

## ArevaEPRDCPEm Resource

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**From:** WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]  
**Sent:** Tuesday, February 26, 2013 1:09 PM  
**To:** Snyder, Amy  
**Cc:** Miernicki, Michael; DELANO Karen (AREVA); LEIGHLITER John (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); WILLS Tiffany (AREVA)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 201, FSAR Ch. 3, Supplement 5

Amy,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 201 on May 6, 2009. On August 14, 2009, AREVA NP submitted Supplement 1 to provide technically correct and complete responses to 4 questions, as committed. On May 24, 2011, AREVA NP submitted Supplement 2 to provide a schedule for the resubmittal of the previously submitted final response to Question 03.07.02-35 that required revision. On June 29, 2011, AREVA NP submitted Supplement 3 to provide a revised response to Questions 03.07.02-35 and 03.07.01-19 as committed. On July 8, 2011, AREVA NP submitted Supplement 4 to provide a revised response to Question 03.07.02-37.

As provided in AREVA NP Inc. letter NRC:12:072 dated December 20, 2012 which transmitted the U.S. EPR Revised Closure Plan for Civil/Structural Open Items, AREVA NP committed to provide NRC a revised response and schedule to the previously submitted final response to Question 03.07.02-35.

The schedule for a technically correct and complete revised response to Question 03.07.02-35 is provided below.

Question #	Response Date
RAI 201 — 03.07.02-35	<b>July 12, 2013</b>

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, July 08, 2011 9:33 AM  
**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. 201, FSAR Ch. 3, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 201 on May 6, 2009. On August 14, 2009, AREVA NP submitted Supplement 1 to provide technically correct and complete responses to 4 questions, as committed. On May 24, 2011, AREVA NP submitted Supplement 2 to provide a schedule for the resubmittal of the previously submitted final response to Question 03.07.02-35 that required revision.

On June 29, 2011, AREVA NP submitted Supplement 3 to provide a revised response to Questions 03.07.02-35 and 03.07.01-19 as committed.

The response to Question 03.07.02-37 is superseded by the response to RAI 320 Question 03.07.02-63. The attached file, "RAI 201 Supplement 4 Response US EPR DC.pdf" provides the revised response.

The following table indicates the respective pages in the response document, "RAI 201 Supplement 4 Response US EPR DC.pdf," that contain AREVA NP's revised response to the subject question.

Question #	Start Page	End Page
RAI 201 — 03.07.02-37	2	3

This concludes the formal AREVA NP response to RAI 201 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  
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**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Wednesday, June 29, 2011 5:28 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. 201, FSAR Ch. 3, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 201 on May 6, 2009. On August 14, 2009, AREVA NP submitted Supplement 1 to provide technically correct and complete responses to 4 questions, as committed.

As a result of a U.S. EPR design change to embedded NI common basemat structures, the previously submitted final response to Question 03.07.02-35 is been revised. On May 24, 2011, AREVA NP submitted Supplement 2 to provide a revised schedule for Question 03.07.02-35. The response to Question 03.07.01-19 is superseded by the response to RAI 320 Question 03.07.02-63.

The attached file, "RAI 201 Supplement 3 Response US EPR DC.pdf" provides a technically correct and complete revised final response to Question 03.07.01-19 and a final response to Question 03.07.02-35.

The following table indicates the respective pages in the response document, "RAI 201 Supplement 3 Response US EPR DC.pdf," that contain AREVA NP's revised response to the subject question.

Question #	Start Page	End Page
RAI 201 — 03.07.01-19	2	2
RAI 201 — 03.07.02-35	3	17

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  
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**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Tuesday, May 24, 2011 12:17 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. 201, FSAR Ch. 3, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 201 on May 6, 2009. On August 14, 2009, AREVA NP submitted Supplement 1 to provide technically correct and complete responses to 4 questions, as committed.

The final response to Question 03.07.02-35 was submitted in Supplement 1. As a result of a U.S. EPR design change to embedded NI common basemat structures, the previously submitted final response to Question 03.07.02-35 will be revised.

The schedule for the technically correct and complete revised response to question 03.07.02-35 is provided below.

