

## ArevaEPRDCPEm Resource

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**From:** WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]  
**Sent:** Friday, June 28, 2013 7:51 PM  
**To:** Snyder, Amy  
**Cc:** Miernicki, Michael; ANDERSON Katherine (EXTERNAL AREVA); DELANO Karen (AREVA); LEIGHLITER John (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); HONMA George (EXTERNAL AREVA)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 448, FSAR Ch. 3, Supplement 10  
**Importance:** High

Amy,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 448 on November 22, 2010. On February 11, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for the final responses. On March 17, 2011, AREVA NP submitted Supplement 2 to provide a final response to Question 03.08.01-55 and a revised schedule for the final responses to Questions 03.08.01-49, 03.08.01-50, 03.08.01-51, 03.08.01-52, 03.08.01-53 and 03.08.01-54. On April 27, 2011, AREVA NP submitted Supplement 3 to provide final responses to Questions 03.08.01-53 and 03.08.01-54 and a revised schedule for Questions 03.08.01-50, 03.08.01-51 and 03.08.01-52. On May 12, 2011, AREVA NP submitted Supplement 4 to provide a revised schedule for Question 03.08.01-49. On May 20, 2011, AREVA NP submitted Supplement 5 to provide a final response to Question 03.08.01-50. On June 8, 2011, AREVA NP submitted Supplement 6 to provide a final response to Question 03.08.01-49. On July 7, 2011, AREVA NP submitted Supplement 7 to revise the schedule for providing a response to the remaining 2 questions. On July 13, 2011, AREVA NP submitted Supplement 8 to provide a final response to Questions 03.08.01-51 and 03.08.01-52. On August 19, 2011, AREVA NP submitted Supplement 9 to provide a revised final response to Question 03.08.01-51.

As discussed with NRC staff during a conference call on June 11, 2013, AREVA NP committed to provide NRC a schedule for a revised final response to Question 03.08.01-49.

The schedule for a technically correct and complete revised response to Question 03.08.01-49 is provided below.

Question #	Advanced Response Date	NRC Comment Request Date	Final Response Date
RAI 448 — 03.08.01-49	June 28, 2013	July 16, 2013	August 1, 2013

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](mailto:Dennis.Williford@areva.com)

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**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Friday, August 19, 2011 3:04 PM  
**To:** [Getachew.Tesfaye@nrc.gov](mailto:Getachew.Tesfaye@nrc.gov)

**Cc:** 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. 448, FSAR Ch. 3, Supplement 9

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 448 on November 22, 2010. On February 11, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for the final responses. On March 17, 2011, AREVA NP submitted Supplement 2 to provide a final response to Question 03.08.01-55 and a revised schedule for the final responses to Questions 03.08.01-49, 03.08.01-50, 03.08.01-51, 03.08.01-52, 03.08.01-53 and 03.08.01-54. On April 27, 2011, AREVA NP submitted Supplement 3 to provide final responses to Questions 03.08.01-53 and 03.08.01-54 and a revised schedule for Questions 03.08.01-50, 03.08.01-51 and 03.08.01-52. On May 12, 2011, AREVA NP submitted Supplement 4 to provide a revised schedule for Question 03.08.01-49. On May 20, 2011, AREVA NP submitted Supplement 5 to provide a final response to Question 03.08.01-50. On June 8, 2011, AREVA NP submitted Supplement 6 to provide a final response to Question 03.08.01-49. On July 7, 2011, AREVA NP submitted Supplement 7 to revise the schedule for providing a response to the remaining 2 questions. On July 13, 2011, AREVA NP submitted Supplement 8 to provide a final response to Questions 03.08.01-51 and 03.08.01-52.

The attached file, "RAI 448 Supplement 9 Response US EPR DC.pdf" provides a revised technically correct and complete FINAL response to Question 03.08.01-51. This response has been revised based on discussions with NRC staff. 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 448 Question 03.08.01-51.

The following table indicates the pages in the response document, "RAI 448 Supplement 9 Response US EPR DC.pdf" that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 448 — 03.08.01-51	2	10

This concludes the formal AREVA NP response to RAI 448, 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](mailto:Dennis.Williford@areva.com)

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**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Wednesday, July 13, 2011 2:28 PM  
**To:** Tesfaye, Getachew  
**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); Miernicki, Michael  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 448, FSAR Ch. 3, Supplement 8

