

ArevaEPRDCPEm Resource

From: Snyder, Amy
Sent: Wednesday, October 10, 2012 6:58 AM
To: 'usepr@areva.com'
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
Attachments: RAI_559_CIB_6730.doc

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.

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From: Snyder, Amy

Created By: Amy.Snyder@nrc.gov

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Request for Additional Information 559(6730), Revision 0

Issue Date: 10/10/2012

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

AREVA NP Inc.

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

Application Section: 9.3.4

QUESTIONS

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.