

## ArevaEPRDCPEm Resource

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**From:** WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]  
**Sent:** Wednesday, January 18, 2012 1:23 PM  
**To:** Tesfaye, Getachew  
**Cc:** BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); HOLM Jerald (EXTERNAL AREVA)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 403, FSARCh. 15, Supplement 7

Getachew,

AREVA NP provided a schedule for responding to the 16 questions in RAI 403 in an email on June 30, 2010. A revised schedule was provided in Supplement 1 on November 24, 2010, Supplement 2 on February 24, 2011, and Supplement 3 on April 22, 2011. A final response to 10 questions (Questions 15.06.05-64, -65, -67, -69, -71, -72, -73, -75, -76 and -77) was provided in Supplement 4 on May 31, 2011. Supplement 5 sent on July 12, 2011 and Supplement 6 sent on November 23, 2011 provided a revised schedule for the remaining 6 questions.

AREVA NP's schedule for providing a technically correct and complete response to the remaining 6 questions in RAI 403 has been changed as provided below. A preliminary revised schedule for technically correct and complete responses to Questions 15.06.05-61, 62 and 63 is provided below. The preliminary schedule for providing a response to Questions 15.06.05-61, 62 and 63 is being reevaluated and a new supplement with a revised schedule for these 3 questions will be transmitted by February 21, 2012. The schedule for a technically correct and complete final response to Question 15.06.05-68 is unchanged as provided below.

Question #	Response Date
RAI 403 — 15.06.05-61	<b>February 21, 2012</b>
RAI 403 — 15.06.05-62	<b>February 21, 2012</b>
RAI 403 — 15.06.05-63	<b>February 21, 2012</b>
RAI 403 — 15.06.05-66	<b>March 20, 2012</b>
RAI 403 — 15.06.05-68	March 9, 2012
RAI 403 — 15.06.05-70	<b>March 20, 2012</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:** Wednesday, November 23, 2011 1:22 PM  
**To:** Getachew.Tesfaye@nrc.gov  
**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); HOLM Jerald (External RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 403, FSARCh. 15, Supplement 6

Getachew,

AREVA NP provided a schedule for responding to the 16 questions in RAI 403 in an email on June 30, 2010. A revised schedule was provided in Supplement 1 on November 24, 2010, Supplement 2 on February 24, 2011, and Supplement 3 on April 22, 2011. A final response to 10 questions (Questions 15.06.05-64, -65, -67, -69, -71, -72, -73, -75, -76 and -77) was provided in Supplement 4 on May 31, 2011. Supplement 5 was sent on July 12, 2011 to provide a revised schedule for the remaining 6 questions.

AREVA NP's schedule for providing a technically correct and complete response to the remaining 6 questions in RAI 403 has been changed as provided below. This includes a preliminary revised schedule for the response to Questions 15.06.05-61, 15.06.05-62, and 15.06.05-63. The schedule for these 3 questions will be updated following further discussions with NRC staff prior to the date given below.

<b>Question #</b>	<b>Response Date</b>
RAI 403 — 15.06.05-61	<b>February 10, 2012</b>
RAI 403 — 15.06.05-62	<b>February 10, 2012</b>
RAI 403 — 15.06.05-63	<b>February 10, 2012</b>
RAI 403 — 15.06.05-66	<b>January 20, 2012</b>
RAI 403 — 15.06.05-68	<b>March 9, 2012</b>
RAI 403 — 15.06.05-70	<b>January 20, 2012</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:** Tuesday, July 12, 2011 10:22 AM

**To:** 'Tefaye, Getachew'

**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); HOLM Jerald (External RS/NB)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 403, FSARCh. 15, Supplement 5

Getachew,

AREVA NP provided a schedule for responding to the 16 questions in RAI 403 in an email on June 30, 2010. A revised schedule was provided in Supplement 1 on November 24, 2010, Supplement 2 on February 24, 2011, and Supplement 3 on April 22, 2011. A final response to 10 questions (Questions 15.06.05-64, -65, -67, -69, -71, -72, -73, -75, -76 and -77) was provided in Supplement 4 on May 31, 2011.

AREVA NP's schedule for providing a technically correct and complete response to the remaining 6 questions in RAI 403 has been changed as provided below.

<b>Question #</b>	<b>Response Date</b>
RAI 403 — 15.06.05-61	<b>November 23, 2011</b>
RAI 403 — 15.06.05-62	<b>November 23, 2011</b>
RAI 403 — 15.06.05-63	<b>November 23, 2011</b>
RAI 403 — 15.06.05-66	<b>November 23, 2011</b>
RAI 403 — 15.06.05-68	<b>November 23, 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  
 Phone: 704-805-2223  
 Email: [Dennis.Williford@areva.com](mailto:Dennis.Williford@areva.com)

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**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Tuesday, May 31, 2011 6:05 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); HOLM Jerald (External RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 403, FSARCh. 15, Supplement 4

Getachew,

AREVA NP Inc. letter NRC 11:052 dated May 31, 2011 provides a technically correct and complete response to 10 of the 16 remaining questions in RAI 403. 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 questions.

