

ArevaEPRDCPEm Resource

From: BRYAN Martin (EXT) [Martin.Bryan.ext@areva.com]
Sent: Wednesday, May 19, 2010 3:19 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. 290, FSAR Ch 11, Supplement 6

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 290 on October 14, 2009. Supplement 1 to RAI No. 290 was sent on November 6, 2009 which provided a partial response to 1 of the 3 remaining questions. AREVA NP provided Supplement 2 on November 25, 2009 and Supplement 3 on December 8, 2009 to revise the schedule for the 3 remaining questions. AREVA NP provided Supplement 4 on December 10, 2009 to provide responses to the 3 remaining questions with a schedule to provide an FSAR markup. AREVA NP provided Supplement 5 on March 31, 2010 to provide an FSAR markup for 1 of the 3 questions as committed in the previous supplements.

Based on feedback from the April 22 and 23, 2010 Chapter 11 audit, a revised schedule for providing the FSAR markups for the remaining 2 questions is provided below.

Question #	Supplement Date (providing FSAR Markup)
RAI 290 — 11.05-16	July 29, 2010
RAI 290 — 11.05-19	July 29, 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, March 31, 2010 5:37 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. 290, FSAR Ch 11, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 290 on October 14, 2009. Supplement 1 to RAI No. 290 was sent on November 6, 2009 which provided a partial response to 1 of the 3 remaining questions. AREVA NP provided Supplement 2 on November 25, 2009 and Supplement 3 on December 8, 2009 to revise the schedule for the 3 remaining questions. AREVA NP

provided Supplement 4 on December 10, 2009 to address the 3 remaining questions and included a schedule to provide complete FSAR markups. The attached file, "RAI 290 Supplement 5 Response US EPR DC.pdf," provides a reference to the previously submitted response in Supplement 4 to Question 11.05-15.

Appended to this file is an affected page of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which supports the response to RAI 290 Questions 11.05 -15.

The following table indicates the respective pages in the response document, "RAI 290 Supplement 5 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 290 — 11.05-15	2	3

Based on additional time needed to update engineering source documents, a complete FSAR markup is not provided for 2 of the questions as originally scheduled for March 31, 2010. The revised schedule for the remaining 2 FSAR markups is provided below:

Question #	Supplement Date (providing FSAR Markup)
RAI 290 — 11.05-16	May 19, 2010
RAI 290 — 11.05-19	May 19, 2010

Sincerely,

Martin (Marty) C. Bryan
 Licensing Advisory Engineer
 AREVA NP Inc.
 Tel: (434) 832-3016
Martin.Bryan.ext@areva.com

From: Pederson Ronda M (AREVA NP INC)
Sent: Thursday, December 10, 2009 6:32 PM
To: 'Tesfaye, Getachew'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); NOXON David B (AREVA NP INC); WILLIFORD Dennis C (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 290, FSAR Ch 11, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 290 on October 14, 2009. Supplement 1 to RAI No. 290 was sent on November 6, 2009 which provided a partial response to 1 of the 3 remaining questions. Supplement 2 and Supplement 3 revised the schedule for the 3 remaining questions. The attached file, "RAI 290 Supplement 4 Response US EPR DC.pdf," provides a technically correct and complete response to the 3 remaining questions, as committed.

Appended to this file are two of the affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which support the response to RAI 290 Question 11.05-15.

A complete FSAR markup is not provided for the RAI 290 questions. As agreed by NRC staff during an FSAR Chapter 11 audit on October 7, 2009, FSAR markups may be submitted after Phase 2 completion to support Staff review to close confirmatory items. Therefore, a complete FSAR markup for the RAI 290 questions will be provided as indicated in the following table:

Question #	Supplement Date (providing FSAR Markup)
RAI 290 — 11.05-15	March 31, 2010
RAI 290 — 11.05-16	March 31, 2010
RAI 290 — 11.05-19	March 31, 2010

The following table indicates the respective pages in the response document, "RAI 290 Supplement 4 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 290 — 11.05-15	2	3
RAI 290 — 11.05-16	4	6
RAI 290 — 11.05-19	7	8

This concludes the formal AREVA NP response to RAI 290, and there are no questions from this RAI for which AREVA NP has not provided responses.

Sincerely,

Ronda Pederson

ronda.pederson@areva.com

Licensing Manager, U.S. EPR Design Certification

AREVA NP Inc.

An AREVA and Siemens company

3315 Old Forest Road

Lynchburg, VA 24506-0935

Phone: 434-832-3694

Cell: 434-841-8788

From: Pederson Ronda M (AREVA NP INC)

Sent: Tuesday, December 08, 2009 6:39 PM

To: Tesfaye, Getachew

Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); NOXON David B (AREVA NP INC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 290, FSAR Ch 11, Supplement 3

Getachew,

AREVA NP is unable to provide a technically correct and complete response to the remaining questions for RAI 290 as committed and a revised schedule for a technically correct and complete response to the remaining questions is provided below.

Question #	Response Date
RAI 290 — 11.05-15	December 11, 2009
RAI 290 — 11.05-16	December 11, 2009
RAI 290 — 11.05-19	December 11, 2009

Sincerely,

Ronda Pederson

ronda.pederson@areva.com

Licensing Manager, U.S. EPR Design Certification

AREVA NP Inc.

