

## ArevaEPRDCPEm Resource

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**From:** WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]  
**Sent:** Wednesday, November 16, 2011 5:08 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. 493 (5810), FSAR Ch. 15, Supplement 3

Getachew,

AREVA NP Inc. letter NRC:11:112 dated November 16, 2011 provides a technically correct and complete final response to 1 of the 13 remaining questions in RAI 493. 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 enclosed response that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 493 — 15.06.05-113	2	26

The schedule for technically correct and complete responses to the remaining twelve questions is unchanged as shown below.

Question #	Response Date
RAI 493 — 15.6.5-98	November 18, 2011
RAI 493 — 15.6.5-99	November 18, 2011
RAI 493 — 15.6.5-100	November 18, 2011
RAI 493 — 15.6.5-101	November 18, 2011
RAI 493 — 15.6.5-102	November 18, 2011
RAI 493 — 15.6.5-103	November 18, 2011
RAI 493 — 15.6.5-105	November 18, 2011
RAI 493 — 15.6.5-106	November 18, 2011
RAI 493 — 15.6.5-107	November 18, 2011
RAI 493 — 15.6.5-108	November 18, 2011
RAI 493 — 15.6.5-109	November 18, 2011
RAI 493 — 15.6.5-110	November 18, 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, October 27, 2011 2:39 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. 493 (5810), FSAR Ch. 15, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to the 13 questions in RAI 493 on July 27, 2011. A revised schedule was provided in Supplement 1 on September 9, 2011.

AREVA NP's schedule for providing a technically correct and complete response to Question 15.06.05-113 has been changed as noted below in bold in order to allow time for additional interaction with NRC staff. The date for providing a response to the other 12 questions in RAI 493 remains unchanged.

<b>Question #</b>	<b>Response Date</b>
RAI 493 — 15.6.5-98	November 18, 2011
RAI 493 — 15.6.5-99	November 18, 2011
RAI 493 — 15.6.5-100	November 18, 2011
RAI 493 — 15.6.5-101	November 18, 2011
RAI 493 — 15.6.5-102	November 18, 2011
RAI 493 — 15.6.5-103	November 18, 2011
RAI 493 — 15.6.5-105	November 18, 2011
RAI 493 — 15.6.5-106	November 18, 2011
RAI 493 — 15.6.5-107	November 18, 2011
RAI 493 — 15.6.5-108	November 18, 2011
RAI 493 — 15.6.5-109	November 18, 2011
RAI 493 — 15.6.5-110	November 18, 2011
RAI 493 — 15.6.5-113	<b>November 28, 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:** Friday, September 09, 2011 2:09 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); GUCWA Len (External RS/NB); HOLM Jerald (External RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 493 (5810), FSAR Ch. 15, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to the 13 questions in RAI 493 on July 27, 2011. The schedule for responding to Questions 15.6.5-98, 15.6.5-99,

15.6.5-100, 15.6.5-101, 15.6.5-102, 15.6.5-103, 15.6.5-105, 15.6.5-106, 15.6.5-107, 15.6.5-108, 15.6.5-109 and 15.6.5-110 has been revised as described in the GSI-191 Closure Plan (AREVA NP Inc. letter NRC:11:092 dated August 25, 2011) and as provided below. The schedule for responding to Question 15.6.5-113 is unchanged.

Question #	Response Date
RAI 493 — 15.6.5-98	November 18, 2011
RAI 493 — 15.6.5-99	November 18, 2011
RAI 493 — 15.6.5-100	November 18, 2011
RAI 493 — 15.6.5-101	November 18, 2011
RAI 493 — 15.6.5-102	November 18, 2011
RAI 493 — 15.6.5-103	November 18, 2011
RAI 493 — 15.6.5-105	November 18, 2011
RAI 493 — 15.6.5-106	November 18, 2011
RAI 493 — 15.6.5-107	November 18, 2011
RAI 493 — 15.6.5-108	November 18, 2011
RAI 493 — 15.6.5-109	November 18, 2011
RAI 493 — 15.6.5-110	November 18, 2011
RAI 493 — 15.6.5-113	October 28, 2011

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:** WELLS Russell (RS/NB)  
**Sent:** Wednesday, July 27, 2011 7:36 PM  
**To:** Tesfaye, Getachew  
**Cc:** GUCWA Len (External RS/NB); HOLM Jerald (External RS/NB); WILLIFORD Dennis (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); RYAN Tom (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 493 (5810), FSAR Ch. 15

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 493 Response US EPR DC.pdf" provides a schedule since a technically correct and complete response to the 13 questions is not provided.

The following table indicates the respective pages in the response document, "RAI 493 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 493 — 15.6.5-98	2	2
RAI 493 — 15.6.5-99	3	3
RAI 493 — 15.6.5-100	4	4
RAI 493 — 15.6.5-101	5	5
RAI 493 — 15.6.5-102	6	6
RAI 493 — 15.6.5-103	7	7

RAI 493 — 15.6.5-105	8	8
RAI 493 — 15.6.5-106	9	10
RAI 493 — 15.6.5-107	11	11
RAI 493 — 15.6.5-108	12	12
RAI 493 — 15.6.5-109	13	13
RAI 493 — 15.6.5-110	14	14
RAI 493 — 15.6.5-113	15	15

A complete answer is not provided for the 13 questions. The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 493 — 15.6.5-98	October 28, 2011
RAI 493 — 15.6.5-99	October 28, 2011
RAI 493 — 15.6.5-100	October 28, 2011
RAI 493 — 15.6.5-101	October 28, 2011
RAI 493 — 15.6.5-102	October 28, 2011
RAI 493 — 15.6.5-103	October 28, 2011
RAI 493 — 15.6.5-105	October 28, 2011
RAI 493 — 15.6.5-106	October 28, 2011
RAI 493 — 15.6.5-107	October 28, 2011
RAI 493 — 15.6.5-108	October 28, 2011
RAI 493 — 15.6.5-109	October 28, 2011
RAI 493 — 15.6.5-110	October 28, 2011
RAI 493 — 15.6.5-113	October 28, 2011

Sincerely,

*Russ Wells for*

**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:** Wednesday, June 29, 2011 9:53 AM

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

**Cc:** Forsaty, Fred; Lu, Shanlai; Donoghue, Joseph; Carneal, Jason; Colaccino, Joseph

**Subject:** U.S. EPR Design Certification Application RAI No. 493 (5810), FSAR Ch. 15

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on June 6, 2011, and discussed with your staff on June 27 and 28, 2011. Draft RAI Questions 15.06.05-104, 15.06.05-111 and 15.06.05-112 were deleted and Draft Questions 15.06.05-101 and 15.06.05-106 were modified as a result of those discussions. 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:** 3553

**Mail Envelope Properties** (2FBE1051AEB2E748A0F98DF9EEE5A5D49B5669)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 493 (5810),  
FSAR Ch. 15, Supplement 3  
**Sent Date:** 11/16/2011 5:07:47 PM  
**Received Date:** 11/16/2011 5:07:51 PM  
**From:** WILLIFORD Dennis (AREVA)

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

**Recipients:**

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MESSAGE	9044	11/16/2011 5:07:51 PM

**Options**

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