# **ArevaEPRDCPEm Resource**

From: WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]

**Sent:** Thursday, June 30, 2011 4:48 PM

To: Tesfaye, Getachew

Cc: BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom

(AREVA); KOWALSKI David (AREVA)

Subject: Response to U.S. EPR Design Certification Application RAI No. 398, FSAR Ch. 9,

Supplement 11

## Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010. Supplement 1, Supplement 2, Supplement 3, Supplement 4, Supplement 5, Supplement 6, Supplement 7, Supplement 8, Supplement 9 and Supplement 10 responses to RAI No. 398 were sent on August 31, 2010, October 5, 2010, October 26, 2010, November 22, 2010, January 6, 2011, February 9, 2011, March 2, 2011, April 5, 2011, May 4, 2011 and June 3, 2011, respectively, to provide a revised schedule.

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

Question #	Response Date
RAI 398 — 09.01.04-18	August 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

From: RYAN Tom (RS/NB)

Sent: Friday, June 03, 2011 9:40 AM

**To:** Tesfaye, Getachew

Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); WILLIFORD Dennis

(RS/NB); KOWALSKI David (RS/NB)

Subject: Response to U.S. EPR Design Certification Application RAI No. 398, FSAR Ch. 9, Supplement 10

#### Getachew.

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010. Supplement 1, Supplement 2, Supplement 3, Supplement 4, Supplement 5, Supplement 6, Supplement 7, Supplement 8 and Supplement 9 responses to RAI No. 398 were sent on August 31, 2010, October 5, 2010, October 26, 2010, November 22, 2010, January 6, 2011, February 9, 2011, March 2, 2011, April 5, 2011 and May 4, 2011, respectively, to provide a revised schedule.

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

Question #	Response Date	
RAI 398 — 09.01.04-18	June 30, 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:** Wednesday, May 04, 2011 1:10 PM

**To:** 'Tesfaye, Getachew'

Cc: KOWALSKI 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. 398, FSARCh. 9, Supplement 9

#### Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010. Supplement 1, Supplement 2, Supplement 3, Supplement 4, Supplement 5, Supplement 6, Supplement 7 and Supplement 8 responses to RAI No. 398 were sent on August 31, 2010, October 5, 2010, October 26, 2010, November 22, 2010, January 6, 2011, February 9, 2011, March 2, 2011 and April 5, 2011, respectively, to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

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

Question #	Response Date
RAI 398 — 09.01.04-18	June 3, 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, April 05, 2011 8:52 AM

To: 'Getachew.Tesfaye@nrc.gov'

Cc: KOWALSKI 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. 398, FSARCh. 9, Supplement 8

### Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010. Supplement 1, Supplement 2, Supplement 3, Supplement 4, Supplement 5, Supplement 6 and Supplement 7 responses to RAI No. 398 were sent on August 31, 2010, October 5, 2010, October 26, 2010, November 22, 2010, January 6, 2011, February 9, 2011 and March 2, 2011, respectively, to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

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

Question #	Response Date
RAI 398 — 09.01.04-18	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: Wednesday, March 02, 2011 10:10 AM

**To:** 'Tesfaye, Getachew'

**Cc:** BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); KOWALSKI David (RS/NB) **Subject:** Response to U.S. EPR Design Certification Application RAI No. 398, FSARCh. 9, Supplement 7

# Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010. Supplement 1, Supplement 2, Supplement 3, Supplement 4, Supplement 5 and Supplement 6 responses to RAI No. 398 were sent on August 31, 2010, October 5, 2010, October 26, 2010, November 22, 2010, January 6, 2011 and February 9, 2011, respectively, to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

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

Question #	Response Date	
RAI 398 — 09.01.04-18	April 7, 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 3:41 PM

To: 'Tesfaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB) **Subject:** Response to U.S. EPR Design Certification Application RAI No. 398, FSARCh. 9, Supplement 6

Getachew.