An AREVA and Siemens company

3315 Old Forest Road

Lynchburg, VA 24506-0935

Phone: 434-832-3694

Cell: 434-841-8788

From: WELLS Russell D (AREVA NP INC)

Sent: Wednesday, November 25, 2009 2:45 PM

To: 'Getachew Tesfaye'; 'Michael Miernicki'

Cc: Pederson Ronda M (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 290, FSAR Ch 11, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided technically correct and complete responses to 2 of the 5 questions to RAI No. 290 on October 22, 2009. AREVA NP submitted Supplement 1 on November 6, 2009 which provided a technically correct and complete response to portions of 1 of the remaining 3 questions and indicated that a complete response to the remaining 3 questions would be provided by November 25, 2009.

However, AREVA NP is unable to provide a technically correct and complete response to the remaining questions for RAI 290 as committed and a revised schedule for a technically correct and complete response to the remaining questions is provided below.

Question #	Response Date
RAI 290 — 11.05-15	December 8, 2009
RAI 290 — 11.05-16	December 8, 2009
RAI 290 — 11.05-19	December 8, 2009

Sincerely,

(Russ Wells on behalf of)

Ronda Pederson

ronda.pederson@areva.com

Licensing Manager, U.S. EPR Design Certification

New Plants Deployment

AREVA NP, Inc.

An AREVA and Siemens company

3315 Old Forest Road

Lynchburg, VA 24506-0935

Phone: 434-832-3694

Cell: 434-841-8788

From: Pederson Ronda M (AREVA NP INC)

Sent: Friday, November 06, 2009 8:38 PM

To: Tesfaye, Getachew

Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); WILLIFORD Dennis C (AREVA NP INC); SLIVA Dana (AREVA NP INC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 290, FSARCh. 11, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided technically correct and complete responses to 2 of the 5 questions to RAI No. 290 on October 22, 2009. The attached file, "RAI 290 Supplement 1 Response US EPR DC.pdf," provides a technically correct and complete responses to portions of 1 of the remaining 3 questions, as committed.

Appended to this file are affected pages of the U.S. EPR Final Safety Analysis Report (FSAR) in redline-strikeout format which support the response to RAI 290 Question 11.05 -15a.

The following table indicates the respective pages in the response document, "RAI 290 Response US EPR DC.pdf," that contains AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 290 — 11.05-15 Parts a & b	2	3

A complete answer has not been provided for 3 questions. The schedule for a technically correct and complete response to these questions has been revised as provided below.

Question #	Response Date
RAI 290 — 11.05-15 Part c	November 25, 2009
RAI 290 — 11.05-16	November 25, 2009
RAI 290 — 11.05-19	November 25, 2009

Sincerely,

Ronda Pederson

ronda.pederson@areva.com

Licensing Manager, U.S. EPR Design Certification

AREVA NP Inc.

An AREVA and Siemens company

3315 Old Forest Road

Lynchburg, VA 24506-0935

Phone: 434-832-3694

Cell: 434-841-8788

From: Pederson Ronda M (AREVA NP INC)

Sent: Thursday, October 22, 2009 3:48 PM

To: 'Tesfaye, Getachew'

Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); WILLIFORD Dennis C (AREVA NP INC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 290, FSARCh. 11

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 290 Response US EPR DC.pdf" provides technically correct and complete responses to 2 of the 5 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 290 Questions 11.05-17 and 11.05-18.

The following table indicates the respective page in the response document, "RAI 290 Response US EPR DC.pdf," that contains AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 290 — 11.05-15	2	2
RAI 290 — 11.05-16	3	3
RAI 290 — 11.05-17	4	4
RAI 290 — 11.05-18	5	5
RAI 290 — 11.05-19	6	6

A complete answer is not provided for 3 of the 5 questions. The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 290 — 11.05-15	November 6, 2009
RAI 290 — 11.05-16	November 6, 2009
RAI 290 — 11.05-19	November 6, 2009

Sincerely,

Ronda Pederson

ronda.pederson@areva.com

Licensing Manager, U.S. EPR Design Certification

AREVA NP Inc.

An AREVA and Siemens company

3315 Old Forest Road

Lynchburg, VA 24506-0935

Phone: 434-832-3694

Cell: 434-841-8788

From: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]

Sent: Tuesday, September 22, 2009 10:17 AM

To: ZZ-DL-A-USEPR-DL

Cc: Dehmel, Jean-Claude; Frye, Timothy; Jennings, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource

Subject: U.S. EPR Design Certification Application RAI No. 290 (3637), FSARCh. 11

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on September 10, 2009, and on September 22, 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 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: 1424

Mail Envelope Properties (BC417D9255991046A37DD56CF597DB71063127E1)

Subject: Response to U.S. EPR Design Certification Application RAI No. 290, FSAR Ch
11, Supplement 6
Sent Date: 5/19/2010 3:18:58 PM
Received Date: 5/19/2010 3:19:02 PM
From: BRYAN Martin (EXT)

Created By: Martin.Bryan.ext@areva.com

Recipients:

"DELANO Karen V (AREVA NP INC)" <Karen.Delano@areva.com>

Tracking Status: None

"ROMINE Judy (AREVA NP INC)" <Judy.Romine@areva.com>

Tracking Status: None

"BENNETT Kathy A (OFR) (AREVA NP INC)" <Kathy.Bennett@areva.com>

Tracking Status: None

"NOXON David B (AREVA NP INC)" <David.Noxon@areva.com>

Tracking Status: None

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

Tracking Status: None

Post Office: AUSLYNCMX02.adom.ad.corp

Files	Size	Date & Time
MESSAGE	13219	5/19/2010 3:19:02 PM

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received: