

ArevaEPRDCPEm Resource

From: WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]
Sent: Tuesday, December 13, 2011 4:31 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. 289, FSAR Ch. 19, Supplement 14

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, Supplement 3 on July 20, 2010, Supplement 4 on August 20, 2010, Supplement 5 on September 22, 2010, Supplement 6 on October 15, 2010, Supplement 7 on January 25, 2011, Supplement 8 on February 28, 2011, Supplement 9 on March 29, 2011, Supplement 10 on May 6, 2011, Supplement 11 on June 17, 2011, Supplement 12 on October 18, 2011, and Supplement 13 on November 17, 2011 to provide an updated schedule for the response.

A preliminary revised schedule for technically correct and complete responses to the remaining 2 questions 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 289 — 19-328	January 25, 2012
RAI 289 — 19-329	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

From: WILLIFORD Dennis (RS/NB)
Sent: Thursday, November 17, 2011 6:16 PM
To: 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. 289, FSAR Ch. 19, Supplement 13

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, Supplement 3 on July 20, 2010, Supplement 4 on August 20, 2010, Supplement 5 on September 22, 2010, Supplement 6 on October 15, 2010, Supplement 7 on January 25, 2011, Supplement 8 on February 28, 2011, Supplement 9 on March 29, 2011, Supplement 10 on May 6, 2011,

Supplement 11 on June 17, 2011, and Supplement 12 on October 18, 2011, to provide an updated schedule for the response.

A preliminary revised schedule for technically correct and complete responses to the remaining 2 questions 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 289 — 19-328	December 14 , 2011
RAI 289 — 19-329	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

From: WILLIFORD Dennis (RS/NB)
Sent: Tuesday, October 18, 2011 4:49 PM
To: 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. 289, FSAR Ch. 19, Supplement 12

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, Supplement 3 on July 20, 2010, Supplement 4 on August 20, 2010, Supplement 5 on September 22, 2010, Supplement 6 on October 15, 2010, Supplement 7 on January 25, 2011, Supplement 8 on February 28, 2011, Supplement 9 on March 29, 2011, Supplement 10 on May 6, 2011, and Supplement 11 on June 17, 2011, to provide an updated schedule for the response.

A preliminary revised schedule for technically correct and complete responses to the remaining 2 questions 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 289 — 19-328	November 17, 2011
RAI 289 — 19-329	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

From: RYAN Tom (RS/NB)
Sent: Friday, June 17, 2011 10:26 AM
To: 'Tesfaye, 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. 289, FSAR Ch. 19, Supplement 11

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, Supplement 3 on July 20, 2010, Supplement 4 on August 20, 2010, Supplement 5 on September 22, 2010, Supplement 6 on October 15, 2010, Supplement 7 on January 25, 2011, Supplement 8 on February 28, 2011, Supplement 9 on March 29, 2011, and Supplement 10 on May 6, 2011 provided an updated schedule for the response.

The schedule for RAI 289 Questions 19-328 and 19-329 has been changed and is provided below:

Question #	Response Date
RAI 289 — 19-328	October 19, 2011
RAI 289 — 19-329	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

From: WELLS Russell (RS/NB)
Sent: Friday, May 06, 2011 10:56 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. 289, FSAR Ch. 19, Supplement 10

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, Supplement 3 on July 20, 2010, Supplement 4 on August 20, 2010, Supplement 5 on September 22, 2010, Supplement 6 on October 15, 2010, Supplement 7 on January 25, 2011, Supplement 8 on February 28, 2011, and Supplement 9 on March 29, 2011, providing an updated schedule for the response.

The schedule for RAI 289 Question 19-328 is being revised to allow more time to interact with the NRC on the response. The schedule for RAI 289 Question 19-329 is being revised to allow more time to complete the PRA update associated with the response. The schedule for technically correct and complete FINAL responses to the remaining 2 questions has been changed and is provided below:

Question #	Response Date
RAI 289 — 19-328	June 17, 2011
RAI 289 — 19-329	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

From: WELLS Russell (RS/NB)

Sent: Tuesday, March 29, 2011 4:18 PM

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. 289, FSAR Ch. 19, Supplement 9

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, Supplement 3 on July 20, 2010, Supplement 4 on August 20, 2010, Supplement 5 on September 22, 2010, Supplement 6 on October 15, 2010, Supplement 7 on January 25, 2011, and Supplement 8 on February 28, 2011, providing an updated schedule for the response.

The schedule for RAI 289 Questions 19-328 and 19-329 is being revised to allow more time to interact with the NRC on the response. The schedule for technically correct and complete responses to the remaining 2 questions has been changed and is provided below:

Question #	Response Date
RAI 289 — 19-328	May 6, 2011
RAI 289 — 19-329	May 6, 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, February 28, 2011 7:54 AM

To: 'Tesfaye, Getachew'

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

Subject: Response to U.S. EPR Design Certification Application RAI No. 289, FSAR Ch. 19, Supplement 8

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, Supplement 3 on July 20, 2010, Supplement 4 on August 20, 2010, Supplement 5 on September 22, 2010, Supplement 6 on October 15, 2010 and Supplement 7 on January 25, 2011 providing an updated schedule for the response.

The schedule for RAI 289 Question 19-328 is being revised to allow more time to interact with the NRC on the response. The schedule for technically correct and complete responses to the remaining 2 questions has been changed and is provided below:

Question #	Response Date
RAI 289 — 19-328	March 31, 2011
RAI 289 — 19-329	March 31, 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: Tuesday, January 25, 2011 3:09 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. 289, FSAR Ch. 19, Supplement 7

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, Supplement 3 on July 20, 2010, Supplement 4 on August 20, 2010, Supplement 5 on September 22, 2010, and Supplement 6 on October 15, 2010 providing an updated schedule for the response.

The schedule for RAI 289 Question 19-328 is being revised to allow more time to interact with the NRC on the response. The schedule for technically correct and complete responses to the remaining 2 questions has been changed and is provided below:

Question #	Response Date
RAI 289 — 19-328	February 28, 2011
RAI 289 — 19-329	March 31, 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, October 15, 2010 4:03 PM
To: 'Tefsaye, 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. 289, FSAR Ch. 19, Supplement 6

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, Supplement 3 on July 20, 2010, Supplement 4 on August 20, 2010, and Supplement 5 on September 22, 2010, providing an updated schedule for the response.

The schedule for RAI 289 Question 19-329 is being revised to allow more time to complete the response. The schedule for technically correct and complete responses to the remaining 2 questions has been changed and is provided below:

Question #	Response Date
RAI 289 — 19-328	January 27, 2011
RAI 289 — 19-329	March 31, 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, September 22, 2010 2:47 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. 289, FSAR Ch. 19, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, Supplement 3 on July 20, 2010, and Supplement 4 on August 20, 2010, providing an updated schedule for the response.

The schedule for RAI 289 Question 19-328 is being revised to allow more time to interact with the NRC. The schedule for technically correct and complete responses to the remaining 2 questions has been changed and is provided below:

Question #	Response Date
RAI 289 — 19-328	January 27, 2011
RAI 289 — 19-329	October 15, 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: BRYAN Martin (External RS/NB)
Sent: Friday, August 20, 2010 12:42 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. 289, FSAR Ch. 19, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, Supplement 2 on June 11, 2010, and Supplement 3 on July 20, 2010 providing an updated schedule for the response. AREVA NP provided a draft response to RAI 289 Question 19-328 on June 11, 2010.

The schedule for RAI 289 Question 19-328 is being revised to allow more time to interact with the NRC on the draft response. The schedule for technically correct and complete responses to the remaining 2 questions has been changed and is provided below:

Question #	Supplement Date (providing FSAR Markup)
RAI 289 — 19-328	September 23, 2010
RAI 289 — 19-329	October 15, 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: BRYAN Martin (EXT)
Sent: Tuesday, July 20, 2010 4:31 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); NOXON David B (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 289, FSAR Ch. 19, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, and Supplement 2 on June 11, 2010, providing an updated schedule for the response. AREVA NP provided a draft response to RAI 289 Question 19-328 on June 11, 2010.

The schedule for RAI 289 Question 19-328 is being revised to allow more time for NRC review of the draft response. If the response can be sent as final let me know.

The schedule for technically correct and complete responses to the remaining 2 questions has been changed and is provided below:

Question #	Supplement Date (providing FSAR Markup)
RAI 289 — 19-328	August 23, 2010
RAI 289 — 19-329	October 15, 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: BRYAN Martin (EXT)
Sent: Friday, June 11, 2010 4:05 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); NOXON David B (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 289, FSAR Ch. 19, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010. AREVA NP submitted Supplement 1 to the response on May 24, 2010, providing an updated schedule for the response.

The schedule for RAI 289 Question 19-328 is being revised to allow time to interact with the NRC on the draft response. The schedule for technically correct and complete responses to the remaining 2 questions has been changed and is provided below:

Question #	Supplement Date (providing FSAR Markup)
RAI 289 — 19-328	July 21, 2010
RAI 289 — 19-329	October 15, 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: BRYAN Martin (EXT)
Sent: Monday, May 24, 2010 4:49 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); NOXON David B (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 289, FSAR Ch. 19, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 289 on February 17, 2010.

As agreed with the NRC, the schedule for RAI 289 Question 19-328 is being revised to allow more time to discuss the proposed response with the NRC. A telecon was originally scheduled for May 19, 2010 to discuss the proposed responses, but it had to be rescheduled. The schedule for technically correct and complete responses to the remaining 2 questions has been changed and is provided below:

Question #	Supplement Date (providing FSAR Markup)
RAI 289 — 19-328	June 21, 2010
RAI 289 — 19-329	October 15, 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: DUNCAN Leslie E (AREVA NP INC)
Sent: Wednesday, February 17, 2010 4:47 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); ROMINE Judy (AREVA NP INC); NOXON David B (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 289, FSAR Ch. 19

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 289 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 289 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 289 — 19-328	2	2
RAI 289 — 19-329	3	3

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

Question #	Response Date
RAI 289 — 19-328	May 24, 2010
RAI 289 — 19-329	October 15, 2010

Sincerely,

Les Duncan
 Licensing Engineer
AREVA NP Inc.
 An AREVA and Siemens Company

Tel: (434) 832-2849
Leslie.Duncan@areva.com

From: Tesfaye, Getachew [<mailto:Getachew.Tesfaye@nrc.gov>]
Sent: Thursday, September 10, 2009 9:02 AM
To: ZZ-DL-A-USEPR-DL
Cc: Clark, Theresa; Phan, Hanh; Fuller, Edward; Mrowca, Lynn; Chowdhury, Prosanta; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 289 (3500), FSARCh. 19

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on August 28, 2009, and on September 4, 2009, 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 questions in this RAI are considered potential open items for Phases 2 and 3 reviews. As such, the schedule we have established for your application assumes technically correct and complete responses prior to the start of Phase 4 review. For any RAI question that cannot be answered prior to the start of Phase 4 review, it is expected that a date for receipt of this information will be provided 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: 3625

Mail Envelope Properties (2FBE1051AEB2E748A0F98DF9EEE5A5D4A02951)

Subject: Response to U.S. EPR Design Certification Application RAI No. 289, FSAR Ch. 19, Supplement 14
Sent Date: 12/13/2011 4:31:07 PM
Received Date: 12/13/2011 4:31:25 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	22891	12/13/2011 4:31:25 PM

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