

## ArevaEPRDCPEm Resource

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**From:** WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]  
**Sent:** Thursday, June 30, 2011 8:31 AM  
**To:** Tesfaye, Getachew  
**Cc:** BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); KOWALSKI David (AREVA)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 430, FSARCh. 10, NEW PHASE 4 RAI, Supplement 9

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to the three questions in RAI No. 430 on October 14, 2010. Supplement 1 response to RAI No. 430 was sent on November 17, 2010 to provide a revised schedule for Question 10.02-8. Supplement 2 response to RAI No. 430 was sent on December 10, 2010 to provide a revised schedule for Questions 10.02-9 and 10.02-10. Supplement 3, Supplement 4, Supplement 5, Supplement 6 and Supplement 7 responses to RAI No. 430 were sent on December 20, 2010, February 23, 2011, March 24, 2011, April 26, 2011 and May 27, 2011, respectively, to provide a revised schedule for the three questions. Supplement 8 response to RAI No. 430 was sent on June 9, 2011 to provide a technically correct and complete final response to Question 10.02-8.

The schedule for technically correct and complete responses to the remaining two questions has changed and is provided below:

Question #	Response Date
RAI 430 — 10.02-9	July 28, 2011
RAI 430 — 10.02-10	August 11, 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:** Thursday, June 09, 2011 8:45 AM  
**To:** 'Tesfaye, Getachew'  
**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); KOWALSKI David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 430, FSARCh. 10, NEW PHASE 4 RAI, Supplement 8

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the three questions in RAI No. 430 on October 14, 2010. Supplement 1 response to RAI No. 430 was sent on November 17, 2010 to provide a revised schedule for Question 10.02-8. Supplement 2 response to RAI No. 430 was sent on December 10, 2010 to provide a revised schedule for Questions 10.02-9 and 10.02-10. Supplement 3,

Supplement 4, Supplement 5, Supplement 6 and Supplement 7 responses to RAI No. 430 were sent on December 20, 2010, February 23, 2011, March 24, 2011, April 26, 2011 and May 27, 2011, respectively, to provide a revised schedule for the three questions.

The attached file, "RAI 430 Supplement 8 Response US EPR DC.pdf" provides a technically correct and complete FINAL response to Question 10.02-8.

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 430 Question 10.02-8.

The following table indicates the respective pages in the response document, "RAI 430 Supplement 8 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 430 — 10.02-8	2	3

The schedule for technically correct and complete responses to the remaining two questions has not changed and is provided below:

Question #	Response Date
RAI 430 — 10.02-9	June 30, 2011
RAI 430 — 10.02-10	June 30, 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 27, 2011 11:46 AM  
**To:** 'Tesfaye, Getachew'  
**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); KOWALSKI David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 430, FSARCh. 10, NEW PHASE 4 RAI, Supplement 7

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to the three questions in RAI No. 430 on October 14, 2010. Supplement 1 response to RAI No. 430 was sent on November 17, 2010 to provide a revised schedule for Question 10.02-8. Supplement 2 response to RAI No. 430 was sent on December 10, 2010 to provide a revised schedule for Questions 10.02-9 and 10.02-10. Supplement 3, Supplement 4, Supplement 5 and Supplement 6 responses to RAI No. 430 were sent on December 20, 2010, February 23, 2011, March 24, 2011 and April 26, 2011, respectively, to provide a revised schedule for the three questions.

The schedule for technically correct and complete responses to the three questions has been changed and is provided below.

Question #	Response Date
RAI 430 — 10.02-8	June 10, 2011
RAI 430 — 10.02-9	June 30, 2011
RAI 430 — 10.02-10	June 30, 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:** WELLS Russell (RS/NB)  
**Sent:** Tuesday, April 26, 2011 5:49 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** KOWALSKI David (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. 430, FSARCh. 10, NEW PHASE 4 RAI, Supplement 6

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to the three questions in RAI No. 430 on October 14, 2010. Supplement 1 response to RAI No. 430 was sent on November 17, 2010 to provide a revised schedule for Question 10.02-8. Supplement 2 response to RAI No. 430 was sent on December 10, 2010 to provide a revised schedule for Questions 10.02-9 and 10.02-10. Supplement 3, Supplement 4 and Supplement 5 responses to RAI No. 430 were sent on December 20, 2010, February 23, 2011 and March 24, 2011, respectively, to provide a revised schedule for the three questions.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

The schedule for technically correct and complete responses to the three questions is provided below:

Question #	Response Date
RAI 430 — 10.02-8	May 27, 2011
RAI 430 — 10.02-9	May 27, 2011
RAI 430 — 10.02-10	May 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:** WELLS Russell (RS/NB)

**Sent:** Thursday, March 24, 2011 1:41 PM

**To:** 'Tesfaye, Getachew'

**Cc:** KOWALSKI David (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. 430, FSARCh. 10, NEW PHASE 4 RAI, Supplement 5

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to the three questions in RAI No. 430 on October 14, 2010. Supplement 1 response to RAI No. 430 was sent on November 17, 2010 to provide a revised schedule for Question 10.02-8. Supplement 2 response to RAI No. 430 was sent on December 10, 2010 to provide a revised schedule for Questions 10.02-9 and 10.02-10. Supplement 3 and Supplement 4 responses to RAI No. 430 were sent on December 20, 2010 and February 23, 2011, respectively, to provide a revised schedule for the three questions.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

