ArevaEPRDCPEm Resource

From: BRYAN Martin (EXTERNAL AREVA) [Martin.Bryan.ext@areva.com]
Sent: Monday, November 29, 2010 3:14 PM
To: Tesfaye, Getachew
Cc: DELANO Karen (AREVA); ROMINE Judy (AREVA); BENNETT Kathy (AREVA); WILLIFORD Dennis (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 280, FSAR Ch 12, Supplement 7

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the 3 questions in RAI No. 280 on February 26, 2010. To allow time for AREVA to discuss proposed responses to the questions with the NRC staff (which was performed during the Chapter 12 audit on April 23, 2010), a revised schedule was provided in RAI 280 Supplement 1. AREVA NP provided Supplement 2 on May 13, 2010 to provide responses to 2 of the 3 remaining questions. A revised schedule for the remaining question was submitted to the NRC via Supplement 3 on July 29, 2010, in Supplement 4 on September 13, 2010, and in Supplement 5 on October 8, 2010. A technically correct and complete response to Parts 1, 2, 5 and 6 of Question 12.03-12.04-17 was submitted via Supplement 6 on November 8, 2010.

To allow further time to discuss and finalize a related response for RAI 337, Question 09.01.04-14 which impacts the response to Parts 3 and 4 of RAI 280, Question 12.03-12.04-17, a revised schedule for submittal of the final response to Parts 3 and 4 of Question 12.03-12.04-17 is provided in this e-mail.

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

Question #	Response Date
RAI 280 — 12.03-12.04-17 (Parts 3 & 4)	January 26, 2011

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: BRYAN Martin (External RS/NB)
Sent: Monday, November 08, 2010 5:32 PM
To: Tesfaye, Getachew
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); WILLIFORD Dennis (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 280, FSAR Ch 12, Supplement 6

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the 3 questions in RAI No. 280 on February 26, 2010. To allow time for AREVA to discuss proposed responses to the questions with the NRC staff (which was performed during the Chapter 12 audit on April 23, 2010), a revised schedule was provided in RAI 280 Supplement 1. AREVA NP provided Supplement 2 on May 13, 2010 to provide responses

to 2 of the 3 remaining questions. A revised schedule for the remaining question was submitted to the NRC via Supplement 3 on July 29, 2010, in Supplement 4 on September 13, 2010, and in Supplement 5 on October 8, 2010. The attached file, "RAI 280 Supplement 6 Response US EPR DC.pdf" provides a technically correct and complete response to Parts 1, 2, 5 and 6 of the remaining question.

Because the response file contains security-related sensitive information that should be withheld from public disclosure in accordance with 10 CFR 2.390, a public version is provided with the security-related sensitive information redacted. This email does not contain any security-related information. The unredacted SUNSI version is provided under separate email.

Appended to this file are affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which support the response to Parts 1, 2, 5 and 6 of RAI 280 Question 12.03-12.04-17.

The following table indicates the respective pages in the response document, "RAI 280 Supplement 6 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 280 — 12.03-12.04-17 (Parts 1,2, 5 & 6)	2	7

To allow time to discuss and finalize a related response for RAI 337, Question 09.01.04-14 which impacts the response to Parts 3 and 4 of RAI 280, Question 12.03-12.04-17, a revised schedule for submittal of the final response to Parts 3 and 4 of Question 12.03-12.04-17 is provided in this e-mail.

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

Question #	Response Date
RAI 280 — 12.03-12.04-17 (Parts 3 & 4)	December 2, 2010

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: BRYAN Martin (External RS/NB)
Sent: Friday, October 08, 2010 3:31 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); WILLIFORD Dennis (RS/NB); NOXON David (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 280, FSAR Ch 12, Supplement 5

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the 3 questions in RAI No. 280 on February 26, 2010. To allow time for AREVA to discuss proposed responses to the questions with the NRC staff (which was performed during the Chapter 12 audit on April 23, 2010), a revised schedule was

provided in RAI 280 Supplement 1. AREVA NP provided Supplement 2 on May 13, 2010 to provide responses to 2 of the 3 remaining questions. A revised schedule for the remaining question was submitted to the NRC via Supplement 3 on July 29, 2010, and in Supplement 4 on September 13, 2010.

To allow time to process FSAR changes associated with recent feedback with the NRC staff, a revised schedule for submittal of the final response to Parts 1 – 5 of Question 12.03-12.04-17 is provided in this e-mail.

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

Question #	Response Date
RAI 280 — 12.03-12.04-17 (Parts 1 – 5)	**November 8, 2010**
RAI 280 — 12.03-12.04-17 (Part 6)	November 8, 2010

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: BRYAN Martin (External RS/NB)
Sent: Monday, September 13, 2010 2:01 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); WILLIFORD Dennis (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 280, FSAR Ch 12, Supplement 4

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the 3 questions in RAI No. 280 on February 26, 2010. To allow time for AREVA to discuss proposed responses to the questions with the NRC staff (which was performed during the Chapter 12 audit on April 23, 2010), a revised schedule was provided in RAI 280 Supplement 1. AREVA NP provided Supplement 2 on May 13, 2010 to provide responses to 2 of the 3 remaining questions. On July 29, 2010 AREVA provided a revised schedule for the remaining question.

To allow time for interaction between AREVA and the NRC staff, a revised schedule for submittal of the final response is provided in this e-mail.

