

## ArevaEPRDCPEm Resource

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**From:** WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]  
**Sent:** Friday, January 18, 2013 4:21 PM  
**To:** Miernicki, Michael  
**Cc:** WELLS Russell (AREVA); Snyder, Amy  
**Subject:** RE: Revised DRAFT Response to U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI, Question 03.06.01-14 - INFO

Thanks, Mike !

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

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Charlotte, NC 28262  
Phone: 704-805-2223  
Email: [Dennis.Williford@areva.com](mailto:Dennis.Williford@areva.com)

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**From:** Miernicki, Michael [mailto:Michael.Miernicki@nrc.gov]  
**Sent:** Friday, January 18, 2013 4:12 PM  
**To:** WILLIFORD Dennis (RS/NB); Snyder, Amy  
**Cc:** WELLS Russell (RS/NB)  
**Subject:** RE: Revised DRAFT Response to U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI, Question 03.06.01-14 - INFO

Staff has reviewed AREVA's revised draft response to subject question and has no additional comments.

Mike

Michael J. Miernicki  
Sr. Project Manager  
NRC/NRO/DNRL/LB1  
301-415-2304

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**From:** WILLIFORD Dennis (AREVA) [<mailto:Dennis.Williford@areva.com>]  
**Sent:** Monday, December 17, 2012 9:18 AM  
**To:** Snyder, Amy  
**Cc:** Miernicki, Michael; WELLS Russell (AREVA); GARDNER Darrell (AREVA)  
**Subject:** FW: Revised DRAFT Response to U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI, Question 03.06.01-14 - INFO

Amy,  
See the note below from Russ Wells. We discovered a minor typographical error in the summary table of our Revised Draft RAI response for Question 03.06.01-14 that I sent on Friday, December 14<sup>th</sup>. Instead of sending a completely new revised DRAFT response we propose to just correct this in the Final response.

Thanks,  
Dennis

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

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Charlotte, NC 28262  
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**From:** WELLS Russell (RS/NB)  
**Sent:** Monday, December 17, 2012 8:59 AM  
**To:** WILLIFORD Dennis (RS/NB)  
**Subject:** RE: Revised DRAFT Response to U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI, Question 03.06.01-14

Dennis

Please inform Amy that there was a typo in our Revised DRAFT Response to U.S. EPR Design Certification Application RAI No. 547 Question 03.06.01-14 that we sent to NRC on 12/14/12. In the table on page 2 of the RAI response, in the last row for Category D, COL information item 3.9-14 should have not been listed, it is correctly listed in Category N/A on page 3 of the response. We will make this correction on this final response. thanks

*Russ Wells*  
*U.S. EPR COLA 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:** WILLIFORD Dennis (RS/NB)  
**Sent:** Friday, December 14, 2012 4:36 PM  
**To:** [Amy.Snyder@nrc.gov](mailto:Amy.Snyder@nrc.gov)  
**Cc:** [Michael.Miernicki@nrc.gov](mailto:Michael.Miernicki@nrc.gov); BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); LEIGHLITER John (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); TOLLEY Tracey (RS/NB); VANCE Brian (RS/NB); WELLS Russell (RS/NB); GARDNER Darrell (RS/NB)  
**Subject:** Revised DRAFT Response to U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI, Question 03.06.01-14

Amy,

Attached is a revised DRAFT response for RAI No. RAI No. 547 (6499, 6359), FSAR Ch. 3, Question 03.06.01-14 as shown below in advance of the January 31, 2013 final date. This response involves a large number of COL information item changes that have been discussed with NRC staff over the past several months. The initial DRAFT response was submitted on August 17, 2012.

To keep our commitment to send a final response to this question by January 31, 2013, we need to receive all NRC staff feedback and comments no later than **January 17**.

Thanks,

Dennis

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

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**From:** WILLIFORD Dennis (RS/NB)

**Sent:** Thursday, November 29, 2012 12:10 PM

**To:** [Amy.Snyder@nrc.gov](mailto:Amy.Snyder@nrc.gov)

**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); LEIGHLITER John (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI, Supplement 3

Amy,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the four questions in RAI No. 547 on July 11, 2012. On October 4, 2012, AREVA NP submitted Supplement 1 which provided a technically correct and complete final response to one (03.07.02-77) of the four remaining questions. On November 27, 2012, AREVA NP submitted Supplement 2 which changed the schedule for one of the three remaining questions.

The attached file, "RAI 547 Supplement 3 Response US EPR DC.pdf" provides a technically correct and complete final response to one of the three remaining questions.

The following table indicates the respective pages in the response document, "RAI 547 Supplement 3 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question. 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 547, Question 03.07.02-76.

Question #	Start Page	End Page
RAI 547 — 03.07.02-76	2	14

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

Question #	Response Date
RAI 547 — 03.06.01-14	January 31, 2013
RAI 547 — 03.07.02-78	April 30, 2013

Sincerely,

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

**AREVA NP Inc.**

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**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Tuesday, November 27, 2012 12:40 PM  
**To:** [Amy.Snyder@nrc.gov](mailto:Amy.Snyder@nrc.gov)  
**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); LEIGHLITER John (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. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI, Supplement 2

Amy,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the four questions in RAI No. 547 on July 11, 2012. On October 4, 2012, AREVA NP submitted Supplement 1 which provided a technically correct and complete final response to one (03.07.02-77) of the four remaining questions.

