

ArevaEPRDCPEm Resource

From: WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]
Sent: Friday, August 19, 2011 2:52 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. 420, FSAR Ch. 3, OPEN ITEM, Supplement 8

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 420 on August 25, 2010. RAI 420 Supplement 1 sent on November 22, 2010, Supplement 2 sent on January 7, 2011, Supplement 3 sent on February 9, 2011 and Supplement 4 sent on March 14, 2011 provided a revised schedule. RAI 420 Supplement 5 sent on April 13, 2011 provided technically correct and complete final responses to 6 of the 11 questions. RAI 420 Supplement 6 sent on June 10, 2011, provided a revised schedule to the remaining 5 questions. RAI 420 Supplement 7 sent on June 30, 2011 provided technically correct and complete final responses to 3 of the remaining 5 questions and a revised schedule for the remaining 2 questions.

The schedule for providing a complete response to the remaining 2 questions has been revised as indicated below.

Question #	Response Date
RAI 420 — 03.02.01-12	October 4, 2011
RAI 420 — 03.02.02-7	October 4, 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

From: WILLIFORD Dennis (RS/NB)
Sent: Thursday, June 30, 2011 3:12 PM
To: 'Tesfaye, Getachew'
Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); NOXON David (RS/NB); RYAN Tom (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 420, FSAR Ch. 3, OPEN ITEM, Supplement 7

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 420 on August 25, 2010. RAI 420 Supplement 1 sent on November 22, 2010, Supplement 2 sent on January 7, 2011, Supplement 3 sent on February 9, 2011 and Supplement 4 sent on March 14, 2011 provided a revised schedule. RAI 420 Supplement 5 sent on April 13, 2011 provided technically correct and complete final responses to 6 of the 11 questions. RAI 420 Supplement 6 sent on June 10, 2011, provided a revised

schedule for the remaining 5 questions. The attached file, "RAI 420 Supplement 7 Response US EPR DC.pdf" provides technically correct and complete FINAL responses to 3 of the remaining 5 questions.

The following table indicates the respective pages in the response document, "RAI 420 Supplement 7 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 420 — 03.02.02-8	2	2
RAI 420 — 03.02.02-10	3	3
RAI 420 — 03.02.02-11	4	4

The schedule for providing a complete response to the remaining 2 questions has been revised as indicated below.

Question #	Response Date
RAI 420 — 03.02.01-12	August 19, 2011
RAI 420 — 03.02.02-7	August 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

From: WILLIFORD Dennis (RS/NB)
Sent: Friday, June 10, 2011 8:14 AM
To: 'Tsfaye, Getachew'
Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); NOXON David (RS/NB); CORNELL Veronica (External RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 420, FSAR Ch. 3, OPEN ITEM, Supplement 6

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 420 on August 25, 2010. Supplement 1 sent on November 22, 2010, Supplement 2 sent on January 7, 2011, Supplement 3 sent on February 9, 2011 and Supplement 4 sent on March 14, 2011 provided a revised schedule. RAI 420 Supplement 5 sent on April 13, 2011 provided technically correct and complete final responses to 6 of the 11 questions.

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

Question #	Response Date
RAI 420 — 03.02.01-12	June 30, 2011
RAI 420 — 03.02.02-7	June 30, 2011
RAI 420 — 03.02.02-8	June 30, 2011
RAI 420 — 03.02.02-10	June 30, 2011
RAI 420 — 03.02.02-11	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

From: WELLS Russell (RS/NB)

Sent: Wednesday, April 13, 2011 3:45 PM

To: 'Tefaye, Getachew'

Cc: NOXON David (RS/NB); GARDNER Darrell (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. 420, FSAR Ch. 3, OPEN ITEM, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 420 on August 25, 2010. RAI 420 Supplement 1 sent on November 22, 2010, Supplement 2 sent on January 7, 2011, Supplement 3 sent on February 9, 2011 and Supplement 4 sent on March 14, 2011 provided a revised schedule. The attached file, "RAI 420 Supplement 5 Response US EPR DC" provides a technically correct and complete final response to 6 of the 11 questions, as committed.

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 420 Question 03.02.02-9.

The following table indicates the respective pages in the response document, "RAI 420 Supplement 5 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 420 — 03.02.01-13	2	3
RAI 420 — 03.02.01-14	4	5
RAI 420 — 03.02.01-15	6	7
RAI 420 — 03.02.01-16	8	8
RAI 420 — 03.02.01-17	9	9
RAI 420 — 03.02.02-9	10	10

To allow additional time to interact with the NRC, the schedule for technically correct and complete responses to the remaining 5 questions has been changed and is provided below.

Question #	Response Date
RAI 420 — 03.02.01-12	June 10, 2011
RAI 420 — 03.02.02-7	June 10, 2011
RAI 420 — 03.02.02-8	June 10, 2011
RAI 420 — 03.02.02-10	June 10, 2011
RAI 420 — 03.02.02-11	June 10, 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

From: WELLS Russell (RS/NB)
Sent: Monday, March 14, 2011 3:18 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. 420, FSAR Ch. 3, OPEN ITEM, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 420 on August 25, 2010. RAI 420 Supplement 1 sent on November 22, 2010, Supplement 2 to sent on January 7, 2011, and Supplement 3 sent on February 9, 2011 provided a revised schedule

