ArevaEPRDCPEm Resource

From: BRYAN Martin (EXTERNAL AREVA) [Martin.Bryan.ext@areva.com]
Sent: Thursday, February 17, 2011 4:28 PM
To: Tesfaye, Getachew
Cc: DELANO Karen (AREVA); ROMINE Judy (AREVA); BENNETT Kathy (AREVA); HAMMOND Philip (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 256, FSAR Ch 2, Supplement 10

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 256 on February 26, 2010. AREVA NP provided Supplement 1 on April 2, 2010 to revise the commitment date for the remaining questions. AREVA NP submitted Supplement 2 to the response on April 20, 2010 to address 2 of the remaining 4 questions. AREVA NP submitted Supplement 3 to the response on May 4, 2010 to address 1 of the remaining 2 questions. A revised schedule to complete the remaining response was submitted via Supplement 4 on May 26, 2010, revised again via Supplement 5 on July 7, 2010, revised again via Supplement 6 on September 3, 2010 and revised again via Supplement 7 on October 6, 2010. A revised schedule to allow additional time for AREVA NP to address NRC comments was submitted via Supplement 8 on December 3, 2010. A revised schedule to allow additional time for AREVA NP to interact with the NRC was submitted via Supplement 9 on January 20, 2011. The schedule is being revised to allow additional time for AREVA NP to address NRC comments.

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

Question #	Response Date
RAI 256—02.03.01-14	April 7, 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 20, 2011 4:05 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); HAMMOND Philip (RS/PT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 256, FSAR Ch 2, Supplement 9

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 256 on February 26, 2010. AREVA NP provided Supplement 1 on April 2, 2010 to revise the commitment date for the remaining questions. AREVA NP submitted Supplement 2 to the response on April 20, 2010 to address 2 of the remaining 4 questions. AREVA NP submitted Supplement 3 to the response on May 4, 2010 to address 1 of

the remaining 2 questions. A revised schedule to complete the remaining response was submitted via Supplement 4 on May 26, 2010, revised again via Supplement 5 on July 7, 2010, revised again via Supplement 6 on September 3, 2010 and revised again via Supplement 7 on October 6, 2010. A revised schedule to allow additional time for AREVA NP to address NRC comments was submitted via Supplement 8 on December 13, 2010. The schedule is being revised to allow additional time for AREVA NP to interact with the NRC.

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

Question #	Response Date
RAI 256—02.03.01-14	March 2, 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, December 13, 2010 5:57 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); HAMMOND Philip (RS/PT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 256, FSAR Ch 2, Supplement 8

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 256 on February 26, 2010. AREVA NP provided Supplement 1 on April 2, 2010 to revise the commitment date for the remaining questions. AREVA NP submitted Supplement 2 to the response on April 20, 2010 to address 2 of the remaining 4 questions. AREVA NP submitted Supplement 3 to the response on May 4, 2010 to address 1 of the remaining 2 questions. A revised schedule to complete the remaining response was submitted via Supplement 4 on May 26, 2010, revised again via Supplement 5 on July 7, 2010, revised again via Supplement 6 on September 3, 2010 and revised again via Supplement 7 on October 6, 2010. The schedule is being revised to allow additional time for AREVA NP to address NRC comments.

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

Question #	Response Date
RAI 256—02.03.01-14	**January 27, 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: Wednesday, October 06, 2010 4:22 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); HAMMOND Philip (RS/PT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 256, FSAR Ch 2, Supplement 7

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 256 on February 26, 2010. AREVA NP provided Supplement 1 on April 2, 2010 to revise the commitment date for the remaining questions. AREVA NP submitted Supplement 2 to the response on April 20, 2010 to address 2 of the remaining 4 questions. AREVA NP submitted Supplement 3 to the response on May 4, 2010 to address 1 of the remaining 2 questions. A revised schedule to complete the remaining response was submitted via Supplement 4 on May 26, 2010, revised again via Supplement 5 on July 7, 2010, and subsequently revised again via Supplement 6 on September 3, 2010.

In order to reflect the related response to RAI 345 and RAI 351 questions (which are in review with NRC) a revised schedule is provided in this e-mail.

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

Question #	Response Date
RAI 256—02.03.01-14	**December 16, 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, September 03, 2010 4:12 PM
To: 'Tesfaye, Getachew'; Miernicki, Michael
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); HAMMOND Philip (RS/PT); CORNELL Veronica (External RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 256, FSAR Ch 2, Supplement 6

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 256 on February 26, 2010. AREVA NP provided Supplement 1 on April 2, 2010 to revise the commitment date for the remaining questions. AREVA NP submitted Supplement 2 to the response on April 20, 2010 to address 2 of the remaining 4 questions. AREVA NP submitted Supplement 3 to the response on May 4, 2010 to address 1 of the remaining 2 questions. A revised schedule to complete the remaining response was submitted via Supplement 4 on May 26, 2010 and subsequently revised again via Supplement 5 on July 7, 2010.

In order to reflect the related response to RAI 345 and RAI 351 questions (which are in review and comment resolution with NRC) a revised schedule is provided in this e-mail.

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

Question #	Response Date
RAI 256—02.03.01-14	**November 16, 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: Wednesday, July 07, 2010 5:51 PM
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. 256, FSAR Ch 2, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 256 on February 26, 2010. AREVA NP provided Supplement 1 on April 2, 2010 to revise the commitment date for the remaining questions. AREVA NP submitted Supplement 2 to the response on April 20, 2010 to address 2 of the remaining 4 questions. AREVA NP submitted Supplement 3 to the response on May 4, 2010 to address 1 of the remaining 2 questions. A revised schedule to complete the remaining response was submitted via Supplement 4 on May 26, 2010.