Question #	Response Date
RAI 201 — 03.07.02-35	<b>July 8, 2011</b>

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  
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**From:** Pederson Ronda M (AREVA NP INC)  
**Sent:** Friday, August 14, 2009 5:23 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); VAN NOY Mark (EXT)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 201, FSAR Ch. 3, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 3 of the 7 questions of RAI No. 201 on May 6, 2009. The attached file, "RAI 201 Supplement 1 Response US EPR DC.pdf" provides technically correct and complete responses to 4 of the remaining 4 questions, 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 201 Question 03.07.02-37.

The following table indicates the respective pages in the response document, "RAI 201 Supplement 1 Response US EPR DC.pdf" that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 03.07.01-19	2	2
RAI 03.07.02-35	3	14
RAI 03.07.02-36	15	15
RAI 03.07.02-37	16	17

This concludes the formal AREVA NP response to RAI 201 and there are no questions from this RAI for which AREVA NP has not provided responses.

Sincerely,

*Ronda Pederson*

[ronda.pederson@areva.com](mailto:ronda.pederson@areva.com)

Licensing Manager, U.S. EPR Design Certification

**AREVA NP Inc.**

An AREVA and Siemens company

3315 Old Forest Road

Lynchburg, VA 24506-0935

Phone: 434-832-3694

Cell: 434-841-8788

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**From:** Pederson Ronda M (AREVA NP INC)

**Sent:** Wednesday, May 06, 2009 3:16 PM

**To:** 'Getachew Tesfaye'

**Cc:** BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); VAN NOY Mark (EXT); WELLS Russell D (AREVA NP INC)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 201, FSAR Ch. 3

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 201 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 supports the response to RAI 201 Question 03.02.01-10.

The following table indicates the respective pages in the response document, "RAI 201 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 201 — 03.02.01-8	2	3

RAI 201 — 03.02.01-9	4	5
RAI 201 — 03.02.01-10	6	6
RAI 201 — 03.07.01-19	7	7
RAI 201 — 03.07.02-35	8	8
RAI 201 — 03.07.02-36	9	9
RAI 201 — 03.07.02-37	10	10

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

Question #	Response Date
RAI 201 — 03.07.01-19	August 17, 2009
RAI 201 — 03.07.02-35	August 17, 2009
RAI 201 — 03.07.02-36	August 17, 2009
RAI 201 — 03.07.02-37	August 17, 2009

Sincerely,

*Ronda Pederson*

[ronda.pederson@areva.com](mailto:ronda.pederson@areva.com)

Licensing Manager, U.S. EPR Design Certification

**AREVA NP Inc.**

An AREVA and Siemens company

3315 Old Forest Road

Lynchburg, VA 24506-0935

Phone: 434-832-3694

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**From:** Getachew Tesfaye [<mailto:Getachew.Tesfaye@nrc.gov>]

**Sent:** Wednesday, April 08, 2009 1:13 PM

**To:** ZZ-DL-A-USEPR-DL

**Cc:** Yuken Wong; Jennifer Dixon-Herrity; Manas Chakravorty; Jim Xu; Michael Miernicki; Joseph Colaccino; ArevaEPRDCPEm Resource

**Subject:** U.S. EPR Design Certification Application RAI No. 201 (2123, 2206,2207), FSAR Ch. 3

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on March 12, 2009, and discussed with your staff on April 1, 2009. No changes were made to the Draft RAI Questions 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:** 4235

**Mail Envelope Properties** (554210743EFE354B8D5741BEB695E6560E742F)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 201, FSAR Ch. 3, Supplement 5  
**Sent Date:** 2/26/2013 1:09:26 PM  
**Received Date:** 2/26/2013 1:09:35 PM  
**From:** WILLIFORD Dennis (AREVA)

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

**Recipients:**

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Tracking Status: None  
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"LEIGHLITER John (AREVA)" <John.Leighliter@areva.com>  
Tracking Status: None  
"ROMINE Judy (AREVA)" <Judy.Romine@areva.com>  
Tracking Status: None  
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Tracking Status: None  
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<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	11002	2/26/2013 1:09:35 PM

**Options**

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