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 420 — 03.02.01-12	April 20, 2011
RAI 420 — 03.02.01-13	April 20, 2011
RAI 420 — 03.02.01-14	April 20, 2011
RAI 420 — 03.02.01-15	April 20, 2011
RAI 420 — 03.02.01-16	April 20, 2011
RAI 420 — 03.02.01-17	April 20, 2011
RAI 420 — 03.02.02-7	April 20, 2011
RAI 420 — 03.02.02-8	April 20, 2011
RAI 420 — 03.02.02-9	April 20, 2011
RAI 420 — 03.02.02-10	April 20, 2011
RAI 420 — 03.02.02-11	April 20, 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

From: BRYAN Martin (External RS/NB)

Sent: Wednesday, February 09, 2011 1:23 PM

To: 'Tesfaye, 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. 420, FSAR Ch. 3, OPEN ITEM, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 420 on August 25, 2010. RAI 420 Supplement 1 sent on November 22, 2010 and Supplement 2 sent on January 7, 2011 provided a revised schedule

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 420 — 03.02.01-12	March 16, 2011
RAI 420 — 03.02.01-13	March 16, 2011
RAI 420 — 03.02.01-14	March 16, 2011
RAI 420 — 03.02.01-15	March 16, 2011
RAI 420 — 03.02.01-16	March 16, 2011
RAI 420 — 03.02.01-17	March 16, 2011
RAI 420 — 03.02.02-7	March 16, 2011
RAI 420 — 03.02.02-8	March 16, 2011
RAI 420 — 03.02.02-9	March 16, 2011
RAI 420 — 03.02.02-10	March 16, 2011
RAI 420 — 03.02.02-11	March 16, 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

From: BRYAN Martin (External RS/NB)

Sent: Friday, January 07, 2011 3:59 PM

To: Tesfaye, 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. 420, FSAR Ch. 3, OPEN ITEM, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 420 on August 25, 2010. Supplement 1 to RAI 420 provided a revised schedule on November 22, 2010

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 420 — 03.02.01-12	February 14, 2011
RAI 420 — 03.02.01-13	February 14, 2011
RAI 420 — 03.02.01-14	February 14, 2011
RAI 420 — 03.02.01-15	February 14, 2011
RAI 420 — 03.02.01-16	February 14, 2011
RAI 420 — 03.02.01-17	February 14, 2011
RAI 420 — 03.02.02-7	February 14, 2011
RAI 420 — 03.02.02-8	February 14, 2011
RAI 420 — 03.02.02-9	February 14, 2011
RAI 420 — 03.02.02-10	February 14, 2011
RAI 420 — 03.02.02-11	February 14, 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

From: BRYAN Martin (External RS/NB)
Sent: Monday, November 22, 2010 5:00 PM
To: 'Tesfaye, 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. 420, FSAR Ch. 3, OPEN ITEM, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 420 on August 25, 2010.

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 420 — 03.02.01-12	January 10, 2011

RAI 420 — 03.02.01-13	January 10, 2011
RAI 420 — 03.02.01-14	January 10, 2011
RAI 420 — 03.02.01-15	January 10, 2011
RAI 420 — 03.02.01-16	January 10, 2011
RAI 420 — 03.02.01-17	January 10, 2011
RAI 420 — 03.02.02-7	January 10, 2011
RAI 420 — 03.02.02-8	January 10, 2011
RAI 420 — 03.02.02-9	January 10, 2011
RAI 420 — 03.02.02-10	January 10, 2011
RAI 420 — 03.02.02-11	January 10, 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

From: BRYAN Martin (External RS/NB)

Sent: Wednesday, August 25, 2010 8:20 PM

To: 'Tesfaye, 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. 420, FSAR Ch. 3, OPEN ITEM

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 420 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 420 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 420 — 03.02.01-12	2	2
RAI 420 — 03.02.01-13	3	3
RAI 420 — 03.02.01-14	4	4
RAI 420 — 03.02.01-15	5	5
RAI 420 — 03.02.01-16	6	6
RAI 420 — 03.02.01-17	7	7
RAI 420 — 03.02.02-7	8	8
RAI 420 — 03.02.02-8	9	9
RAI 420 — 03.02.02-9	10	10
RAI 420 — 03.02.02-10	11	11
RAI 420 — 03.02.02-11	12	12

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

Question #	Response Date
RAI 420 — 03.02.01-12	November 23, 2010
RAI 420 — 03.02.01-13	November 23, 2010
RAI 420 — 03.02.01-14	November 23, 2010
RAI 420 — 03.02.01-15	November 23, 2010
RAI 420 — 03.02.01-16	November 23, 2010
RAI 420 — 03.02.01-17	November 23, 2010
RAI 420 — 03.02.02-7	November 23, 2010
RAI 420 — 03.02.02-8	November 23, 2010
RAI 420 — 03.02.02-9	November 23, 2010
RAI 420 — 03.02.02-10	November 23, 2010
RAI 420 — 03.02.02-11	November 23, 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

From: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]
Sent: Monday, July 26, 2010 7:20 AM
To: ZZ-DL-A-USEPR-DL
Cc: McNally, Richard; Dixon-Herrity, Jennifer; Patel, Jay; Miernicki, Michael; Colaccino, Joseph
Subject: U.S. EPR Design Certification Application RAI No. 420 (4687,4661), FSAR Ch. 3, OPEN ITEM

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on June 15, 2010, and on July 19, 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: 3341

Mail Envelope Properties (2FBE1051AEB2E748A0F98DF9EEE5A5D486CB32)

Subject: Response to U.S. EPR Design Certification Application RAI No. 420, FSAR Ch. 3, OPEN ITEM, Supplement 8
Sent Date: 8/19/2011 2:51:46 PM
Received Date: 8/19/2011 2:51:57 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

Files	Size	Date & Time
MESSAGE	16453	8/19/2011 2:51:57 PM

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