

ArevaEPRDCDocsPEm Resource

From: KOWALSKI David (AREVA) [David.Kowalski@areva.com]
Sent: Wednesday, June 19, 2013 5:39 PM
To: Snyder, Amy
Cc: Gleaves, Bill; ANDERSON Katherine (EXTERNAL AREVA); DELANO Karen (AREVA); LEIGHLITER John (AREVA); LEWIS Ray (EXTERNAL AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); SHEPHERD Tracey (AREVA); VANCE Brian (AREVA); GUCWA Len (EXTERNAL AREVA); KOWALSKI David (AREVA); WILLIFORD Dennis (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 233, FSAR Ch 6, Supplement 6
Importance: High

Amy,

AREVA NP Inc. provided responses to portions of two of the four questions of RAI No. 233 on July 10, 2009. Supplement 1 response was sent on September 1, 2009 to provide responses for the remaining portions of these two Questions 06.05.01-1 and 06.05.03-1. Supplement 2 and Supplement 3 responses were sent on December 18, 2009 and April 22, 2010, respectively, to provide a revised schedule for the remaining two Questions 06.02.02-29 and 06.02.02-30. Supplement 4 response was sent on May 20, 2010 to provide technically correct and complete final responses to Questions 06.02.02-29 and 06.02.02-30.

Supplement 5 response was sent on April 25, 2013 to provide a technically correct and complete revised response to Question 06.05.03-1. This response superseded in its entirety the response to Question 06.05.03-1 provided in RAI 233, and RAI 233, Supplement 1. The response to Question 06.05.03-1 had been updated to address RAI 511, Question 06.04-9, Item d, and was revised to consider both the Safeguard Buildings and Fuel Building.

As discussed with the NRC staff during a conference call on June 3, 2013, AREVA NP committed to provide the NRC with a schedule for submitting a revised final response to Question 06.05.03-1, which incorporates NRC review comments on the RAI 233 Supplement 5 response.

The schedule for a technically correct and complete final response to Question 06.05.03-1 is provided below.

Question #	Final Response Date
RAI 233 — 06.05.03-1	June 28, 2013

Sincerely,

David J. Kowalski 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: Thursday, April 25, 2013 5:14 PM
To: Amy.Snyder@nrc.gov

Cc: bill.gleaves@nrc.gov; ANDERSON Katherine (External AREVA NP INC.); DELANO Karen (RS/NB); LEIGHLITER John (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); HONMA George (EXT); KOWALSKI David (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No. 233, FSAR Ch 6, Supplement 5

Amy,

AREVA NP Inc. provided responses to portions of two of the four questions of RAI No. 233 on July 10, 2009. Supplement 1 response was sent on September 1, 2009 to provide responses for the remaining portions of these two questions (06.05.01-1 and 06.05.03-1). Supplement 2 and Supplement 3 responses were sent on December 18, 2009 and April 22, 2010, respectively, to provide a revised schedule for the remaining two questions (06.02.02-29 and 06.02.02-30). Supplement 4 response was sent on May 20, 2010 to provide technically correct and complete final responses to Questions 06.02.02-29 and 06.02.02-30.

The attached file, "RAI 233 Supplement 5 Response US EPR DC.pdf," provides a technically correct and complete revised response to Question 06.05.03-1. This response supersedes in its entirety the response to Question 06.05.03-1 provided in RAI 233, and RAI 233, Supplement 1. The response to Question 06.05.03-1 is being revised to address NRC staff comments on RAI 511, Question 06.04-9, Item d. The response has been updated to consider both the Safeguard Buildings and Fuel Building.

The following table indicates the respective pages in the response document, "RAI 233 Supplement 5 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 233 — 06.05.03-1	2	3

This concludes the formal AREVA NP response to RAI 233, and there are no questions from this RAI for which AREVA NP has not provided responses.

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: BRYAN Martin (EXT)
Sent: Thursday, May 20, 2010 3:37 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); GUCWA Len T (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 233, FSAR Ch 6, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to portions of 2 of the 4 questions of RAI No. 233 on July 10, 2009. Responses to portions of the 2 remaining questions were provided by AREVA NP on September 1, 2009. AREVA NP submitted Supplement 2 to the response on December 18, 2009 to provide a revised response schedule. AREVA NP submitted Supplement 3 to the response on April 22, 2010 to provide a revised response schedule.

The attached file, "RAI 233 Supplement 4 Response US EPR DC.pdf," provides a technically correct and complete response to the 2 remaining questions.