Question #	Start Page	End Page
RAI 403 — 15.06.05-64	2	12
RAI 403 — 15.06.05-65	13	16
RAI 403 — 15.06.05-67	17	25
RAI 403 — 15.06.05-69	26	29
RAI 403 — 15.06.05-71	30	31
RAI 403 — 15.06.05-72	32	33
RAI 403 — 15.06.05-73	34	40
RAI 403 — 15.06.05-75	41	42
RAI 403 — 15.06.05-76	43	44
RAI 403 — 15.06.05-77	45	54

A preliminary schedule for technically correct and complete responses to the remaining 6 questions is provided below. This schedule is being reevaluated and a new supplement with a revised schedule will be transmitted as soon as practicable but no later than July 12, 2011.

Question #	Schedule
RAI 403 — 15.06.05-61	July 12, 2011
RAI 403 — 15.06.05-62	July 12, 2011
RAI 403 — 15.06.05-63	July 12, 2011
RAI 403 — 15.06.05-66	July 12, 2011
RAI 403 — 15.06.05-68	July 12, 2011
RAI 403 — 15.06.05-70	July 12, 2011

RAI 403 — 15.06.05-74	Question Deleted By NRC
RAI 403 — 15.06.05-78	Question Deleted By NRC

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:** WELLS Russell (RS/NB)  
**Sent:** Friday, April 22, 2011 4:07 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** HOLM Jerald (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. 403, FSARCh. 15, Supplement 3

Getachew,

AREVA NP provided a schedule for responding to RAI 403 in an email on June 30, 2010. A revised schedule was provided on November 24, 2010 and February 24, 2011.

To allow time for interaction between AREVA and the NRC staff, a revised schedule for submittal of the final response is provided in this e-mail.

AREVA NP's schedule for providing a technically correct and complete response to all questions in RAI 403 is provided below.

Question #	Schedule
RAI 403 — 15.06.05-61	July 12, 2011
RAI 403 — 15.06.05-62	July 12, 2011
RAI 403 — 15.06.05-63	July 12, 2011
RAI 403 — 15.06.05-64	May 31, 2011
RAI 403 — 15.06.05-65	May 31, 2011
RAI 403 — 15.06.05-66	May 31, 2011
RAI 403 — 15.06.05-67	May 31, 2011
RAI 403 — 15.06.05-68	May 31, 2011
RAI 403 — 15.06.05-69	May 31, 2011
RAI 403 — 15.06.05-70	May 31, 2011
RAI 403 — 15.06.05-71	May 31, 2011
RAI 403 — 15.06.05-72	May 31, 2011
RAI 403 — 15.06.05-73	May 31, 2011
RAI 403 — 15.06.05-74	Question Deleted By NRC
RAI 403 — 15.06.05-75	May 31, 2011
RAI 403 — 15.06.05-76	May 31, 2011
RAI 403 — 15.06.05-77	May 31, 2011
RAI 403 — 15.06.05-78	Question Deleted By

*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, February 24, 2011 9:27 AM

**To:** 'Tesfaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BRYAN Martin (External RS/NB); BENNETT Kathy (RS/NB); HOLM Jerald (External RS/NB)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 403, FSARCh. 15, Supplement 2

Getachew,

AREVA NP provided a schedule for responding to RAI 403 in an email on June 30, 2010. A revised schedule was provided on November 24, 2010. A draft response to Questions 64 to 77 was provided on November 29, 2010.

To allow time for interaction between AREVA and the NRC staff, a revised schedule for submittal of the final response is provided in this e-mail.

AREVA NP's schedule for providing a technically correct and complete response to all questions in RAI 403 is provided below.

