

ArevaEPRDCPEm Resource

From: RYAN Tom (AREVA) [Tom.Ryan@areva.com]
Sent: Friday, September 28, 2012 10:03 AM
To: Tesfaye, Getachew
Cc: BENNETT Kathy (AREVA); DELANO Karen (AREVA); LEIGHLITER John (AREVA); ROMINE Judy (AREVA); WELLS Russell (AREVA); WILLIFORD Dennis (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 508 (6005,6000,5994), FSAR Ch. 3, Supplement 6

Getachew,

AREVA NP Inc. letter NRC:12:048 dated September 28, 2012 provides a technically correct and complete final response to the single question (Question 03.09.02-169) in RAI 508. 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 final response to the subject question.

Question #	Start Page	End Page
RAI 508 — 03.09.02-169	2	18

This concludes the formal AREVA NP response to RAI 545, and there are no questions from this RAI for which AREVA NP has not provided responses.

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

From: WILLIFORD Dennis (RS/NB)
Sent: Thursday, September 20, 2012 10:22 AM
To: Getachew.Tesfaye@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. 508 (6005,6000,5994), FSAR Ch. 3, Supplement 5

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the three questions in RAI No. 508 on September 23, 2011. On December 1, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for Question 03.03.01-5 and Question 03.07.03-41. On January 6, 2012, AREVA NP submitted Supplement 2 to provide a complete and final response to Question 03.07.03-41. On January 27, 2012, AREVA NP submitted Supplement 3 to provide a complete and final response to Question 03.03.01-5. On August 10 2012, AREVA NP provided a revised schedule for a technically correct and complete response to the remaining question.

The schedule for providing a technically correct and complete final response to the remaining question has been changed as provided below.

Question #	Response Date
RAI 508 — 03.09.02-169	September 28, 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

From: WILLIFORD Dennis (RS/NB)

Sent: Friday, August 10, 2012 11:52 AM

To: Getachew.Tesfaye@nrc.gov

Cc: Michael.Miernicki@nrc.gov; WELLS Russell (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. 508 (6005,6000,5994), FSAR Ch. 3, Supplement 4

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the three questions in RAI No. 508 on September 23, 2011. On December 1, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for Question 03.03.01-5 and Question 03.07.03-41. On January 6, 2012, AREVA NP submitted Supplement 2 to provide a complete and final response to Question 03.07.03-41. On January 27, 2012, AREVA NP submitted Supplement 3 to provide a complete and final response to Question 03.03.01-5.

The schedule for providing a technically correct and complete final response to the remaining question has been changed as provided below.

Question #	Response Date
RAI 508 — 03.09.02-169	September 20, 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

From: WILLIFORD Dennis (CORP/QP)
Sent: Friday, January 27, 2012 1:28 PM
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
Subject: Response to U.S. EPR Design Certification Application RAI No. 508 (6005,6000,5994), FSAR Ch. 3, Supplement 3

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the three questions in RAI No. 508 on September 23, 2011. On December 1, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for Question 03.03.01-5 and Question 03.07.03-41. On January 6, 2012, AREVA NP submitted Supplement 2 to provide a complete and final response to Question 03.07.03-41.

The attached file, "RAI 508 Supplement 3 Response US EPR DC.pdf," provides a technically correct and complete final response to one (Question 03.03.01-5) of the two remaining questions.. 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 508 Question 03.03.01-5.

The following table indicates the respective pages in the response document, "RAI 508 Supplement 3 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 508 — 03.03.01-5	2	2

The schedule for providing a technically correct and complete final response to the remaining question remains unchanged as provided below.

Question #	Response Date
RAI 508 — 03.09.02-169	August 16, 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

From: WILLIFORD Dennis (RS/NB)
Sent: Friday, January 06, 2012 11:22 AM
To: Getachew.Tesfaye@nrc.gov
Cc: BENNETT Kathy (RS/NB); DELANO Karen (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. 508 (6005,6000,5994), FSAR Ch. 3, Supplement 2

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the three questions in RAI No. 508 on September 23, 2011. On December 1, 2011, AREVA NP submitted Supplement 1 to provide a revised schedule for Question 03.03.01-5 and Question 03.07.03-41.

