

ArevaEPRDCPEm Resource

From: WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]
Sent: Wednesday, January 25, 2012 5:12 PM
To: Tesfaye, Getachew
Cc: BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); WELLS Russell (AREVA); Miernicki, Michael
Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 16

Getachew,

AREVA NP Inc. letter NRC:12:004 dated January 25, 2012 provides a technically correct and complete final response to the two remaining questions in 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 enclosed response that contain AREVA NP's final response to the subject questions.

Question #	Start Page	End Page
RAI 407 — 03.09.02-69	2	7
RAI 407 — 03.09.02-71	8	9

This concludes the formal AREVA NP response to RAI 407, and there are no questions from this RAI for which AREVA NP has not provided responses.

Sincerely,

Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.

7207 IBM Drive, Mail Code CLT 2B
Charlotte, NC 28262
Phone: 704-805-2223
Email: Dennis.Williford@areva.com

From: WILLIFORD Dennis (RS/NB)
Sent: Thursday, December 15, 2011 1:11 PM
To: Getachew.Tesfaye@nrc.gov
Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); WELLS Russell (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 15

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. 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. The schedule was revised by Supplement 7 on April 7, 2011, Supplement 8 on May 11, 2011, and Supplement 9 on June 6, 2011 to allow additional time for AREVA NP to address NRC comments. AREVA NP provided a technically correct and complete final response to 1 of the remaining 3 questions with Supplement 10 on July 7, 2011. AREVA NP provided a revised schedule for the remaining 2 questions with Supplement 11 on July 12, 2011, Supplement 12 on September 9, 2011, Supplement 13 on October 3, 2011, and Supplement 14 on November 17, 2011.

The schedule for final responses to the remaining 2 questions is being revised as provided below.

Question #	Response Date
RAI 407 — 03.09.02-69	February 22, 2012
RAI 407 — 03.09.02-71	February 22, 2012

Sincerely,

Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.

7207 IBM Drive, Mail Code CLT 2B
 Charlotte, NC 28262
 Phone: 704-805-2223
 Email: Dennis.Williford@areva.com

From: WILLIFORD Dennis (RS/NB)
Sent: Thursday, November 17, 2011 4:45 PM
To: Getachew.Tesfaye@nrc.gov
Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); WELLS Russell (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 14

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. 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. The schedule was revised by Supplement 7 on April 7, 2011, Supplement 8 on May 11, 2011, and Supplement 9 on June 6, 2011 to allow additional time for AREVA NP to address NRC comments. AREVA NP provided a technically correct and complete final response to 1 of the remaining 3 questions with Supplement 10 on July 7, 2011. AREVA NP provided a revised schedule for the remaining 2 questions with Supplement 11 on July 12, 2011, Supplement 12 on September 9, 2011, and Supplement 13 on October 3, 2011.

The schedule for final responses to the remaining 2 questions is being revised as provided below.

Question #	Response Date
RAI 407 — 03.09.02-69	December 22, 2011
RAI 407 — 03.09.02-71	December 22, 2011

Sincerely,

Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.

7207 IBM Drive, Mail Code CLT 2B
Charlotte, NC 28262
Phone: 704-805-2223
Email: Dennis.Williford@areva.com

From: WILLIFORD Dennis (RS/NB)
Sent: Monday, October 03, 2011 1:29 PM
To: Getachew.Tesfaye@nrc.gov
Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); WELLS Russell (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 13

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. 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. The schedule was revised by Supplement 7 on April 7, 2011, Supplement 8 on May 11, 2011, and Supplement 9 on June 6, 2011 to allow additional time for AREVA NP to address NRC comments. AREVA NP provided a technically correct and complete final response to 1 of the remaining 3 questions with Supplement 10 on July 7, 2011. AREVA NP provided a revised schedule for the remaining 2 questions with Supplement 11 on July 12, 2011 and Supplement 12 on September 9, 2011.

The schedule for final responses to the remaining 2 questions is being revised as provided below.

Question #	Response Date
RAI 407 — 03.09.02-69	November 22, 2011
RAI 407 — 03.09.02-71	November 22, 2011

Sincerely,

Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.

7207 IBM Drive, Mail Code CLT 2B
Charlotte, NC 28262
Phone: 704-805-2223
Email: Dennis.Williford@areva.com

From: WILLIFORD Dennis (RS/NB)
Sent: Friday, September 09, 2011 2:16 PM

To: Getachew.Tesfaye@nrc.gov

Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); WELLS Russell (RS/NB)

Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 12

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 by Supplement 7 on April 7, 2011, Supplement 8 on May 11, 2011, and Supplement 9 on June 6 to allow additional time for AREVA NP to address NRC comments. AREVA NP provided technically correct and complete FINAL responses to 1 of the remaining 3 questions with Supplement 10 on July 7, 2011, as committed. AREVA NP provided a revised schedule for the remaining 2 questions with Supplement 11 on July 12, 2011.