The schedule for a technically correct and complete response to the remaining question has been revised and is provided below:

Question #	Response Date
RAI 280 — 12.03-12.04-17 (Parts 1 – 5)	October 13, 2010
RAI 280 — 12.03-12.04-17 (Part 6)	November 8, 2010

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: BRYAN Martin (EXT)
Sent: Thursday, July 29, 2010 11:00 AM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); WILLIFORD Dennis C (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 280, FSAR Ch 12, Supplement 3

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the 3 questions in RAI No. 280 on February 26, 2010. To allow time for AREVA to discuss proposed responses to the questions with the NRC staff (which was performed during the Chapter 12 audit on April 23, 2010), a revised schedule was provided in RAI 280 Supplement 1. AREVA NP provided Supplement 2 on May 13, 2010 to provide responses to 2 of the 3 remaining questions.

Additional time is required to finalize the response to the remaining question.

The schedule for providing a technically correct and complete response to the remaining question has been changed and is provided below.

Question #	Response Date
RAI 280 — 12.03-12.04-17	September 13, 2010

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: BRYAN Martin (EXT)
Sent: Thursday, May 13, 2010 4:02 PM
To: 'getachew.tesfaye@nrc.gov'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); WILLIFORD Dennis C (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 280, FSAR Ch 12, Supplement 2

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to RAI No. 280 on February 26, 2010. To allow time for AREVA to discuss proposed responses to the questions with the NRC

staff (which was performed during the Chapter 12 audit on April 23, 2010), a revised schedule was provided in RAI 280 Supplement 1. The attached file, "RAI 280 Supplement 2 Response US EPR DC.pdf" provides technically correct and complete responses to 2 of the remaining 3 questions.

A revised schedule to complete the remaining response is required in order to address NRC reviewer concerns discussed during the Chapter 12 audit on April 23, 2010 and during the follow-up telecon on April 28, 2010.

Appended to this file are affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which support the response to RAI 280 Question 12.02-5.

The following table indicates the respective pages in the response document, "RAI 280 Supplement 2 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
12.02-5	2	2
12.02-6	3	4

The schedule for a technically correct and complete response to the remaining question has been changed and is provided below:

Question #	Response Date
12.03-12.04-17	**July 29, 2010**

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: WELLS Russell D (AREVA NP INC)
Sent: Tuesday, April 20, 2010 10:55 AM
To: 'Getachew Tesfaye'
Cc: BRYAN Martin (EXT); BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 280, FSAR Ch 12, Supplement 1

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to RAI No. 280 on February 26, 2010. To allow time for AREVA to discuss proposed responses to the remaining 3 questions with the NRC staff (scheduled for April 23, 2010), a revised schedule is provided in this e-mail.

The schedule for technically correct and complete responses to the remaining 3 questions has been changed as provided below:

Question #	Response Date
RAI 280 — 12.02-5	May 13, 2010
RAI 280 — 12.02-6	May 13, 2010
RAI 280 — 12.03-12.04-17	May 13, 2010

Sincerely,

(Russ Wells on behalf of)
Martin (Marty) C. Bryan
Licensing Advisory Engineer
AREVA NP Inc.
Tel: (434) 832-3016
Martin.Bryan.ext@areva.com

From: BRYAN Martin (EXT)
Sent: Friday, February 26, 2010 4:29 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); ROMINE Judy (AREVA NP INC); WILLIFORD Dennis C (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 280, FSAR Ch. 12

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 280 Response US EPR DC.pdf" provides a schedule since a technically correct and complete response to the 3 questions is not provided.

The following table indicates the respective pages in the response document, "RAI 280 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 280 — 12.02-5	2	2
RAI 280 — 12.02-6	3	3
RAI 280 — 12.03-12.04-17	4	5

A complete answer is not provided for the 3 questions. The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 280 — 12.02-5	April 21, 2010
RAI 280 — 12.02-6	April 21, 2010
RAI 280 — 12.03-12.04-17	April 21, 2010

Martin (Marty) C. Bryan
Licensing Advisory Engineer
AREVA NP Inc.
Tel: (434) 832-3016
Martin.Bryan.ext@areva.com

From: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]
Sent: Thursday, August 27, 2009 3:10 PM
To: ZZ-DL-A-USEPR-DL

Cc: Bernal, Sara; Hinson, Charles; Frye, Timothy; Jennings, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 280 (3307, 3554),FSAR Ch. 12

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on August 25, 2009, and discussed with your staff on August 27, 2009. No changes were made to the draft RAI questions as a result of that discussion. The questions in this RAI are considered potential open items 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 question 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,
Getachew Tesfaye
Sr. Project Manager
NRO/DNRL/NARP
(301) 415-3361

Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 2320

Mail Envelope Properties (BC417D9255991046A37DD56CF597DB71085846BC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 280, FSAR Ch 12, Supplement 7
Sent Date: 11/29/2010 3:14:23 PM
Received Date: 11/29/2010 3:14:27 PM
From: BRYAN Martin (EXTERNAL AREVA)

Created By: Martin.Bryan.ext@areva.com

Recipients:
"DELANO Karen (AREVA)" <Karen.Delano@areva.com>
Tracking Status: None
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Tracking Status: None
"BENNETT Kathy (AREVA)" <Kathy.Bennett@areva.com>
Tracking Status: None
"WILLIFORD Dennis (AREVA)" <Dennis.Williford@areva.com>
Tracking Status: None
"Tesfaye, Getachew" <Getachew.Tesfaye@nrc.gov>
Tracking Status: None

Post Office: AUSLYNCMX02.adom.ad.corp

Files	**Size**	**Date & Time**
MESSAGE	14738	11/29/2010 3:14:27 PM

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