ArevaEPRDCPEm Resource

From: BRYAN Martin (EXTERNAL AREVA) [Martin.Bryan.ext@areva.com]
Sent: Friday, February 11, 2011 1:14 PM
To: Tesfaye, Getachew
Cc: DELANO Karen (AREVA); ROMINE Judy (AREVA); BENNETT Kathy (AREVA); CORNELL Veronica (EXTERNAL AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 335, FSAR Ch. 3, Supplement 7

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 335 on January 18, 2010. AREVA NP submitted Supplement 1 to the response on March 12, 2010, to address 3 of the remaining 6 questions. AREVA NP submitted Supplement 2 and Supplement 3 to the response on June 4, 2010, and June 24, 2010, respectively, to provide a revised schedule for responding to the remaining 3 questions. AREVA NP submitted Supplement 4 on July 20, 2010, to provide INTERIM responses to Question 03.08.01-44 and Question 03.08.04-09. AREVA NP submitted Supplement 5 on August 20, 2010, to provide an INTERIM response to Question 03.08.04-10. AREVA NP submitted Supplement 6 on January 13, 2011, to provide a revised schedule for Question 03.08.01-44 and Question 03.08.04-10.

The schedule for Question 03.08.04-09 and Question 03.08.04-10 has changed. The schedule for the remaining question is unchanged.

The schedule for technically correct and complete responses to the remaining questions is provided below:

Question #	Interim Response Date	Final Response Date
RAI 335 — 03.08.01-44	July 21, 2010 (Actual)	March 3, 2011
RAI 335 — 03.08.04-09	July 21, 2010 (Actual)	April 28, 2011
RAI 335 — 03.08.04-10	August 20, 2010 (Actual)	April 8, 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: Thursday, January 13, 2011 5:09 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); CORNELL Veronica (External RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 335, FSAR Ch. 3, Supplement 6, Interim

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 335 on January 18, 2010. AREVA NP submitted Supplement 1 to the response on March 12, 2010, to address 3 of the remaining 6 questions. AREVA NP submitted Supplement 2 and Supplement 3 to the response on June 4, 2010, and June 24, 2010, respectively, to provide a revised schedule for responding to the remaining 3 questions. AREVA NP submitted Supplement 4 on July 20, 2010, to provide INTERIM responses to Question

03.08.01-44 and Question 03.08.04-09. AREVA NP submitted Supplement 5 on August 20, 2010, to provide an INTERIM response to Question 03.08.04-10.

The schedule for Question 03.08.01-44 is being revised to allow AREVA NP additional time for to address NRC feedback. The schedule for Question 03.08.04-10 is being revised to allow additional time for AREVA NP to interact with the NRC.

The schedule for technically correct and complete FINAL responses to the remaining is provided below:

Question #	Interim Response Date	Final Response Date
RAI 335 — 03.08.01-44	July 21, 2010 (Actual)	March 3, 2011
RAI 335 — 03.08.04-09	July 21, 2010 (Actual)	February 15, 2011
RAI 335 — 03.08.04-10	August 20, 2010 (Actual)	March 3, 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: Friday, August 20, 2010 3:31 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); CORNELL Veronica (External RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 335, FSAR Ch. 3, Supplement 5, Interim

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 335 on January 18, 2010. AREVA NP submitted Supplement 1 to the response on March 12, 2010, to address 3 of the remaining 6 questions. AREVA NP submitted Supplement 2 and Supplement 3 to the response on June 4, 2010, and June 24, 2010, respectively, to provide a revised schedule for responding to the remaining 3 questions. AREVA NP submitted Supplement 4 on July 20, 2010, to provide INTERIM responses to Question 03.08.01-44 and Question 03.08.04-09.

The attached file, “RAI 335 Supplement 5 US EPR DC – INTERIM.pdf” provides technically correct and complete INTERIM response to Question 03.08.04-10, as committed.

The following table indicates the respective pages in the response document, “RAI 335 Supplement 5 US EPR DC – INTERIM.pdf,” that contain AREVA NP’s INTERIM response to Question 03.08.04-10.

