

ArevaEPRDCPEm Resource

From: Miernicki, Michael
Sent: Wednesday, December 11, 2013 3:12 PM
To: ArevaEPRDCPEm Resource
Subject: FW: Response: US EPR DC FINAL RAI 606, - Chapter 16 - Technical Specifications - Question 25207
Attachments: RAI 606 Response US EPR DC.PDF

Michael J. Miernicki
Sr. Project Manager
NRC/NRO/DNRL/LB1
301-415-2304

From: HOTTLE Nathan (AREVA) [<mailto:Nathan.Hottle@areva.com>]
Sent: Friday, December 06, 2013 1:55 PM
To: Wunder, George
Cc: Miernicki, Michael; Hearn, Peter; Eudy, Michael; GUCWA Len (EXTERNAL AREVA); RANSOM Jim (AREVA); UYEDA Graydon (AREVA); LEIGHLITER John (AREVA); ROMINE Judy (AREVA); DELANO Karen (AREVA); WILLS Tiffany (AREVA); KOWALSKI David (AREVA); RYAN Tom (AREVA); WILLIFORD Dennis (AREVA); BALLARD Bob (AREVA)
Subject: Response: US EPR DC FINAL RAI 606, - Chapter 16 - Technical Specifications - Question 25207

George,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 606 Response US EPR DC.pdf," provides a schedule since a technically correct and complete response to the single question cannot be provided at this time.

The following table indicates the respective pages in the response document, "RAI 606 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

| Question # | Start Page | End Page |
|------------------|------------|----------|
| RAI 606 — 16-324 | 2 | 3 |

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

| Question # | Advanced Response Date | NRC Comment Request Date | Final Response Date |
|------------------|------------------------|--------------------------|---------------------|
| RAI 606 — 16-324 | March 14, 2014 | April 14, 2014 | May 15, 2014 |

Sincerely,

Nathan Hottle
AREVA Inc.
3315 Old Forest Road
Lynchburg, VA 24501
Phone 434-832-3864
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nathan.hottle@areva.com

From: HOTTLE Nathan (EP/PE)
Sent: Monday, October 21, 2013 5:28 PM
To: michael.miernicki@nrc.gov
Cc: peter.hearn@nrc.gov; GUCWA Len (External RS/NB); UYEDA Graydon (EP/PE); RANSOM Jim (RS/NB); LEIGHLITER John (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB)
Subject: Response: US EPR DC FINAL RAI 606, - Chapter 16 - Technical Specifications - Question 25207

Mike,

As you know, AREVA is in the process of re-evaluating our schedule for the remaining work to complete the design certification application. Additional schedule information will be provided in FSAR chapter closure plans. Until the closure plans are finalized, AREVA can not specify a date for completion of this RAI response.

A schedule for the response to RAI 606 Question 16-324 is provided below:

| Question # | Final Response Date |
|------------------|---------------------|
| RAI 606 — 16-324 | TBD |

Sincerely,

Nathan Hottle

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From: Snyder, Amy [<mailto:Amy.Snyder@nrc.gov>]
Sent: Thursday, September 19, 2013 7:49 AM
To: ZZ-DL-A-USEPR-DL
Cc: McKenna, Eileen; Le, Tuan; Hearn, Peter; Segala, John; Miernicki, Michael; Gleaves, Bill
Subject: US EPR DC FINAL RAI 606, - Chapter 16 - Technical Specifications - Question 25207

Attached please find the subject request for additional information (RAI). A draft RAI was provided to you on September 11, 2013. On September 13, 2013, AREVA informed us that, the RAI is clear and does not contain proprietary information and that no further clarification is needed.


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 or October 21, 2013**, 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.

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: 4742

Mail Envelope Properties (9C2386A0C0BC584684916F7A0482B6CAF339CF2FB5)

Subject: FW: Response: US EPR DC FINAL RAI 606, - Chapter 16 - Technical Specifications - Question 25207
Sent Date: 12/11/2013 3:11:57 PM
Received Date: 12/11/2013 3:11:58 PM
From: Miernicki, Michael

Created By: Michael.Miernicki@nrc.gov

Recipients:
"ArevaEPRDCPEm Resource" <ArevaEPRDCPEm.Resource@nrc.gov>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

| Files | Size | Date & Time |
|--------------------------------|------|-----------------------|
| MESSAGE | 4306 | 12/11/2013 3:11:58 PM |
| RAI 606 Response US EPR DC.PDF | | 60512 |

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

Response to

Request for Additional Information No.606

9/11/2013

U.S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

SRP Section: 16 - Technical Specifications

Application Section: TS Section 3.7

SRSB Branch

Question 16-324:

Upon review of Revision 5 of the U.S. EPR Tier 2, FSAR, Chapter 16, "Technical Specifications (TS)," and after discussions between AREVA and the staff during the August 7-8, 2013 EPR DC Public Meeting the following items were developed to address accuracy and completeness in the EPR TS and Bases:

1. Pages 3.7.22-1 through 3.7.22-2: For the new TS 3.7.22, "Steam Generator (SG) Blowdown Transfer Valves," the proposed requirements address only the safety function of these valves in their closed positions. These SG Blowdown transfer valves also perform a safety function of transferring water inventory between the affected SG and the intact SG during a steam generator tube rupture (SGTR) event. The applicant is requested to provide requirements which address their capability to open under the SGTR accident condition.
2. Page 3.7.22-2: For SR 3.7.22.1, the frequency should be "12 hours" instead of "31 days" since the failure of this surveillance potentially affects at least two independent SG loops. See SR 3.5.4.1 in TS 3.5.4, "IRWST - Operating," for a similar application.
3. Page B 3.7.22-2: In the discussion of Action B.1, the phrase "to remove power from the loop isolation valve operators" is not relevant to the required action to close the affected valves. Revise the discussion accordingly.
4. Page B 3.7.22-3: In the discussion of SR 3.7.22.1, the phrase "ensures that the required flow can be made available" is not relevant to the verification that the valves are closed with power removed from the valve operators. Revise the discussion accordingly.

Response to Question 16-324:

A response to this question will be provided by May 15, 2014.