

## ArevaEPRDCPEm Resource

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**From:** WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]  
**Sent:** Sunday, February 26, 2012 7:06 PM  
**To:** Tesfaye, Getachew  
**Cc:** BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); NOXON David (AREVA)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 455, FSARCh. 19, OPEN ITEM, Supplement 8

Getachew,  
AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 455 on January 25, 2011. AREVA submitted Supplement 1 on April 20, 2011, and Supplement 2 on June 17, 2011, providing a revised schedule for the one question. AREVA submitted Supplement 3 on June 24, 2011 to provide an interim response to the one question. Supplement 4 sent on October 18, 2011, Supplement 5 sent on November 17, 2011, Supplement 6 sent on December 13, 2011, and Supplement 7 sent on January 24, 2012 provided a preliminary revised schedule for the one question.

The schedule for a technically correct and complete response to the remaining question has been changed as provided below. This schedule was transmitted to the NRC in AREVA NP letter NRC:12:008 dated February 21, 2012.

Question #	Response Date
RAI 455 — 19-341	August 30, 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:** Tuesday, January 24, 2012 8:43 AM  
**To:** 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; tanya.ford@nrc.gov  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 455, FSARCh. 19, OPEN ITEM, Supplement 7

Getachew,  
AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 455 on January 25, 2011. AREVA submitted Supplement 1 on April 20, 2011, and Supplement 2 on June 17, 2011, providing a revised schedule for the one question. AREVA submitted Supplement 3 on June 24, 2011 to provide an interim response to the one question. Supplement 4 sent on October 18, 2011, Supplement 5 sent on November 17, 2011, and Supplement 6 sent on December 13, 2011 provided a preliminary revised schedule for the one question.

The preliminary schedule for a response to this question has been revised and is provided below. This schedule is being reevaluated and a new supplement with a revised schedule will be transmitted by February 21, 2012.

Question #	Response Date
RAI 455 — 19-341	February 21, 2012

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:** Tuesday, December 13, 2011 4:41 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); NOXON David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 455, FSARCh. 19, OPEN ITEM, Supplement 6

Getachew,  
AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 455 on January 25, 2011. AREVA submitted Supplement 1 on April 20, 2011, and Supplement 2 on June 17, 2011, providing a revised schedule for the one question. AREVA submitted Supplement 3 on June 24, 2011 to provide an interim response to the one question. Supplement 4 sent on October 18, 2011, and Supplement 5 sent on November 17, 2011 provided a revised schedule for the one question.

A preliminary revised schedule for a technically correct and complete response to the one question is provided below. This schedule is being reevaluated and a new supplement with a revised schedule will be transmitted by January 25, 2012.

Question #	Response Date
RAI 455 — 19-341	January 25, 2012

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, November 17, 2011 6:31 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); NOXON David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 455, FSARCh. 19, OPEN ITEM, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 455 on January 25, 2011. AREVA submitted RAI 455, Supplement 1 on April 20, 2011, and Supplement 2 on June 17, 2011, providing a revised schedule for the one question. AREVA submitted RAI 455, Supplement 3 on June 24, 2011 to provide an interim response to the one question. Supplement 4 sent on October 18, 2011 provided a revised schedule for the one question.

A preliminary revised schedule for a technically correct and complete response to the one question is provided below. This schedule is being reevaluated and a new supplement with a revised schedule will be transmitted by December 14, 2011.

Question #	Response Date
RAI 455 — 19-341	December 14, 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:** Tuesday, October 18, 2011 5:05 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); NOXON David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 455, FSARCh. 19, OPEN ITEM, Supplement 4

Getachew,  
AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 455 on January 25, 2011. AREVA submitted RAI 455, Supplement 1 on April 20, 2011, and Supplement 2 on June 17, 2011, providing a revised schedule for the one question. AREVA submitted RAI 455, Supplement 3 on June 24, 2011 to provide an interim response to the one question.

A preliminary revised schedule for a technically correct and complete response to the one question is provided below. This schedule is being reevaluated and a new supplement with a revised schedule will be transmitted by November 17, 2011.

