discussed with AREVA NP Inc on November 28, 2012. For any RAIs that cannot be answered **within 40 days or January 21, 2012**, it is expected that a date for receipt of this information will be provided to the staff within the 40-day period so that the staff can assess how this information will impact the published schedule.”

Thank You,

Amy

Amy Snyder, U.S. EPR Design Certification Lead Project Manager

Licensing Branch 1 (LB1)

Division of New Reactor Licensing

Office of New Reactors

U.S. Nuclear Regulatory Commission

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Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 4187

Mail Envelope Properties (554210743EFE354B8D5741BEB695E6560B86ED)

Subject: Response to U.S. EPR Design Certification Application RAI No. 567 (6945),
FSAR Ch. 3
Sent Date: 1/21/2013 4:49:39 PM
Received Date: 1/21/2013 4:49:42 PM
From: WILLIFORD Dennis (AREVA)

Created By: Dennis.Williford@areva.com

Recipients:

"KOWALSKI David (AREVA)" <David.Kowalski@areva.com>
Tracking Status: None
"Miernicki, Michael" <Michael.Miernicki@nrc.gov>
Tracking Status: None
"DELANO Karen (AREVA)" <Karen.Delano@areva.com>
Tracking Status: None
"LEIGHLITER John (AREVA)" <John.Leighliter@areva.com>
Tracking Status: None
"ROMINE Judy (AREVA)" <Judy.Romine@areva.com>
Tracking Status: None
"RYAN Tom (AREVA)" <Tom.Ryan@areva.com>
Tracking Status: None
"WILLS Tiffany (AREVA)" <Tiffany.Wills@areva.com>
Tracking Status: None
"Snyder, Amy" <Amy.Snyder@nrc.gov>
Tracking Status: None

Post Office: FUSLYNCMX03.fdom.ad.corp

Files	Size	Date & Time
MESSAGE	2637	1/21/2013 4:49:42 PM
RAI 567 Response US EPR DC.pdf		65065

Options

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

Response to

Request for Additional Information 567

Issue Date: 12/11/2012

Application Title: U. S. EPR Standard Design Certification - Docket Number 52-020

Operating Company: AREVA NP Inc.

Docket No. 52-020

Review Section: 03.02.02 - System Quality Group Classification

Application Section: 3.2.2

Question 03.02.02-15:

Follow-up Question to RAI 504, Question 03.02.02-14

EPR RPV Refueling cavity ring

The response to RAI 504 (5982), Question 03.02.02-14 clarified that the RPV refueling cavity ring is a not a pressure retaining component, and as a result quality group (QG) and the ASME Section III Code do not apply, but the design is to ASME Section III with no Code certification or stamping required. FSAR Tier 2 Table 3.2.2-1 shows the cavity ring as QG NA, but no code or code class is identified. Although staff agrees that a QG is not required for a component that is not pressure retaining or supporting a pressure retaining component, the ASME Section III Code does include attachments, and the boundary for attachments is to be defined in ASME design specifications. Further, there should be an ITAAC or other verification method to ensure the correct classification and integrity of the attachment weld. Therefore, the applicant is requested to:

- (a) clarify the ASME Code Class jurisdictional boundary for the attachment to the ASME Section III Class 1 RPV
- (b) confirm that an ITAAC or other verification applies to the attachment weld to the RPV
- (c) clarify in FSAR Tier 2 Table 3.2.2-1 that the design of the cavity ring is to ASME Section III with an appropriate ASME Code Class, but without ASME Code certification (with reference to the appropriate FSAR Section where the refueling ring design basis is discussed)

Response to Question 03.02.02-15:

A response to this question will be provided by March 18, 2013.