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010. Supplement 1, Supplement 2, Supplement 3, Supplement 4 and Supplement 5 responses to RAI No. 398 were sent on August 31, 2010, October 5, 2010, October 26, 2010, November 22, 2010 and January 6, 2011, respectively, to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

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

Question #	Response Date	
RAI 398 — 09.01.04-18	March 9, 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:** Thursday, January 06, 2011 9:41 AM

To: Tesfaye, Getachew

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB) **Subject:** Response to U.S. EPR Design Certification Application RAI No. 398, FSARCh. 9, Supplement 5

#### Getachew.

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010. Supplement 1, Supplement 2, Supplement 3 and Supplement 4 responses to RAI No. 398 were sent on August 31, 2010, October 5, 2010, October 26, 2010 and November 22, 2010, respectively, to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

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

Question #	Response Date	
RAI 398 — 09.01.04-18	February 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:** Monday, November 22, 2010 4:26 PM

**To:** 'Tesfaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB) **Subject:** Response to U.S. EPR Design Certification Application RAI No. 398, FSARCh. 9, Supplement 4

# Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010. Supplement 1, Supplement 2 and Supplement 3 responses to RAI No. 398 were sent on August 31, 2010, October 5, 2010 and October 26, 2010, respectively, to provide a revised schedule.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

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

Question #	Response Date
RAI 398 — 09.01.04-18	January 6, 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:** Tuesday, October 26, 2010 11:54 AM

To: 'Tesfaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB) **Subject:** Response to U.S. EPR Design Certification Application RAI No. 398, FSARCh. 9, Supplement 3

## Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010. The schedule was revised in Supplement 1 on August 31, 2010. The schedule was revised in Supplement 2 on October 5, 2010. To allow additional time to interact with the NRC, the schedule is being revised.

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

Question #	Response Date	
RAI 398 — 09.01.04-18	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:** BRYAN Martin (External RS/NB) **Sent:** Tuesday, October 05, 2010 5:37 PM

**To:** 'Tesfaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB) **Subject:** Response to U.S. EPR Design Certification Application RAI No. 398, FSARCh. 9, Supplement 2

#### Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010. The schedule was revised in Supplement 1 on August 31, 2010. To allow additional time to interact with the NRC, the schedule is being revised.

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

Question #	Response Date
RAI 398 — 09.01.04-18	October 27, 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:** Tuesday, August 31, 2010 9:44 AM

To: 'Tesfaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB) **Subject:** Response to U.S. EPR Design Certification Application RAI No. 398, FSARCh. 9, Supplement 1

#### Getachew.

AREVA NP Inc. provided a schedule for a technically correct and complete response to the question in RAI No. 398 on July 21, 2010.

Since the response is still being processed, a revised schedule is provided in this e-mail. To facilitate the staff review, a draft is expected to be provided within two weeks.

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

Question #	Response Date	
RAI 398 — 09.01.04-18	October 7, 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: Wednesday, July 21, 2010 1:23 PM

**To:** 'Tesfaye, Getachew'

Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC);

KOWALSKI David J (AREVA NP INC)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 398, FSARCh. 9

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 398 Response US EPR DC," provides a schedule since a technically correct and complete response to the question is not provided.

The following table indicates the respective pages in the response document, "RAI 398 Response US EPR DC.pdf." that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 398 — 09.01.04-18	2	2

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

Question #	Response Date
RAI 398 — 09.01.04-18	August 31, 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:** Thursday, June 24, 2010 4:50 PM

To: ZZ-DL-A-USEPR-DL

Cc: Bernal, Sara; Roach, Edward; Hearn, Peter; Colaccino, Joseph; ArevaEPRDCPEm Resource

Subject: U.S. EPR Design Certification Application RAI No. 398 (4660), FSARCh. 9

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on May 4, 2010, and on June 24, 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: 3176

Mail Envelope Properties (2FBE1051AEB2E748A0F98DF9EEE5A5D47AF4DC)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 398, FSAR Ch.

9, Supplement 11

**Sent Date:** 6/30/2011 4:48:21 PM **Received Date:** 6/30/2011 4:48:25 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

"KOWALSKI David (AREVA)" < David.Kowalski@areva.com>

Tracking Status: None

"Tesfaye, Getachew" < Getachew. Tesfaye@nrc.gov>

Tracking Status: None

**Post Office:** auscharmx02.adom.ad.corp

Files Size Date & Time

MESSAGE 16042 6/30/2011 4:48:25 PM

**Options** 

Priority:StandardReturn Notification:NoReply Requested:NoSensitivity:Normal

Expiration Date: Recipients Received: