

ArevaEPRDCPEm Resource

From: WELLS Russell (AREVA) [Russell.Wells@areva.com]
Sent: Wednesday, May 11, 2011 1:05 PM
To: Tesfaye, Getachew
Cc: HAMMOND Philip (AREVA); BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 8

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 407 on June 30, 2010. The schedule was revised October 20, 2010 by Supplement 1 to allow additional time for AREVA NP to interact with the NRC. The schedule was revised November 22, 2010 by Supplement 2 to allow additional time for AREVA NP to address NRC comments. AREVA NP provided technically correct and complete FINAL responses to 8 of the 13 questions with Supplement 3 on December 21, 2010, as committed. The schedule was revised January 13, 2011 by Supplement 4 to allow additional time for AREVA NP to address NRC comments. The schedule was revised March 14, 2011 by Supplement 5 to allow additional time for AREVA NP to interact with the NRC. AREVA NP provided technically correct and complete FINAL responses to 2 of the remaining 5 questions with Supplement 6 on March 25, 2011, as committed. The schedule was revised April 7, 2011 by Supplement 7 to allow additional time for AREVA NP to address NRC comments.

The schedule for final responses to the remaining 3 questions is revised to allow AREVA NP additional time to incorporate NRC comments on the draft responses. The revised schedule is provided below.

Question #	Response Date
RAI 407 — 03.09.02-69	June 15, 2011
RAI 407 — 03.09.02-71	June 15, 2011
RAI 407 — 03.09.02-76	June 15, 2011

Sincerely,

Russ Wells

U.S. EPR Design Certification Licensing Manager

AREVA NP, Inc.

3315 Old Forest Road, P.O. Box 10935

Mail Stop OF-57

Lynchburg, VA 24506-0935

Phone: 434-832-3884 (work)

434-942-6375 (cell)

Fax: 434-382-3884

Russell.Wells@Areva.com

From: WELLS Russell (RS/NB)

Sent: Thursday, April 07, 2011 7:41 AM

To: 'Tesfaye, Getachew'

Cc: HAMMOND Philip (RS/PT); Miernicki, Michael; BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy

(RS/NB); RYAN Tom (RS/NB)

Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 7

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 407 on June 30, 2010. The schedule was revised October 20, 2010 by Supplement 1 to allow additional time for AREVA NP to interact with the NRC. The schedule was revised November 22, 2010 by Supplement 2 to allow additional time for AREVA NP to address NRC comments. AREVA NP provided technically correct and complete FINAL responses to 8 of the 13 questions with Supplement 3 on December 21, 2010, as committed. The schedule was revised January 13, 2011 by Supplement 4 to allow additional time for AREVA NP to address NRC comments. The schedule was revised March 14, 2011 by Supplement 5 to allow additional time for AREVA NP to interact with the NRC. AREVA NP provided technically correct and complete FINAL responses to 2 of the remaining 5 questions with Supplement 6 on March 25, 2011, as committed.

The schedule for the technically correct and complete responses to the remaining 3 questions is revised to allow AREVA NP additional time to address NRC comments and is provided below.

Question #	Response Date
RAI 407 — 03.09.02-69	May 12, 2011
RAI 407 — 03.09.02-71	May 12, 2011
RAI 407 — 03.09.02-76	May 12, 2011

Sincerely,

Russ Wells

U.S. EPR Design Certification Licensing Manager

AREVA NP, Inc.

3315 Old Forest Road, P.O. Box 10935

Mail Stop OF-57

Lynchburg, VA 24506-0935

Phone: 434-832-3884 (work)

434-942-6375 (cell)

Fax: 434-382-3884

[*Russell.Wells@Areva.com*](mailto:Russell.Wells@Areva.com)

From: WELLS Russell (RS/NB)

Sent: Friday, March 25, 2011 8:49 PM

To: Tesfaye, Getachew

Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); HAMMOND Philip (RS/PT); RYAN Tom (RS/NB)

Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 6

Getachew,

AREVA NP Inc. letter NRC 11:030 dated March 24, 2011 provides a technically correct and complete response to 2 of the 5 remaining questions (i.e., Question 03.09.02-73 and Question 03.09.02-78) for RAI 407. AREVA NP considers some of the material contained in the response to be proprietary information. As required by 10 CFR 2.390(b), an affidavit is provided to support the withholding of the proprietary information from public disclosure. Proprietary and non-proprietary versions of the enclosure to this letter are provided separately.

The following table indicates the respective pages in the enclosure that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 407 — 03.09.02-73	2	10
RAI 407 — 03.09.02-78	11	11

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

Question #	Response Date
RAI 407 — 03.09.02-69	April 13, 2011
RAI 407 — 03.09.02-71	April 13, 2011
RAI 407 — 03.09.02-76	April 13, 2011

Sincerely,

Russ Wells
U.S. EPR Design Certification Licensing Manager
AREVA NP, Inc.
3315 Old Forest Road, P.O. Box 10935
Mail Stop OF-57
Lynchburg, VA 24506-0935
Phone: 434-832-3884 (work)
434-942-6375 (cell)
Fax: 434-382-3884
[*Russell.Wells@Areva.com*](mailto:Russell.Wells@Areva.com)

From: WELLS Russell (RS/NB)
Sent: Monday, March 14, 2011 1:21 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. 407, FSAR Ch. 3, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 407 on June 30, 2010. The schedule was revised October 20, 2010 by Supplement 1 to allow additional time for AREVA NP to interact with the NRC. The schedule was revised November 22, 2010 by Supplement 2 to allow additional time for AREVA NP to address NRC comments. AREVA NP provided technically correct and complete FINAL responses to 8 of the 13 questions with Supplement 3 on December 21, 2010, as committed. The schedule was revised January 13, 2011 by Supplement 4 to allow additional time for AREVA NP to address NRC comments.

The schedule for the technically correct and complete responses to the remaining 5 questions is revised to allow AREVA NP additional time to interact with the NRC and is provided below.

Question #	Response Date
RAI 407 — 03.09.02-69	April 13, 2011
RAI 407 — 03.09.02-71	April 13, 2011
RAI 407 — 03.09.02-73	April 13, 2011
RAI 407 — 03.09.02-76	April 13, 2011
RAI 407 — 03.09.02-78	April 13, 2011

Sincerely,

Russ Wells

U.S. EPR Design Certification Licensing Manager

AREVA NP, Inc.

3315 Old Forest Road, P.O. Box 10935

Mail Stop OF-57

Lynchburg, VA 24506-0935

Phone: 434-832-3884 (work)

434-942-6375 (cell)

Fax: 434-382-3884

Russell.Wells@Areva.com

From: BRYAN Martin (External RS/NB)

Sent: Thursday, January 13, 2011 2:01 PM

To: 'Tefaye, 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. 407, FSAR Ch. 3, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 407 on June 30, 2010. The schedule was revised October 20, 2010 by Supplement 1 to allow additional time for AREVA NP to interact with the NRC. The schedule was revised November 22, 2010 by Supplement 2 to allow additional time for AREVA NP to address NRC comments. AREVA NP provided technically correct and complete FINAL responses to 8 of the 13 questions with Supplement 3 on December 21, 2010, as committed.

The schedule for the technically correct and complete responses to the remaining 5 questions is revised to allow AREVA NP additional time to address NRC comments and is provided below

Question #	Response Date
RAI 407 — 03.09.02-69	March 16, 2011
RAI 407 — 03.09.02-71	March 16, 2011
RAI 407 — 03.09.02-73	March 16, 2011
RAI 407 — 03.09.02-76	March 16, 2011
RAI 407 — 03.09.02-78	March 16, 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: Tuesday, December 21, 2010 8:07 PM

To: Tesfaye, Getachew

Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); HAMMOND Philip (RS/PT); Miernicki, Michael; 'Carneal, Jason'; RYAN Tom (RS/NB)

Subject: PROPRIETARY Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 3

Getachew,

Attached is the letter, affidavit, and proprietary and non-proprietary responses for RAI 407 Supplement 3 that were placed in the mail today. AREVA NP believes some of the information in the response to be proprietary and request that it be withheld from public disclosure in accordance with 10 CFR 2.390.

The following table indicates the respective pages in the response document, "RAI 407 Supplement 3 Response US EPR DC - Proprietary.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 407 — 03.09.02-70	2	3
RAI 407 — 03.09.02-72	4	4
RAI 407 — 03.09.02-74	5	5
RAI 407 — 03.09.02-75	6	6
RAI 407 — 03.09.02-77	7	7
RAI 407 — 03.09.02-79	8	9
RAI 407 — 03.09.02-80	10	11
RAI 407 — 03.09.02-81	12	13

The schedule for the technically correct and complete responses to the remaining 5 questions is unchanged and is provided below.

Question #	Response Date
RAI 407 — 03.09.02-69	January 19, 2011
RAI 407 — 03.09.02-71	January 19, 2011
RAI 407 — 03.09.02-73	January 19, 2011
RAI 407 — 03.09.02-76	January 19, 2011
RAI 407 — 03.09.02-78	January 19, 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 22, 2010 8:30 AM

To: 'Tesfaye, Getachew'

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. 407, FSAR Ch. 3, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 407 on June 30, 2010. The schedule was revised October 20, 2010 to allow additional time for AREVA NP to interact with the NRC. The schedule is being revised to allow additional time for AREVA NP to address NRC comments.