Question #	Response Date
RAI 455 — 19-341	November 17, 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, June 24, 2011 11:20 AM  
**To:** 'Tefaye, Getachew'  
**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); NOXON David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 455, FSARCh. 19, OPEN ITEM, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 455 on January 25, 2011. AREVA NP submitted Supplement 1 on April 20, 2011, and Supplement 2 on June 17, 2011, to provide a revised schedule for the single question.

The attached file, "RAI 455 Supplement 3 Response US EPR DC-INTERIM.pdf" provides a technically correct INTERIM response to Question 19-341. 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 455 Question 19-341.

The following table indicates the pages in the response document, "RAI 455 Supplement 3 Response US EPR DC-INTERIM.pdf" that contain AREVA NP's INTERIM response to the subject question.

Question #	Start Page	End Page
RAI 455 — 19-341	2	7

The schedule for a technically correct and complete final response to this question is unchanged as provided below.

Question #	Interim Response Date	Response Date
RAI 455 — 19-341	June 24, 2011 (Actual)	October 19, 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:** RYAN Tom (RS/NB)  
**Sent:** Friday, June 17, 2011 9:45 AM  
**To:** 'Tefaye, Getachew'  
**Cc:** NOXON David (RS/NB); BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); WILLIFORD Dennis (RS/NB); RYAN Tom (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 455, FSARCh. 19, OPEN ITEM, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 455 on January 25, 2011. Supplement 1 to RAI 455 provided a revised schedule on April 20, 2011.

The schedule for a technically correct and complete response to this question has been changed and is provided below.

Question #	Response Date
RAI 455 — 19-341	October 19, 2011

Sincerely,

**Tom Ryan for  
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:** Wednesday, April 20, 2011 10:26 AM  
**To:** Tesfaye, Getachew  
**Cc:** NOXON 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. 455, FSARCh. 19, OPEN ITEM, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI 455 on January 25, 2011.

Additional time is required to interact with the NRC staff.

The schedule for a technically correct and complete response to this question has been changed and is provided below.

Question #	Response Date
RAI 455 — 19-341	June 17, 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:** Tuesday, January 25, 2011 4:48 PM

**To:** 'Tefaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); NOXON David (RS/NB)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 455, FSARCh. 19, OPEN ITEM

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 455 Response US EPR DC.pdf," provides the schedule for technically correct and complete responses to these questions.

The following table indicates the respective pages in the response document, "RAI 455 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 455 — 19-341	2	3

The schedule for technically correct and complete response to the one question is provided below.

Question #	Response Date
RAI 455 — 19-341	April 21, 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:** Tefaye, Getachew [<mailto:Getachew.Tefaye@nrc.gov>]

**Sent:** Tuesday, December 21, 2010 4:44 PM

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

**Cc:** Xu, Jim; Hawkins, Kimberly; Ford, Tanya; Colaccino, Joseph; ArevaEPRDCPEm Resource

**Subject:** U.S. EPR Design Certification Application RAI No. 455(4911), FSARCh. 19, OPEN ITEM

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on October 29, 2010, and discussed with your staff in December 2010. No change is 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, excluding the time period of **December 24, 2010 thru January 3, 2011, to account for the holiday season** as discussed with AREVA NP Inc. For any RAIs that cannot be answered **within 45 days**, it is expected that a date for receipt of this information will be provided to the staff within the 40-day period so that the staff can assess how this information will impact the published schedule.

Thanks,  
Getachew Tefaye  
Sr. Project Manager  
NRO/DNRL/NARP

(301) 415-3361

**Hearing Identifier:** AREVA\_EPR\_DC\_RAIs  
**Email Number:** 3793

**Mail Envelope Properties** (2FBE1051AEB2E748A0F98DF9EEE5A5D4B2AA6A)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 455, FSARCh.  
19, OPEN ITEM, Supplement 8  
**Sent Date:** 2/26/2012 7:06:20 PM  
**Received Date:** 2/26/2012 7:05:32 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  
"NOXON David (AREVA)" <David.Noxon@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	13485	2/26/2012 7:05:32 PM

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