

ArevaEPRDCPEm Resource

From: WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]
Sent: Wednesday, August 10, 2011 5:34 PM
To: Tesfaye, Getachew
Cc: BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); GUCWA Len (EXTERNAL AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 437, FSAR Ch. 6, Supplement 7

Getachew,

AREVA NP Inc. letter NRC:11:088 dated August 10, 2011 provides a technically correct and complete response to 2 of the remaining 3 questions in RAI 437. 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 enclosure that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 437 — 06.02.01-100	2	22
RAI 437 — 06.02.01-101	23	24

The schedule for a technically correct and complete response to the one remaining question of RAI No. 437 has been changed as provided below.

Question #	Schedule
RAI 437 — 06.02.01-99	October 5, 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: Wednesday, June 15, 2011 7:49 AM
To: 'Tesfaye, Getachew'
Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); GUCWA Len (External RS/NB); WILLIFORD Dennis (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 437, FSARCh. 6, Supplement 6

Getachew,

On November 19, 2010, AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to the 6 questions in RAI 437. Supplement 1 response to RAI 437 was provided on

February 24, 2011 to revise the schedule for responding to Question 06.02.01-98. Supplement 2 response to RAI 437 was provided on March 16, 2011 to revise the schedule for responding to Questions 06.02.01-96, 06.02.01-97, 06.02.01-98, 06.02.01-99, 06.02.01-100 and 06.02.01-101. Supplement 3 response to RAI 437 was provided on April 14, 2011 to revise the schedule for responding to Questions 06.02.01-99, 06.02.01-100 and 06.02.01-101. Supplement 4 response to RAI 437 was provided on April 28, 2011 to revise the schedule for responding to Questions 06.02.01-96, 06.02.01-97 and 06.02.01-98. Supplement 5 response to RAI 437 was provided on May 25, 2011 to revise the schedule for responding to Questions 06.02.01-99, 06.02.01-100 and 06.02.01-101.

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI) for Questions 06.02.01-96, 06.02.01-97 and 06.02.01-98. The attached file, "RAI 437 Supplement 6 Response US EPR DC.pdf" provides a technically correct and complete FINAL response to 3 of the 6 questions.

The following table indicates the respective pages in the response document, "RAI 437 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 437 — 06.02.01-96	2	3
RAI 437 — 06.02.01-97	4	7
RAI 437 — 06.02.01-98	8	9

AREVA NP is providing a revised schedule for responding to Questions 06.02.01-99, 06.02.01-100 and 06.02.01-101. The schedule for a technically correct and complete response to these questions is listed below.

Question #	Response Date
RAI 437 — 06.02.01-99	August 10, 2011
RAI 437 — 06.02.01-100	August 10, 2011
RAI 437 — 06.02.01-101	August 10, 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: WILLIFORD Dennis (RS/NB)
Sent: Wednesday, May 25, 2011 5:16 PM
To: Tesfaye, Getachew
Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); GUCWA Len (External RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 437, FSARCh. 6, Supplement 5

Getachew,

On November 19, 2010, AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to the 6 questions in RAI 437. Supplement 1 response to RAI 437 was provided on February 24, 2011 to revise the schedule for responding to Question 06.02.01-98. Supplement 2 response to RAI 437 was provided on March 16, 2011 to revise the schedule for responding to Questions 06.02.01-96, 06.02.01-97, 06.02.01-98, 06.02.01-99, 06.02.01-100 and 06.02.01-101. Supplement 3 response to RAI 437 was provided on April 14, 2011 to revise the schedule for responding to Questions 06.02.01-99, 06.02.01-100 and 06.02.01-101. Supplement 4 response to RAI 437 was provided on April 28, 2011 to revise the schedule for responding to Questions 06.02.01-96, 06.02.01-97 and 06.02.01-98.

AREVA NP is providing a revised schedule for responding to Questions 06.02.01-99, 06.02.01-100 and 06.02.01-101. The schedule for a technically correct and complete response to these questions is listed in bold below. The schedule for Questions 06.02.01-96, 06.02.01-97 and 06.02.01-98, also provided below, is unchanged.

Question #	Response Date
RAI 437 — 06.02.01-96	June 15, 2011
RAI 437 — 06.02.01-97	June 29, 2011
RAI 437 — 06.02.01-98	June 15, 2011
RAI 437 — 06.02.01-99	June 22, 2011
RAI 437 — 06.02.01-100	June 22, 2011
RAI 437 — 06.02.01-101	June 22, 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: Thursday, April 28, 2011 2:05 PM
To: Tesfaye, Getachew
Cc: GUCWA Len (External 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. 437, FSARCh. 6, Supplement 4

Getachew,

On November 19, 2010, AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to the 6 questions in RAI 437. Supplement 1 response to RAI 437 was provided on February 24, 2011 to revise the schedule for responding to Question 06.02.01-98. Supplement 2 response to RAI 437 was provided on March 16, 2011 to revise the schedule for responding to Questions 06.02.01-96, 06.02.01-97, 06.02.01-98, 06.02.01-99, 06.02.01-100 and 06.02.01-101. Supplement 3 response to RAI 437 was provided on April 14, 2011 to revise the schedule for responding to Questions 06.02.01-99, 06.02.01-100 and 06.02.01-101.

To provide an opportunity for additional interaction with the NRC staff, AREVA NP is providing a revised schedule for responding to Questions 06.02.01-96, 06.02.01-97 and 06.02.01-98 as provided below. The schedule for Questions 06.02.01-99, 06.02.01-100 and 06.02.01-101 is unchanged.

Question #	Response Date
RAI 437 — 06.02.01-96	June 15, 2011
RAI 437 — 06.02.01-97	June 29, 2011
RAI 437 — 06.02.01-98	June 15, 2011
RAI 437 — 06.02.01-99	May 25, 2011
RAI 437 — 06.02.01-100	May 25, 2011
RAI 437 — 06.02.01-101	May 25, 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: Thursday, April 14, 2011 1:30 PM

To: 'Tesfaye, Getachew'

Cc: GUCWA Len (External 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. 437, FSARCh. 6, Supplement 3

Getachew,

On November 19, 2010, AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to the 6 questions in RAI 437. Supplement 1 response to RAI 437 was provided on February 24, 2011 to revise the schedule for responding to Question 06.02.01-98. Supplement 2 response to RAI 437 was provided on March 16, 2011 to revise the schedule for responding to Questions 06.02.01-96, 06.02.01-97, 06.02.01-98, 06.02.01-99, 06.02.01-100 and 06.02.01-101.

To provide an opportunity for additional interaction with the NRC staff, AREVA NP is providing a revised schedule for responding to Questions 06.02.01-99, 06.02.01-100 and 06.02.01-101 as provided below. The schedule for Questions 06.02.01-96, 06.02.01-97 and 06.02.01-98 is unchanged.

Question #	Response Date
RAI 437 — 06.02.01-96	April 28, 2011
RAI 437 — 06.02.01-97	April 28, 2011
RAI 437 — 06.02.01-98	April 28, 2011
RAI 437 — 06.02.01-99	May 25, 2011
RAI 437 — 06.02.01-100	May 25, 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 16, 2011 4:34 PM
To: 'Tefaye, Getachew'
Cc: GUCWA Len (External 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. 437, FSARCh. 6, Supplement 2

Getachew,

On November 19, 2010, AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to the 6 questions in RAI 437. Supplement 1 response to RAI 437 was provided on February 24, 2011 to revise the schedule for responding to Question 06.02.01-98.

To provide an opportunity for additional interaction with the NRC staff, AREVA NP is providing a revised schedule for responding to Questions 06.02.01-96, 06.02.01-97, 06.02.01-98, 06.02.01-99, 06.02.01-100 and 06.02.01-101.

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

Question #	Response Date
RAI 437 — 06.02.01-96	April 28, 2011
RAI 437 — 06.02.01-97	April 28, 2011
RAI 437 — 06.02.01-98	April 28, 2011
RAI 437 — 06.02.01-99	April 14, 2011
RAI 437 — 06.02.01-100	April 14, 2011
RAI 437 — 06.02.01-101	April 14, 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: Thursday, February 24, 2011 4:51 PM

To: 'Tefaye, Getachew'

Cc: BRYAN Martin (External RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); GUCWA Len (External RS/NB)

Subject: Response to U.S. EPR Design Certification Application RAI No. 437, FSARCh. 6, Supplement 1

Getachew,

On November 19, 2010, AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to the 6 questions in RAI 437. To provide an opportunity for additional interaction with the NRC staff, AREVA NP is providing a revised schedule for responding to Question 06.02.01-98. The schedule for the remaining questions is unchanged.

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

Question #	Response Date
RAI 437 — 06.02.01-96	March 31, 2011
RAI 437 — 06.02.01-97	March 31, 2011
RAI 437 — 06.02.01-98	April 14, 2011
RAI 437 — 06.02.01-99	March 16, 2011
RAI 437 — 06.02.01-100	March 16, 2011
RAI 437 — 06.02.01-101	March 16, 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: Friday, November 19, 2010 2:49 PM

To: 'Tefaye, Getachew'

Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); GUCWA Len (External RS/NB); 'Miernicki, Michael'

Subject: Response to U.S. EPR Design Certification Application RAI No. 437, FSARCh. 6

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 437 Response US EPR DC.pdf" provides a schedule since a technically correct and complete response to the 6 questions is not provided.

The following table indicates the respective pages in the response document, "RAI 437 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 437 — 06.02.01-96	2	2
RAI 437 — 06.02.01-97	3	3
RAI 437 — 06.02.01-98	4	4
RAI 437 — 06.02.01-99	5	5
RAI 437 — 06.02.01-100	6	6
RAI 437 — 06.02.01-101	7	7

A complete answer is not provided for 6 of the 6 questions. The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 437 — 06.02.01-96	March 31, 2011
RAI 437 — 06.02.01-97	March 31, 2011
RAI 437 — 06.02.01-98	March 16, 2011
RAI 437 — 06.02.01-99	March 16, 2011
RAI 437 — 06.02.01-100	March 16, 2011
RAI 437 — 06.02.01-101	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: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]

Sent: Wednesday, October 20, 2010 7:18 AM

To: ZZ-DL-A-USEPR-DL

Cc: Jensen, Walton; Jackson, Christopher; McKirgan, John; Carneal, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource

Subject: U.S. EPR Design Certification Application RAI No. 437 (4953), FSARCh. 6

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on August 18, 2010, and discussed with your staff on September 30, 2010. Draft RAI Questions 06.02.01-97 and 06.02.01-98 were modified as a result of that discussion. 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: 3320

Mail Envelope Properties (2FBE1051AEB2E748A0F98DF9EEE5A5D482D63D)

Subject: Response to U.S. EPR Design Certification Application RAI No. 437, FSAR Ch. 6, Supplement 7
Sent Date: 8/10/2011 5:33:58 PM
Received Date: 8/10/2011 5:34:08 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
"GUCWA Len (EXTERNAL AREVA)" <Len.Gucwa.ext@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	15723	8/10/2011 5:34:08 PM

Options

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