ArevaEPRDCPEm Resource

From: WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]
Sent: Wednesday, November 07, 2012 2:46 PM
To: Snyder, Amy
Cc: Hearn, Peter; BENNETT Kathy (AREVA); DELANO Karen (AREVA); LEIGHLITER John (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); KOWALSKI David (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 559 (6730), FSAR Ch. 9
Attachments: RAI 559 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 559 Response US EPR DC.pdf," provides a schedule since a technically correct and complete response to Question 09.03.04-28 cannot be provided at this time.

The following table indicates the respective pages in the response document, "RAI 559 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 559 — 09.03.04-28	2	2

The schedule for a technically correct and complete response to Question 09.03.04-28 is provided below.

Question #	Response Date
RAI 559 — 09.03.04-28	**January 3, 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: Wednesday, October 10, 2012 6:58 AM
To: ZZ-DL-A-USEPR-DL
Cc: Jenkins, Joel; Terao, David; Hearn, Peter; Segala, John; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 559 (6730), FSAR Ch. 9

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on October 2, 2012, and on October 9, 2012, you informed us that the 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. 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.

Amy Snyder,
Sr. Project Manager

NRO/DNRL/LB1
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Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 4086

Mail Envelope Properties (2FBE1051AEB2E748A0F98DF9EEE5A5D4ED9EAC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 559 (6730), FSAR Ch. 9
Sent Date: 11/7/2012 2:46:23 PM
Received Date: 11/7/2012 2:46:31 PM
From: WILLIFORD Dennis (AREVA)

Created By: Dennis.Williford@areva.com

Recipients:
"Hearn, Peter" <Peter.Hearn@nrc.gov>
Tracking Status: None
"BENNETT Kathy (AREVA)" <Kathy.Bennett@areva.com>
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
"KOWALSKI David (AREVA)" <David.Kowalski@areva.com>
Tracking Status: None
"Snyder, Amy" <Amy.Snyder@nrc.gov>
Tracking Status: None

Post Office: auscharmx02.adom.ad.corp

Files	**Size**	**Date & Time**
MESSAGE	2226	11/7/2012 2:46:31 PM
RAI 559 Response US EPR DC.pdf	64082	

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

Response to

Request for Additional Information 559(6730), Revision 0

10/10/2012

U. S. EPR Standard Design Certification
AREVA NP Inc.
Docket Number 52-020

Review Section: 09.03.04 - Chemical and Volume Control System (PWR)
(Including Boron Recovery System)

Application Section: 9.3.4

Question 09.03.04-28:

Open Item

Follow-up to RAI 492, Question 09.03.04-23

In response to RAI 492, Question 09.03.04-23, dated August 15, 2012, you stated: "In addition, the pH calculation programs available to U.S. utilities, such as the EPRI Primary pH Calculator, include ammonia in the pH calculation, allowing coolant pH to be accurately predicted and controlled in the presence of ammonia."

The staff agrees that this is an appropriate method of monitoring "at-temperature" pH and including the ammonia concentration. The staff requests that the applicant state which pH calculation program the design will follow or state the acceptance criteria for the pH calculation program.

Response to Question 09.03.04-28:

A response to this question will be provided by January 3, 2013.