The attached file, "RAI 508 Supplement 2 Response US EPR DC.pdf," provides a technically correct and complete final response to Question 03.07.03-41. 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 508 Question 03.07.03-41.

The following table indicates the respective pages in the response document, "RAI 508 Supplement 2 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 508 — 03.07.03-41	2	2

The schedule for providing a technically correct and complete final response to the remaining two questions has been revised as provided below.

Question #	Response Date
RAI 508 — 03.03.01-5	March 7, 2012
RAI 508 — 03.09.02-169	August 16, 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

From: WILLIFORD Dennis (RS/NB)
Sent: Thursday, December 01, 2011 2:52 PM
To: Getachew.Tesfaye@nrc.gov
Cc: 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. 508 (6005,6000,5994), FSAR Ch. 3, Supplement 1

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the three questions in RAI No. 508 on September 23, 2011.

The schedule for providing a response to Questions 03.03.01-5 and 03.07.03-41 has been revised as provided below. The schedule for a response to Question 03.09.02-169 remains unchanged.

Question #	Response Date
RAI 508 — 03.03.01-5	January 6, 2012
RAI 508 — 03.07.03-41	January 6, 2012
RAI 508 — 03.09.02-169	January 6, 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

From: WILLIFORD Dennis (RS/NB)
Sent: Friday, September 23, 2011 10:02 AM
To: Getachew.Tesfaye@nrc.gov
Cc: 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. 508 (6005,6000,5994), FSAR Ch. 3

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 508 Response US EPR DC.pdf," provides a schedule since a technically correct and complete response to the 3 questions cannot be provided at this time.

The following table indicates the respective pages in the response document, "RAI 508 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 508 — 03.03.01-5	2	2
RAI 508 — 03.07.03-41	3	3
RAI 508 — 03.09.02-169	4	4

A complete answer is not provided for the 3 questions. The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 508 — 03.03.01-5	December 1, 2011
RAI 508 — 03.07.03-41	December 1, 2011
RAI 508 — 03.09.02-169	January 6, 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

From: Tesfaye, Getachew [<mailto:Getachew.Tesfaye@nrc.gov>]
Sent: Friday, August 26, 2011 8:45 AM
To: ZZ-DL-A-USEPR-DL
Cc: Chakravorty, Manas; Xu, Jim; Thomas, Brian; Wong, Yuken; Dixon-Herrity, Jennifer; Miernicki, Michael; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 508 (6005,6000,5994), FSAR Ch. 3

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on August 22, 2011, and on August 24, 2011, 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: 4056

Mail Envelope Properties (68A588D0DDE96547855C97AF83A8CAFDB4B618)

Subject: Response to U.S. EPR Design Certification Application RAI No. 508
(6005,6000,5994), FSAR Ch. 3, Supplement 6
Sent Date: 9/28/2012 10:03:23 AM
Received Date: 9/28/2012 10:03:28 AM
From: RYAN Tom (AREVA)

Created By: Tom.Ryan@areva.com

Recipients:
"BENNETT Kathy (AREVA)" <Kathy.Bennett@areva.com>
Tracking Status: None
"DELANO Karen (AREVA)" <Karen.Delano@areva.com>
Tracking Status: None
"LEIGHLITER John (AREVA)" <John.Leighliter@areva.com>
Tracking Status: None
"ROMINE Judy (AREVA)" <Judy.Romine@areva.com>
Tracking Status: None
"WELLS Russell (AREVA)" <Russell.Wells@areva.com>
Tracking Status: None
"WILLIFORD Dennis (AREVA)" <Dennis.Williford@areva.com>
Tracking Status: None
"Tsfaye, Getachew" <Getachew.Tsfaye@nrc.gov>
Tracking Status: None

Post Office: auscharm02.adom.ad.corp

Files	Size	Date & Time
MESSAGE	12186	9/28/2012 10:03:28 AM

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