The schedule for final responses to the remaining 2 questions is being revised as provided below.

Question #	Response Date
RAI 407 — 03.09.02-69	October 16, 2011
RAI 407 — 03.09.02-71	October 16, 2011

Sincerely,

Dennis Williford, P.E.

U.S. EPR Design Certification Licensing Manager

AREVA NP Inc.

7207 IBM Drive, Mail Code CLT 2B

Charlotte, NC 28262

Phone: 704-805-2223

Email: Dennis.Williford@areva.com

From: WILLIFORD Dennis (RS/NB)

Sent: Tuesday, July 12, 2011 4:14 PM

To: Tesfaye, Getachew

Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); WELLS Russell (RS/NB)

Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 11

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 by Supplement 7 on April 7, 2011, Supplement 8 on May 11, 2011, and Supplement 9 on June 6 to allow additional time for AREVA NP to address NRC comments. AREVA NP provided technically correct and complete FINAL responses to 1 of the remaining 3 questions with Supplement 10 on July 7, 2011, as committed.

The schedule for final responses to the remaining 2 questions is being revised. The revised schedule is provided below.

Question #	Response Date
RAI 407 — 03.09.02-69	September 16, 2011
RAI 407 — 03.09.02-71	September 16, 2011

Sincerely,

Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.

7207 IBM Drive, Mail Code CLT 2B
Charlotte, NC 28262
Phone: 704-805-2223
Email: Dennis.Williford@areva.com

From: WILLIFORD Dennis (RS/NB)
Sent: Thursday, July 07, 2011 8:42 AM
To: Tesfaye, Getachew
Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); WELLS Russell (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 10

Getachew,

AREVA NP Inc. letter NRC:11:072 dated July 5, 2011 provides a technically correct and complete final response to 1 of the 3 remaining questions in RAI 407 (i.e., Question 03.09.02-76). 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 — 03.09.02-76	2	6

The schedule for the technically correct and complete response to the remaining 2 questions is unchanged as provided below.

Question #	Schedule
RAI 407 — 03.09.02-69	July 13, 2011
RAI 407 — 03.09.02-71	July 13, 2011

Sincerely,

Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.

7207 IBM Drive, Mail Code CLT 2B
Charlotte, NC 28262
Phone: 704-805-2223
Email: Dennis.Williford@areva.com

From: WILLIFORD Dennis (RS/NB)
Sent: Monday, June 06, 2011 3:32 PM
To: 'Tesfaye, Getachew'
Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); HAMMOND Philip (RS/PT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch. 3, Supplement 9

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 by Supplement 7 on April 7, 2011 and by Supplement 8 on May 11, 2011 to allow additional time for AREVA NP to address NRC comments.

The schedule for final responses to the remaining 3 questions is being revised. The revised schedule is provided below.

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

Sincerely,

Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.

7207 IBM Drive, Mail Code CLT 2B
Charlotte, NC 28262
Phone: 704-805-2223
Email: Dennis.Williford@areva.com

From: WELLS Russell (RS/NB)
Sent: Wednesday, May 11, 2011 1:05 PM

To: 'Tesfaye, Getachew'

Cc: HAMMOND Philip (RS/PT); 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 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

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

From: WELLS Russell (RS/NB)

Sent: Monday, March 14, 2011 1:21 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 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: 'Tsfaye, 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: Tsfaye, 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
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: 'Tefaye, 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
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: 3720

Mail Envelope Properties (2FBE1051AEB2E748A0F98DF9EEE5A5D4AA0325)

Subject: Response to U.S. EPR Design Certification Application RAI No. 407, FSAR Ch.
3, Supplement 16
Sent Date: 1/25/2012 5:12:08 PM
Received Date: 1/25/2012 5:12:43 PM
From: WILLIFORD Dennis (AREVA)

Created By: Dennis.Williford@areva.com

Recipients:
"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
"WELLS Russell (AREVA)" <Russell.Wells@areva.com>
Tracking Status: None
"Miernicki, Michael" <Michael.Miernicki@nrc.gov>
Tracking Status: None
"Tsfaye, Getachew" <Getachew.Tsfaye@nrc.gov>
Tracking Status: None

Post Office: auscharm02.adom.ad.corp

Files	Size	Date & Time
MESSAGE	33920	1/25/2012 5:12:43 PM

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