In order to address cross-cutting issues between Design Certification and COL RAIs and to reflect the related response to RAI 351 questions (which have an NRC commitment date of August 31, 2010), a revised schedule is provided in this e-mail.

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

Question #	Response Date
RAI 256—02.03.01-14	**September 27, 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: Wednesday, May 26, 2010 5:40 PM
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. 256, FSAR Ch 2, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 256 on February 26, 2010. AREVA NP provided Supplement 1 on April 2, 2010 to revise the commitment date for the remaining questions. AREVA NP submitted Supplement 2 to the response on April 20, 2010 to address 2 of the remaining 4 questions. AREVA NP submitted Supplement 3 to the response on May 4, 2010 to address 1 of the remaining 2 questions.

A revised schedule to complete the remaining response is required in order to address cross-cutting issues between Design Certification and COL RAIs. In addition, the response is dependent upon the RAI 351 response (which has an NRC commitment date of July 1, 2010).

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

Question #	Response Date
RAI 256—02.03.01-14	**July 15, 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: Tuesday, May 04, 2010 4:45 PM
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. 256, FSAR Ch 2, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 256 on February 26, 2010. AREVA NP provided Supplement 1 on April 2, 2010 to revise the commitment date for the remaining questions. AREVA NP submitted Supplement 2 to the response on April 20, 2010 to address 2 of the remaining 4 questions. The attached file, “RAI 256 Supplement 3 Response US EPR DC.pdf” provides technically correct and complete responses to 1 of the remaining 2 questions.

Appended to this file are the affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which support the response to RAI 256 Question 02.03.01-13.

The following table indicates the respective pages in the response document, "RAI 256 Supplement 3 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 256 — 02.03.01-13	2	3

The schedule for a technically correct and complete response to the remaining question has been changed based on discussion with NRC staff on April 19, 2010. This additional time is necessary to ensure a thorough discussion of proposed new COL items.

Question #	Response Date
RAI 256—02.03.01-14	**May 27, 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: WELLS Russell D (AREVA NP INC)
Sent: Tuesday, April 20, 2010 10:50 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. 256, FSAR Ch 2, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 256 on February 26, 2010. AREVA NP provided Supplement 1 on April 2, 2010 to revise the commitment date for the remaining questions. The attached file, "RAI 256 Supplement 2 Response US EPR DC.pdf" provides technically correct and complete responses to 2 of the remaining 4 questions.

Appended to this file is the affected page of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which supports the response to RAI 256 Question 02.03.05-6.

The following table indicates the respective pages in the response document, "RAI 256 Supplement 2 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 256 — 02.03.05-6	2	2
RAI 256 — 02.03.05-7 (Part 4)	3	3

The schedule for technically correct and complete responses to the remaining 2 questions has been changed based on discussion and comments from NRC staff on April 19, 2010. This additional time is necessary to process the required changes to the responses.

Question #	Response Date
RAI 256—02.03.01-13	May 4, 2010
RAI 256—02.03.01-14	May 4, 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, April 02, 2010 4:11 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. 256, FSAR Ch. 2, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 256 on February 26, 2010. To allow time for AREVA to discuss proposed responses to the remaining 4 questions with the NRC staff, a revised schedule is provided in this e-mail.

The schedule for technically correct and complete responses to the remaining 4 questions has been changed as provided below:

Question #	Response Date
RAI 256 — 02.03.01-13	**April 20, 2010**
RAI 256 — 02.03.01-14	**April 20, 2010**
RAI 256 — 02.03.05-6	**April 20, 2010**
RAI 256 — 02.03.05-7	**April 20, 2010**

Sincerely,

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

From: BRYAN Martin (EXT)
Sent: Friday, February 26, 2010 5:17 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. 256, FSAR Ch. 2

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 256 Response US EPR DC.pdf" provides technically correct and complete responses to 3 of the 7 questions.

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 256 Questions 02.03.01-15, 02.03.04-7, and 02.03.04-8.

The following table indicates the respective pages in the response document, "RAI 256 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 256 — 02.03.01-13	2	2
RAI 256 — 02.03.01-14	3	4
RAI 256 — 02.03.01-15	5	6
RAI 256 — 02.03.04-7	7	9
RAI 256 — 02.03.04-8	10	11
RAI 256 — 02.03.05-6	12	12
RAI 256 — 02.03.05-7	13	13

A complete answer is not provided for 4 of the 7 questions. The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 256 — 02.03.01-13	April 2, 2010
RAI 256 — 02.03.01-14	April 2, 2010
RAI 256 — 02.03.05-6	April 2, 2010
RAI 256 — 02.03.05-7	April 2, 2010

Sincerely,

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: Friday, July 24, 2009 4:19 PM
To: ZZ-DL-A-USEPR-DL

Cc: Harvey, Brad; Hart, Michelle; Patel, Jay; Lauron, Carolyn; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 256 (2937, 2938,2940), FSAR Ch. 2

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on July 7, 2009, and discussed with your staff on July 23, 2009. No changes were made to the Draft RAI Questions as a result of that discussion. As we informed you during our 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 RAIs 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: 2572

Mail Envelope Properties (199EBB4D1CD9644D9472AA84D5D8EFA71FB77C)

Subject: Response to U.S. EPR Design Certification Application RAI No. 256, FSAR Ch 2, Supplement 10
Sent Date: 2/17/2011 4:27:40 PM
Received Date: 2/17/2011 4:27:45 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
"HAMMOND Philip (AREVA)" <Philip.Hammond@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	18984	2/17/2011 4:27:45 PM

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