The schedule for technically correct and complete responses is provided below:

Question #	Response Date
RAI 407 — 03.09.02-69	January 19, 2011
RAI 407 — 03.09.02-70	January 19, 2011
RAI 407 — 03.09.02-71	January 19, 2011
RAI 407 — 03.09.02-72	January 19, 2011
RAI 407 — 03.09.02-73	January 19, 2011
RAI 407 — 03.09.02-74	January 19, 2011
RAI 407 — 03.09.02-75	January 19, 2011
RAI 407 — 03.09.02-76	January 19, 2011
RAI 407 — 03.09.02-77	January 19, 2011
RAI 407 — 03.09.02-78	January 19, 2011
RAI 407 — 03.09.02-79	January 19, 2011
RAI 407 — 03.09.02-80	January 19, 2011
RAI 407 — 03.09.02-81	January 19, 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 20, 2010 9:07 AM
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. 407, FSAR Ch. 3, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 407 on June 30, 2010. The schedule is being revised to allow additional time for AREVA NP to interact with the NRC.

The schedule for technically correct and complete responses is provided below:

Question #	Response Date
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RAI 407 — 03.09.02-69	November 30, 2010
RAI 407 — 03.09.02-70	November 30, 2010
RAI 407 — 03.09.02-71	November 30, 2010
RAI 407 — 03.09.02-72	November 30, 2010
RAI 407 — 03.09.02-73	November 30, 2010
RAI 407 — 03.09.02-74	November 30, 2010
RAI 407 — 03.09.02-75	November 30, 2010
RAI 407 — 03.09.02-76	November 30, 2010
RAI 407 — 03.09.02-77	November 30, 2010
RAI 407 — 03.09.02-78	November 30, 2010
RAI 407 — 03.09.02-79	November 30, 2010
RAI 407 — 03.09.02-80	November 30, 2010
RAI 407 — 03.09.02-81	November 30, 2010

Sincerely

From: BRYAN Martin (EXT)
Sent: Wednesday, June 30, 2010 9:18 PM
To: 'Tesfaye, Getachew'
Cc: HAMMOND Philip R (AREVA NP INC); DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 407 Response US EPR DC.pdf," provides a schedule since a technically correct and complete response to the RAI 407 questions is not provided.

The following table indicates the respective pages in the response document, "RAI 407 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 407 — 03.09.02-69	2	2
RAI 407 — 03.09.02-70	3	3
RAI 407 — 03.09.02-71	4	4
RAI 407 — 03.09.02-72	5	5
RAI 407 — 03.09.02-73	6	6
RAI 407 — 03.09.02-74	7	7
RAI 407 — 03.09.02-75	8	8
RAI 407 — 03.09.02-76	9	9
RAI 407 — 03.09.02-77	10	10
RAI 407 — 03.09.02-78	11	11
RAI 407 — 03.09.02-79	12	12
RAI 407 — 03.09.02-80	13	13
RAI 407 — 03.09.02-81	14	14

A complete answer is not provided for 13 of the 13 questions. The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
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RAI 407 — 03.09.02-69	October 20, 2010
RAI 407 — 03.09.02-70	October 20, 2010
RAI 407 — 03.09.02-71	October 20, 2010
RAI 407 — 03.09.02-72	October 20, 2010
RAI 407 — 03.09.02-73	October 20, 2010
RAI 407 — 03.09.02-74	October 20, 2010
RAI 407 — 03.09.02-75	October 20, 2010
RAI 407 — 03.09.02-76	October 20, 2010
RAI 407 — 03.09.02-77	October 20, 2010
RAI 407 — 03.09.02-78	October 20, 2010
RAI 407 — 03.09.02-79	October 20, 2010
RAI 407 — 03.09.02-80	October 20, 2010
RAI 407 — 03.09.02-81	October 20, 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: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]
Sent: Monday, June 07, 2010 9:57 AM
To: ZZ-DL-A-USEPR-DL
Cc: Wong, Yuken; Dixon-Herrity, Jennifer; Patel, Jay; Miernicki, Michael; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 407(4654), FSAR Ch. 3

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on May 20, 2010, and on June 2, 2010, you informed us that the RAI is clear and no further clarification is needed. You also informed us that the draft RAI contained proprietary information. As a result, draft RAI Questions 03.09.02-70, 03.09.02-71, and 03.09.02-80 were modified to delete the proprietary information. 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.

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

Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 2959

Mail Envelope Properties (1F1CC1BBDC66B842A46CAC03D6B1CD41045A461E)

Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 8
Sent Date: 5/11/2011 1:04:42 PM
Received Date: 5/11/2011 1:04:51 PM
From: WELLS Russell (AREVA)

Created By: Russell.Wells@areva.com

Recipients:
"HAMMOND Philip (AREVA)" <Philip.Hammond@areva.com>
Tracking Status: None
"BENNETT Kathy (AREVA)" <Kathy.Bennett@areva.com>
Tracking Status: None
"DELANO Karen (AREVA)" <Karen.Delano@areva.com>
Tracking Status: None
"ROMINE Judy (AREVA)" <Judy.Romine@areva.com>
Tracking Status: None
"RYAN Tom (AREVA)" <Tom.Ryan@areva.com>
Tracking Status: None
"Tsfaye, Getachew" <Getachew.Tsfaye@nrc.gov>
Tracking Status: None

Post Office: AUSLYNCMX02.adom.ad.corp

Files	Size	Date & Time
MESSAGE	17446	5/11/2011 1:04:51 PM

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