<b>Question #</b>	<b>Schedule</b>
RAI 403 — 15.06.05-61	July 12, 2011
RAI 403 — 15.06.05-62	July 12, 2011
RAI 403 — 15.06.05-63	July 12, 2011
RAI 403 — 15.06.05-64	April 29, 2011
RAI 403 — 15.06.05-65	April 29, 2011
RAI 403 — 15.06.05-66	April 29, 2011
RAI 403 — 15.06.05-67	April 29, 2011
RAI 403 — 15.06.05-68	April 29, 2011
RAI 403 — 15.06.05-69	April 29, 2011
RAI 403 — 15.06.05-70	April 29, 2011
RAI 403 — 15.06.05-71	April 29, 2011
RAI 403 — 15.06.05-72	April 29, 2011
RAI 403 — 15.06.05-73	April 29, 2011
RAI 403 — 15.06.05-74	Question Deleted By NRC

RAI 403 — 15.06.05-75	April 29, 2011
RAI 403 — 15.06.05-76	April 29, 2011
RAI 403 — 15.06.05-77	April 29, 2011
RAI 403 — 15.06.05-78	Question Deleted By NRC

*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:** Wednesday, November 24, 2010 3:10 PM

**To:** 'Tesfaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); HOLM Jerald (External RS/NB)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 403, FSARCh. 15, Supplement 1

Getachew,

AREVA NP provided a schedule for responding to RAI 403 in an email on June 30, 2010. A revised schedule is being provided to finalize the response and allow time to interact with the NRC.

AREVA NP's schedule for providing a technically correct and complete response to all questions in RAI 403 is provided below.

<b>Question #</b>	<b>Schedule</b>
RAI 403 — 15.06.05-61	February 28, 2011
RAI 403 — 15.06.05-62	February 28, 2011
RAI 403 — 15.06.05-63	February 28, 2011
RAI 403 — 15.06.05-64	February 28, 2011
RAI 403 — 15.06.05-65	February 28, 2011
RAI 403 — 15.06.05-66	February 28, 2011
RAI 403 — 15.06.05-67	February 28, 2011
RAI 403 — 15.06.05-68	February 28, 2011
RAI 403 — 15.06.05-69	February 28, 2011
RAI 403 — 15.06.05-70	February 28, 2011
RAI 403 — 15.06.05-71	February 28, 2011
RAI 403 — 15.06.05-72	February 28, 2011
RAI 403 — 15.06.05-73	February 28, 2011
RAI 403 — 15.06.05-74	Question Deleted By NRC
RAI 403 — 15.06.05-75	February 28, 2011

RAI 403 — 15.06.05-76	February 28, 2011
RAI 403 — 15.06.05-77	February 28, 2011
RAI 403 — 15.06.05-78	Question Deleted By NRC

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 (EXT)  
**Sent:** Wednesday, June 30, 2010 7:22 PM  
**To:** 'Tefaye, Getachew'  
**Cc:** DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); HOLM Jerald S (EXT)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 403, FSARCh. 15

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 403 Response US EPR DC.pdf" provides a schedule for a response to all of the questions.

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

Question #	Response Date
RAI 403—15.06.05-61	November 30, 2010
RAI 403—15.06.05-62	November 30, 2010
RAI 403—15.06.05-63	November 30, 2010
RAI 403—15.06.05-64	November 30, 2010
RAI 403—15.06.05-65	November 30, 2010
RAI 403—15.06.05-66	November 30, 2010
RAI 403—15.06.05-67	November 30, 2010
RAI 403—15.06.05-68	November 30, 2010
RAI 403—15.06.05-69	November 30, 2010
RAI 403—15.06.05-70	November 30, 2010
RAI 403—15.06.05-71	November 30, 2010
RAI 403—15.06.05-72	November 30, 2010
RAI 403—15.06.05-73	November 30, 2010
RAI 403—15.06.05-74	Question Deleted by NRC
RAI 403—15.06.05-75	November 30, 2010
RAI 403—15.06.05-76	November 30, 2010
RAI 403—15.06.05-77	November 30, 2010
RAI 403—15.06.05-78	Question Deleted by NRC

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:** Wednesday, June 02, 2010 7:41 AM  
**To:** ZZ-DL-A-USEPR-DL  
**Cc:** Forsaty, Fred; Lu, Shanlai; Donoghue, Joseph; Carneal, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource  
**Subject:** U.S. EPR Design Certification Application RAI No. 403(4439), FSARCh. 15

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on May 7, 2010, and discussed with your staff on May 17, 2010. Draft RAI Questions 15.06.05-74 and 15.06.05-78 were deleted 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:** 3689

**Mail Envelope Properties** (2FBE1051AEB2E748A0F98DF9EEE5A5D4A541AC)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 403, FSARCh.  
15, Supplement 7  
**Sent Date:** 1/18/2012 1:23:03 PM  
**Received Date:** 1/18/2012 1:23:09 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  
"HOLM Jerald (EXTERNAL AREVA)" <jerald.holm.ext@areva.com>  
Tracking Status: None  
"Tsfaye, Getachew" <Getachew.Tsfaye@nrc.gov>  
Tracking Status: None

**Post Office:** auscharm02.adom.ad.corp

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	16210	1/18/2012 1:23:09 PM

**Options**

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