Question #	Start Page	End Page
RAI 335 — 03.08.04-10	2	3

The schedule for technically correct and complete FINAL responses to the remaining 3 questions is unchanged and provided below:

Question #	Interim Response Date	Final Response Date
RAI 335 — 03.08.01-44	July 21, 2010 (Actual)	January 13, 2011
RAI 335 — 03.08.04-09	July 21, 2010 (Actual)	February 15, 2011

RAI 335 — 03.08.04-10	August 20, 2010 (Actual)	January 21, 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 (EXT)
Sent: Tuesday, July 20, 2010 5:17 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); CORNELL Veronica (EXT); VAN NOY Mark (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 335, FSAR Ch. 3, Supplement 4, Interim

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 335 on January 18, 2010. AREVA NP submitted Supplement 1 to the response on March 12, 2010, to address 3 of the remaining 6 questions. AREVA NP submitted Supplement 2 to the response on June 4, 2010, to provide a schedule for the remaining 3 questions that were affected by the work underway to address NRC comments from the April 26, 2010, audit. AREVA NP submitted Supplement 3 to the response on June 24, 2010, to provide a revised schedule for responding to the remaining 3 questions based on the June 9, 2010, NRC public meeting with AREVA.

The attached file, "RAI 335 Supplement 4 US EPR DC – INTERIM.pdf" provides technically correct and complete INTERIM response to Question 03.08.01-44 and Question 03.08.04-09, as committed.

The following table indicates the respective pages in the response document, "RAI 335 Supplement 4 US EPR DC – INTERIM.pdf," that contain AREVA NP's INTERIM response to Question 03.08.01-44 and Question 03.08.04-09.

Question #	Start Page	End Page
RAI 335 — 03.08.01-44	2	8
RAI 335 — 03.08.04-09	9	11

The schedule for technically correct and complete FINAL response to the remaining 3 questions is unchanged and provided below:

Question #	Interim Response Date	Final Response Date
RAI 335 — 03.08.01-44	July 21, 2010 **(Actual)**	January 13, 2011
RAI 335 — 03.08.04-09	July 21, 2010 **(Actual)**	February 15, 2011
RAI 335 — 03.08.04-10	August 23, 2010	January 21, 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 (EXT)
Sent: Thursday, June 24, 2010 12:27 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); CORNELL Veronica (EXT); VAN NOY Mark (EXT); RYAN Tom (AREVA NP INC); GARDNER George Darrell (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 335, FSAR Ch. 3, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 335 on January 18, 2010. AREVA NP submitted Supplement 1 to the response on March 12, 2010, to address 3 of the remaining 6 questions. AREVA NP submitted Supplement 2 to the response on June 4, 2010, to provide a schedule for the remaining 3 questions that were affected by the work underway to address NRC comments from the April 26, 2010, audit.

Based upon the civil/structural re-planning activities and revised RAI response schedule presented to the NRC during the June 9, 2010, Public Meeting, and to allow time to interact with the NRC on the responses, the schedule for the remaining three questions has been changed.

Prior to submittal of the final RAI response, AREVA NP will provide an interim RAI response that includes:

(1) a description of the technical work (e.g., methodology)
(2) U.S. EPR FSAR revised pages, as applicable

The revised schedule for an interim response and the technically correct and complete response to these questions is provided below.

Question #	Interim Response Date	Final Response Date
RAI 335 — 03.08.01-44	July 21, 2010	January 13, 2011
RAI 335 — 03.08.04-09	July 21, 2010	February 15, 2011
RAI 335 — 03.08.04-10	August 23, 2010	January 21, 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 (EXT)
Sent: Friday, June 04, 2010 3:45 PM

To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); VAN NOY Mark (EXT); CORNELL Veronica (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 335, FSAR Ch. 3, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 335 on January 18, 2010. AREVA NP submitted Supplement 1 to the response on March 12, 2010, to address 3 of the remaining 6 questions.

The response to Question 03.08.04-09 is affected as a result of work currently underway to address NRC comments from the April 26, 2010, audit and a revised schedule is provided below. However, the response date for all three questions will be revised based on information presented at the June 9, 2010 public meeting and subsequent NRC feedback.