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 448 on November 22, 2010. On February 11, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for the final responses. On March 17, 2011, AREVA NP submitted Supplement 2 to provide a final

response to Question 03.08.01-55 and a revised schedule for the final responses to Questions 03.08.01-49, 03.08.01-50, 03.08.01-51, 03.08.01-52, 03.08.01-53 and 03.08.01-54. On April 27, 2011, AREVA NP submitted Supplement 3 to provide final responses to Questions 03.08.01-53 and 03.08.01-54 and a revised schedule for Questions 03.08.01-50, 03.08.01-51 and 03.08.01-52. On May 12, 2011, AREVA NP submitted Supplement 4 to provide a revised schedule for Question 03.08.01-49. On May 20, 2011, AREVA NP submitted Supplement 5 to provide a final response to Question 03.08.01-50. On June 8, 2011, AREVA NP submitted Supplement 6 to provide a final response to Question 03.08.01-49. On July 7, 2011, AREVA NP submitted Supplement 7 to revise the schedule for providing a response to the remaining 2 questions.

The attached file, "RAI 448 Supplement 8 Response US EPR DC.pdf" provides a technically correct and complete FINAL response to Questions 03.08.01-51 and 03.08.01-52, as committed. 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 448 Question 03.08.01-51.

The following table indicates the pages in the response document, "RAI 448 Supplement 8 Response US EPR DC.pdf" that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 448 — 03.08.01-51	2	10
RAI 448 — 03.08.01-52	11	15

This concludes the formal AREVA NP response to RAI 448, 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](mailto:Dennis.Williford@areva.com)

---

**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Thursday, July 07, 2011 4:28 PM  
**To:** Tesfaye, Getachew  
**Cc:** 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. 448, FSAR Ch. 3, Supplement 7

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 448 on November 22, 2010. On February 11, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for the final responses. On March 17, 2011, AREVA NP submitted Supplement 2 to provide a final response to Question 03.08.01-55 and a revised schedule for the final responses to Questions 03.08.01-49, 03.08.01-50, 03.08.01-51, 03.08.01-52, 03.08.01-53 and 03.08.01-54. On April 27, 2011, AREVA NP submitted Supplement 3 to provide final responses to Questions 03.08.01-53 and 03.08.01-54 and a revised schedule for Questions 03.08.01-50, 03.08.01-51 and 03.08.01-52. On May 12, 2011, AREVA NP submitted Supplement 4 to provide a revised schedule for Question 03.08.01-49. On May 20, 2011, AREVA NP submitted Supplement 5 to provide a final response to Question 03.08.01-50. On June 8, 2011, AREVA NP submitted Supplement 6 to provide a final response to Question 03.08.01-49.

The schedule for the remaining questions has been changed as provided below.

Question #	Response Date
RAI 448 — 03.08.01-51	July 15, 2011
RAI 448 — 03.08.01-52	July 15, 2011

Sincerely,

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

7207 BM Drive, Mail Code CLT 2B  
Charlotte, NC 28262  
Phone: 704-805-2223  
Email: [Dennis.Williford@areva.com](mailto:Dennis.Williford@areva.com)

---

**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Wednesday, June 08, 2011 8:14 AM  
**To:** Tesfaye, Getachew  
**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); CORNELL Veronica (External RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 448, FSAR Ch. 3, Supplement 6

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 448 on November 22, 2010. On February 11, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for the final responses. On March 17, 2011, AREVA NP submitted Supplement 2 to provide a final response to Question 03.08.01-55 and a revised schedule for the final responses to Questions 03.08.01-49, 03.08.01-50, 03.08.01-51, 03.08.01-52, 03.08.01-53 and 03.08.01-54. On April 27, 2011, AREVA NP submitted Supplement 3 to provide final responses to Questions 03.08.01-53 and 03.08.01-54 and a revised schedule for Questions 03.08.01-50, 03.08.01-51 and 03.08.01-52. On May 12, 2011, AREVA NP submitted Supplement 4 to provide a revised schedule for Question 03.08.01-49. On May 20, 2011, AREVA NP submitted Supplement 5 to provide a final response to Question 03.08.01-50.

The attached file, "RAI 448 Supplement 6 Response US EPR DC.pdf" provides a technically correct and complete FINAL response to Question 03.08.01-49, as committed. 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 448 Question 03.08.01-49.

The following table indicates the page in the response document, "RAI 448 Supplement 6 Response US EPR DC.pdf" that contains AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 448 — 03.08.01-49	2	10

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

Question #	Response Date
RAI 448 — 03.08.01-51	July 8, 2011
RAI 448 — 03.08.01-52	July 8, 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](mailto:Dennis.Williford@areva.com)

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**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Friday, May 20, 2011 1:48 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); CORNELL Veronica (External RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 448, FSAR Ch. 3, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 448 on November 22, 2010. On February 11, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for the final responses. On March 17, 2011, AREVA NP submitted Supplement 2 to provide a final response to Question 03.08.01-55 and a revised schedule for the final responses to Questions 03.08.01-49, 03.08.01-50, 03.08.01-51, 03.08.01-52, 03.08.01-53 and 03.08.01-54. On April 27, 2011, AREVA NP submitted Supplement 3 to provide final responses to Questions 03.08.01-53 and 03.08.01-54 and a revised schedule for Questions 03.08.01-50, 03.08.01-51 and 03.08.01-52. On May 12, 2011, AREVA NP submitted Supplement 4 to provide a revised schedule for Question 03.08.01-49.