The schedule for a technically correct and complete response to the 1 of the remaining 3 questions has been changed as provided below.

Question #	Response Date
RAI 547 — 03.06.01-14	<b>January 31, 2013</b>
RAI 547 — 03.07.02-76	November 29, 2012
RAI 547 — 03.07.02-78	April 30, 2013

Sincerely,

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

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Charlotte, NC 28262  
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**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Wednesday, October 17, 2012 2:07 PM  
**To:** [Amy.Snyder@nrc.gov](mailto:Amy.Snyder@nrc.gov)  
**Cc:** [Michael.Miernicki@nrc.gov](mailto:Michael.Miernicki@nrc.gov); BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); LEIGHLITER John (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); GARDNER Darrell (RS/NB) ([Darrell.Gardner@areva.com](mailto:Darrell.Gardner@areva.com)); VANCE Brian (RS/NB); WELLS Russell (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI, Question 03.06.01-14 - STATUS

Amy,

AREVA appreciates the initial comments received from NRC staff during our telecon on September 25<sup>th</sup>, the e-mail with additional comments received on September 27<sup>th</sup>, and the additional comments and status update on the review status of the DRAFT RAI 547 Question 03.06.01-14 response (submitted on August 17, 2012) which were provided by Mike Miernicki on October 15<sup>th</sup>. We understand that the NRC staff needs additional time to complete their review and provide final comments on the Draft response. AREVA will provide a revised schedule for submittal of the final response to this question after receipt and evaluation of all NRC staff comments.

The schedule for a technically correct and complete final response to the other 2 questions remains unchanged as shown below.

Question #	Response Date
RAI 547 — 03.06.01-14	TBD
RAI 547 — 03.07.02-76	November 29, 2012
RAI 547 — 03.07.02-78	April 30, 2013

Sincerely,

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

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**From:** RYAN Tom (RS/NB)  
**Sent:** Thursday, October 04, 2012 1:33 PM  
**To:** Tesfaye, Getachew  
**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); LEIGHLITER John (RS/NB); ROMINE Judy (RS/NB); WILLIFORD Dennis (RS/NB); ABAYAN Victor (EP/PE)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI, Supplement 1

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the four questions in RAI No. 547 on July 11, 2012.

The attached file, "RAI 547 Supplement 1 Response US EPR DC.pdf" provides a technically correct and complete final response to one of the four remaining questions.

The following table indicates the respective pages in the response document, "RAI 547 Supplement 1 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question. Appended to this file are affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which support the responses to RAI 547 Question 03.07.02-77.

Question #	Start Page	End Page
RAI 547 — 03.07.02-77	2	2

The schedule for a technically correct and complete response to the remaining 3 questions is unchanged and is provided below.

Question #	Response Date
RAI 547 — 03.06.01-14	<b>October 17, 2012</b>
RAI 547 — 03.07.02-76	<b>November 29, 2012</b>
RAI 547 — 03.07.02-78	<b>April 30, 2013</b>

Sincerely,

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

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**From:** WILLIFORD Dennis (RS/NB)  
**Sent:** Wednesday, July 11, 2012 2:52 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); [Michael.Miernicki@nrc.gov](mailto:Michael.Miernicki@nrc.gov); WELLS Russell (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - 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 547 Response US EPR DC.pdf," provides a schedule since a technically correct and complete response to the four questions cannot be provided at this time.

The following table indicates the respective pages in the response document, "RAI 547 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 547 — 03.06.01-14	2	2
RAI 547 — 03.07.02-76	3	4
RAI 547 — 03.07.02-77	5	5
RAI 547 — 03.07.02-78	6	12

The schedule for a technically correct and complete response to these 4 questions is provided below.

Question #	Response Date
RAI 547 — 03.06.01-14	October 17, 2012
RAI 547 — 03.07.02-76	November 29, 2012
RAI 547 — 03.07.02-77	November 14, 2012
RAI 547 — 03.07.02-78	April 30, 2013

Sincerely,

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

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**From:** Tesfaye, Getachew [<mailto:Getachew.Tesfaye@nrc.gov>]  
**Sent:** Friday, June 15, 2012 2:45 AM  
**To:** ZZ-DL-A-USEPR-DL  
**Cc:** Xu, Jim; Thomas, Brian; Miernicki, Michael; Clark, Phyllis; Segala, John; ArevaEPRDCPEm Resource  
**Subject:** U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on May 17, 2012, and June 12, 2012, 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/LB1  
(301) 415-3361

**Hearing Identifier:** AREVA\_EPR\_DC\_RAIs  
**Email Number:** 4185

**Mail Envelope Properties** (554210743EFE354B8D5741BEB695E6560B6A36)

**Subject:** RE: Revised DRAFT Response to U.S. EPR Design Certification Application RAI No. 547 (6499, 6359), FSAR Ch. 3 - NEW PHASE 4 RAI, Question 03.06.01-14 - INFO  
**Sent Date:** 1/18/2013 4:20:33 PM  
**Received Date:** 1/18/2013 4:20:39 PM  
**From:** WILLIFORD Dennis (AREVA)

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

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

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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	14335	1/18/2013 4:20:39 PM

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