The schedule for technically correct and complete responses to the three questions is provided below:

Question #	Response Date
RAI 430 — 10.02-8	April 28, 2011
RAI 430 — 10.02-9	April 28, 2011
RAI 430 — 10.02-10	April 28, 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, February 23, 2011 4:35 PM

**To:** 'Tesfaye, Getachew'

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

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 430, FSARCh. 10, NEW PHASE 4 RAI, Supplement 4

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to the three questions in RAI No. 430 on October 14, 2010. Supplement 1 response to RAI No. 430 was sent on November 17, 2010 to provide a revised schedule for Question 10.02-8. Supplement 2 response to RAI No. 430 was sent on December 10, 2010 to provide a revised schedule for Questions 10.02-9 and 10.02-10. Supplement 3 response to RAI No. 430 was sent on December 20, 2010 to provide a revised schedule for the three questions.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

The schedule for technically correct and complete responses to the three questions is provided below:

<b>Question #</b>	<b>Response Date</b>
RAI 430 — 10.02-8	March 25, 2011
RAI 430 — 10.02-9	March 25, 2011
RAI 430 — 10.02-10	March 25, 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:** Monday, December 20, 2010 12:16 PM

**To:** Tesfaye, Getachew

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB); Carneal, Jason

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 430, FSARCh. 10, NEW PHASE 4 RAI, Supplement 3

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to the three questions in RAI No. 430 on October 14, 2010. Supplement 1 response to RAI No. 430 was sent on November 17, 2010 to provide a revised schedule for Question 10.02-8. Supplement 2 response to RAI No. 430 was sent on December 10, 2010 to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

The schedule for technically correct and complete responses to the three questions is provided below:

Question #	Response Date
RAI 430 — 10.02-8	February 24, 2011
RAI 430 — 10.02-9	February 24, 2011
RAI 430 — 10.02-10	February 24, 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:** Friday, December 10, 2010 1:24 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 430, FSARCh. 10, NEW PHASE 4 RAI, Supplement 2

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to the three questions in RAI No. 430 on October 14, 2010. Supplement 1 response to RAI No. 430 was sent on November 17, 2010 to provide a revised schedule for Question 10.02-8.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

The schedule for technically correct and complete responses to the three questions is provided below:

Question #	Response Date
RAI 430 — 10.02-8	February 24, 2011
RAI 430 — 10.02-9	December 21, 2010
RAI 430 — 10.02-10	December 21, 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](mailto:Martin.Bryan.ext@areva.com)

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**From:** BRYAN Martin (External RS/NB)  
**Sent:** Wednesday, November 17, 2010 1:55 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB); 'Miernicki, Michael'

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 430, FSARCh. 10, NEW PHASE 4 RAI, Supplement 1

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to the three questions in RAI No. 430 on October 14, 2010.

Since a response to Question 10.02-8 remains in process, a revised schedule is provided in this email.

The schedule for technically correct and complete responses to the three questions is provided below:

<b>Question #</b>	<b>Response Date</b>
RAI 430 — 10.02-8	December 10, 2010
RAI 430 — 10.02-9	December 21, 2010
RAI 430 — 10.02-10	December 21, 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](mailto:Martin.Bryan.ext@areva.com)

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**From:** BRYAN Martin (External RS/NB)  
**Sent:** Thursday, October 14, 2010 2:52 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 430, FSARCh. 10, NEW PHASE 4 RAI

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 430 Response US EPR DC," provides a schedule since technically correct and complete responses to the three questions are not provided.

The following table indicates the respective pages in the response document, "RAI 430 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

<b>Question #</b>	<b>Start Page</b>	<b>End Page</b>
RAI 430 — 10.02-8	2	2
RAI 430 — 10.02-9	3	4
RAI 430 — 10.02-10	5	7

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

<b>Question #</b>	<b>Response Date</b>
RAI 430 — 10.02-8	November 17, 2010
RAI 430 — 10.02-9	December 21, 2010
RAI 430 — 10.02-10	December 21, 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](mailto:Martin.Bryan.ext@areva.com)

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**From:** Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]  
**Sent:** Tuesday, September 14, 2010 1:37 PM  
**To:** ZZ-DL-A-USEPR-DL  
**Cc:** Reddy, Devender; Lee, Samuel; Segala, John; Hearn, Peter; Colaccino, Joseph; ArevaEPRDCPEm Resource  
**Subject:** U.S. EPR Design Certification Application RAI No. 430 (4801), FSARCh. 10, NEW PHASE 4 RAI

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on August 5, 2010, and on September 14, 2010, you informed us that the RAI is clear and no further clarification is needed. As a result, no change is made to the draft RAI. 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:** 3183

**Mail Envelope Properties** (2FBE1051AEB2E748A0F98DF9EEE5A5D47AF3D9)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 430, FSARCh.  
10, NEW PHASE 4 RAI, Supplement 9  
**Sent Date:** 6/30/2011 8:30:57 AM  
**Received Date:** 6/30/2011 8:31:01 AM  
**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  
"KOWALSKI David (AREVA)" <David.Kowalski@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	16422	6/30/2011 8:31:01 AM

**Options**

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