Question #	Response Date
RAI 335 — 03.08.01-44	August 13, 2010
RAI 335 — 03.08.04-09	August 13, 2010
RAI 335 — 03.08.04-10	August 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: Friday, March 12, 2010 5:06 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); ROMINE Judy (AREVA NP INC); VAN NOY Mark (EXT); GARDNER George Darrell (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 335, FSAR Ch. 3, Supplement 1

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to RAI No. 335 on January 18, 2010. The attached file, "RAI 335 Supplement 1 Response US EPR DC.pdf" provides technically correct and complete responses to 3 of the remaining 6 questions, as committed. The response to Question 03.08.04-10 is deferred due to its dependency on results of work currently underway to support other responses on related topics.

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 335 Questions 03.08.01-45, and 03.08.04-8.

The following table indicates the respective pages in the response document, "RAI 335 Supplement 1 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 335 — 03.08.01-45	2	2
RAI 335 — 03.08.01-46	3	3
RAI 335 — 03.08.04-08	4	5

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

Question #	Response Date
RAI 335 — 03.08.01-44	August 13, 2010
RAI 335 — 03.08.04-09	June 4, 2010
RAI 335 — 08.08.04-10	August 13, 2010

Sincerely,

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

From: DUNCAN Leslie E (AREVA NP INC)
Sent: Monday, January 18, 2010 3:24 PM
To: 'Tesfaye, Getachew'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 335, FSAR Ch. 3

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 335 Response US EPR DC.pdf" provides a schedule since technically correct and complete responses to the 6 questions are not provided.

The following table indicates the respective pages in the response document, "RAI 335 Response US EPR DC.pdf" that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 335 - 03.08.01-44	2	3
RAI 335 - 03.08.01-45	4	4
RAI 335 - 03.08.01-46	5	5
RAI 335 - 03.08.04-08	6	6
RAI 335 - 03.08.04-09	7	7
RAI 335 - 03.08.04-10	8	9

A complete answer is not provided for 6 of the 6 questions. The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 335 - 03.08.01-44	August 13, 2010
RAI 335 - 03.08.01-45	March 12, 2010

RAI 335 - 03.08.01-46	March 12, 2010
RAI 335 - 03.08.04-08	March 12, 2010
RAI 335 - 03.08.04-09	June 4, 2010
RAI 335 - 03.08.04-10	March 12, 2010

Sincerely,

Les Duncan
Licensing Engineer
AREVA NP Inc.
An AREVA and Siemens Company
Tel: (434) 832-2849
Leslie.Duncan@areva.com

From: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]
Sent: Saturday, December 05, 2009 6:52 AM
To: ZZ-DL-A-USEPR-DL
Cc: Xu, Jim; Hawkins, Kimberly; Patel, Jay; Miernicki, Michael; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 335 (4059, 4061),FSAR Ch. 3

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on November 30, 2009, and on December 4, 2009, you informed us that the RAI is clear and no further clarification is needed. As a result, no change is made to the draft RAI with the exception of typographical error correction in Draft RAI Question 03.08.04-8 identified by AREVA. 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 25, 2009 thru January 3, 2010, to account for the holiday season** as discussed with AREVA NP. For any RAIs that cannot be answered **within 40 days**, 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.

Thanks,
Getachew Tesfaye
Sr. Project Manager
NRO/DNRL/NARP
(301) 415-3361

Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 2534

Mail Envelope Properties (199EBB4D1CD9644D9472AA84D5D8EFA71C91BA)

Subject: Response to U.S. EPR Design Certification Application RAI No. 335, FSAR Ch. 3, Supplement 7
Sent Date: 2/11/2011 1:14:15 PM
Received Date: 2/11/2011 1:14:33 PM
From: BRYAN Martin (EXTERNAL AREVA)

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

Recipients:
"DELANO Karen (AREVA)" <Karen.Delano@areva.com>
Tracking Status: None
"ROMINE Judy (AREVA)" <Judy.Romine@areva.com>
Tracking Status: None
"BENNETT Kathy (AREVA)" <Kathy.Bennett@areva.com>
Tracking Status: None
"CORNELL Veronica (EXTERNAL AREVA)" <Veronica.Cornell.ext@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	16114	2/11/2011 1:14:33 PM

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