The attached file, "RAI 448 Supplement 5 Response US EPR DC.pdf" provides a technically correct and complete final response to Question 03.08.01-50, as committed. 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 448 Question 03.08.01-50.

The following table indicates the page in the response document, "RAI 448 Supplement 5 Response US EPR DC.pdf" that contains AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 448 — 03.08.01-50	2	6

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

Question #	Response Date
RAI 448 — 03.08.01-49	June 10, 2011
RAI 448 — 03.08.01-51	July 8, 2011
RAI 448 — 03.08.01-52	July 8, 2011

Sincerely,

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

7207 IBM Drive, Mail Code CLT 2B

---

**From:** WELLS Russell (RS/NB)  
**Sent:** Thursday, May 12, 2011 7:30 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** CORNELL Veronica (External RS/NB); 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. 448, FSAR Ch. 3, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 448 on November 22, 2010. To allow additional time to finalize the responses and interact with NRC staff, the schedule has been revised. On February 11, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for the final responses. On March 17, 2011, AREVA NP submitted Supplement 2 to provide a final response to Question 03.08.01-55 and a revised schedule for the final responses to Questions 03.08.01-49, 03.08.01-50, 03.08.01-51, 03.08.01-52, 03.08.01-53 and 03.08.01-54. On April 27, 2011, AREVA NP submitted Supplement 3 to provide final responses to Questions 03.08.01-53 and 03.08.01-54 and a revised schedule for Questions 03.08.01-50, 03.08.01-51 and 03.08.01-52.

The schedule for Question 03.08.01-49 is being revised. The schedule for the remaining questions is unchanged.

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

Question #	Response Date
RAI 448 — 03.08.01-49	<b>June 10, 2011</b>
RAI 448 — 03.08.01-50	May 24, 2011
RAI 448 — 03.08.01-51	July 8, 2011
RAI 448 — 03.08.01-52	July 8, 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)

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**From:** WELLS Russell (RS/NB)  
**Sent:** Wednesday, April 27, 2011 5:04 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** CORNELL Veronica (External RS/NB); 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. 448, FSAR Ch. 3, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 448 on November 22, 2010. To allow additional time to finalize the responses and interact with NRC staff, the schedule has been revised. On February 11, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for the final responses. On March 17, 2011, AREVA NP submitted Supplement 2 to provide a final response to Question 03.08.01-55 and a revised schedule for the final responses to Questions 03.08.01-49, 03.08.01-50, 03.08.01-51, 03.08.01-52, 03.08.01-53 and 03.08.01-54.

The attached file, "RAI 448 Supplement 3 Response US EPR DC.pdf" provides technically correct and complete FINAL responses to Questions 03.08.01-53 and 03.08.01-54, as committed.

The following table indicates the page in the response document, "RAI 448 Supplement 3 Response US EPR DC.pdf" that contains AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 448 — 03.08.01-53	2	3
RAI 448 — 03.08.01-54	4	8

The schedule for Question 03.08.01-50 is being revised to allow additional time for AREVA NP to interact with the NRC. The schedule for Questions 03.08.01-51 and 03.08.01-52 is being revised to allow AREVA NP additional time to address NRC Comments. The schedule for the remaining question is unchanged.

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

Question #	Response Date
RAI 448 — 03.08.01-49	May 16, 2011
RAI 448 — 03.08.01-50	<b>May 24, 2011</b>
RAI 448 — 03.08.01-51	<b>July 8, 2011</b>
RAI 448 — 03.08.01-52	<b>July 8, 2011</b>

*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)*

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**From:** WELLS Russell (RS/NB)

**Sent:** Thursday, March 17, 2011 10:55 AM

**To:** 'Tesfaye, Getachew'

**Cc:** CORNELL Veronica (External RS/NB); 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. 448, FSAR Ch. 3, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 448 on November 22, 2010. To allow additional time to finalize the responses and interact with NRC staff, the schedule has been revised. On February 11, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for the final responses.

The attached file, "RAI 448 Supplement 2 Response US EPR DC.pdf" provides a technically correct and complete FINAL response to question 03.08.01-55, as committed.

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 448 Question 03.08.01-55.

The following table indicates the page in the response document, "RAI 448 Supplement 2 Response US EPR DC.pdf" that contains AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 448 — 03.08.01-55	2	2

The schedule for Questions 03.08.01-49, 03.08.01-50, 03.08.01-51, 03.08.01-52, 03.08.01-53 and 03.08.01-54 is revised to allow additional time for AREVA NP to interact with the NRC.

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

Question #	Response Date
RAI 448 — 03.08.01-49	May 16, 2011
RAI 448 — 03.08.01-50	April 27, 2011
RAI 448 — 03.08.01-51	April 27, 2011
RAI 448 — 03.08.01-52	April 27, 2011
RAI 448 — 03.08.01-53	April 27, 2011
RAI 448 — 03.08.01-54	April 27, 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)

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**From:** BRYAN Martin (External RS/NB)

**Sent:** Friday, February 11, 2011 3:18 PM

**To:** 'Tefaye, 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. 448, FSAR Ch. 3, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 448 on November 22, 2010. To allow additional time to finalize the responses and interact with NRC staff, the schedule has been revised.

The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 448 — 03.08.01-49	March 25, 2011
RAI 448 — 03.08.01-50	March 18, 2011
RAI 448 — 03.08.01-51	March 18, 2011
RAI 448 — 03.08.01-52	March 18, 2011
RAI 448 — 03.08.01-53	March 18, 2011
RAI 448 — 03.08.01-54	March 18, 2011
RAI 448 — 03.08.01-55	March 18, 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](mailto:Martin.Bryan.ext@areva.com)

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**From:** BRYAN Martin (External RS/NB)  
**Sent:** Monday, November 22, 2010 10:13 AM  
**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. 448, FSAR Ch. 3

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 448 Response US EPR DC.pdf" provides a schedule since a technically correct and complete response to the 7 questions can not be provided at this time.

The following table indicates the respective pages in the response document, "RAI 448 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 448 — 03.08.01-49	2	3
RAI 448 — 03.08.01-50	4	5
RAI 448 — 03.08.01-51	6	7
RAI 448 — 03.08.01-52	8	8
RAI 448 — 03.08.01-53	9	9

RAI 448 — 03.08.01-54	10	11
RAI 448 — 03.08.01-55	12	12

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

Question #	Response Date
RAI 448 — 03.08.01-49	February 28, 2011
RAI 448 — 03.08.01-50	February 28, 2011
RAI 448 — 03.08.01-51	February 28, 2011
RAI 448 — 03.08.01-52	February 28, 2011
RAI 448 — 03.08.01-53	February 28, 2011
RAI 448 — 03.08.01-54	February 28, 2011
RAI 448 — 03.08.01-55	February 28, 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](mailto:Martin.Bryan.ext@areva.com)

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**From:** Tesfaye, Getachew [<mailto:Getachew.Tesfaye@nrc.gov>]  
**Sent:** Monday, October 25, 2010 4:41 PM  
**To:** ZZ-DL-A-USEPR-DL  
**Cc:** Xu, Jim; Hawkins, Kimberly; Miernicki, Michael; Colaccino, Joseph; ArevaEPRDCPEm Resource  
**Subject:** U.S. EPR Design Certification Application RAI No. 448 (4898, 5084),FSAR Ch. 3

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on September 17, 2010, and discussed with your staff on October 25, 2010. No changes were made to the draft RAI as a result of that discussion. 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:** 4585

**Mail Envelope Properties** (554210743EFE354B8D5741BEB695E6561AA06D)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 448, FSAR Ch. 3, Supplement 10  
**Sent Date:** 6/28/2013 7:51:28 PM  
**Received Date:** 6/28/2013 7:51:38 PM  
**From:** WILLIFORD Dennis (AREVA)

**Created By:** Dennis.Williford@areva.com

**Recipients:**

"Miernicki, Michael" <Michael.Miernicki@nrc.gov>

Tracking Status: None

"ANDERSON Katherine (EXTERNAL AREVA)" <katherine.anderson.ext@areva.com>

Tracking Status: None

"DELANO Karen (AREVA)" <Karen.Delano@areva.com>

Tracking Status: None

"LEIGHLITER John (AREVA)" <John.Leighliter@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

"HONMA George (EXTERNAL AREVA)" <George.Honma.ext@areva.com>

Tracking Status: None

"Snyder, Amy" <Amy.Snyder@nrc.gov>

Tracking Status: None

**Post Office:** FUSLYNCMX03.fdom.ad.corp

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	24873	6/28/2013 7:51:38 PM

**Options**

**Priority:** High

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**