The following table indicates the respective pages in the response document, "RAI 233 Supplement 4 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 233 — 06.02.02-29	2	3
RAI 233 — 06.02.02-30	4	6

This concludes the formal AREVA NP response to RAI 233, and there are no questions from this RAI for which AREVA NP has not provided responses.

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: Thursday, April 22, 2010 6:18 PM
To: 'Getachew.Tesfaye@nrc.gov'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); GUCWA Len T (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 233, FSAR Ch 6, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to portions of 2 of the 4 questions of RAI No. 233 on July 10, 2009. Responses to portions of the 2 remaining questions were provided by AREVA NP on September 1, 2009. AREVA NP submitted Supplement 2 to the response on December 18, 2009 to provide a revised response schedule.

Responses to the remaining RAI 233 questions are dependent upon the results of ongoing GSI-191 evaluations for demonstrating sump strainer performance. Because of these ongoing activities, AREVA NP is not providing a response at this time.

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

Question #	Response Date
RAI 233 — 06.02.02-29	May 20, 2010
RAI 233 — 06.02.02-30	May 20, 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: Pederson Ronda M (AREVA NP INC)
Sent: Friday, December 18, 2009 3:27 PM
To: 'Tesfaye, Getachew'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); GUCWA Len T (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 233, FSAR Ch 6, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to portions of 2 of the 4 questions of RAI No. 233 on July 10, 2009. Responses to portions of the 2 remaining questions were provided by AREVA NP on September 1, 2009.

Responses to the remaining RAI 233 questions are dependent upon the results of ongoing GSI-191 head loss testing, which will demonstrate sump strainer performance. Because additional testing is planned, AREVA NP is not providing a response at this time.

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

Question #	Response Date
RAI 233 — 06.02.02-29	April 22, 2010
RAI 233 — 06.02.02-30	April 22, 2010

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: Tuesday, September 01, 2009 10:44 AM
To: 'Getachew Tesfaye'
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. 233, FSAR Ch 6, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to portions of 2 of the 4 questions of RAI No. 233 on July 10, 2009. The attached file, "RAI 233 Supplement 1 Response US EPR DC.pdf" provides technically correct responses to portions of 2 of the remaining 4 questions, as committed.

The following table indicates the respective pages in the response document, "RAI 233 Supplement 1 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 233 — 06.05.01-1	2	4
RAI 233 — 06.05.03-1	5	5

The schedule for providing technically correct and complete responses to the remaining 2 questions is unchanged and is provided below:

Question #	Response Date
RAI 233 — 06.02.02-29	December 18, 2009
RAI 233 — 06.02.02-30	December 18, 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, July 10, 2009 9:54 AM

To: 'Tsfaye, Getachew'

Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); GUCWA Len T (EXT)

Subject: Response to U.S. EPR Design Certification Application RAI No. 233, FSAR Ch. 6

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 233 Response US EPR DC.pdf" provides responses to portions of 2 of the 4 questions.

The following table indicates the respective pages in the response document, "RAI 233 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 233 — 06.02.02-29	2	2
RAI 233 — 06.02.02-30	3	5
RAI 233 — 06.05.01-1	6	7
RAI 233 — 06.05.03-1	8	8

A complete answer is not provided for the 4 questions. The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 233 — 06.02.02-29	December 18, 2009
RAI 233 — 06.02.02-30	December 18, 2009
RAI 233 — 06.05.01-1 (Parts 2, 4, and 5)	September 3, 2009
RAI 233 — 06.05.03-1 (Part d)	September 3, 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: Friday, June 12, 2009 5:18 PM

To: ZZ-DL-A-USEPR-DL

Cc: Ashley, Clinton; ODriscoll, James; Jackson, Christopher; Carneal, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource

Subject: U.S. EPR Design Certification Application RAI No. 233 (2857, 2872,2873), FSAR Ch. 6

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on May 19, 2009, and on June 12, 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. Per your request, we support future interaction to give you an opportunity to clarify your design regarding Question 06.05.03-1 part d . 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_Docs_Public
Email Number: 17

Mail Envelope Properties (B13FF3C366E1F64F8CF2CE718C679922134173)

Subject: Response to U.S. EPR Design Certification Application RAI No. 233, FSAR Ch 6, Supplement 6
Sent Date: 6/19/2013 5:39:12 PM
Received Date: 6/19/2013 5:39:17 PM
From: KOWALSKI David (AREVA)

Created By: David.Kowalski@areva.com

Recipients:

"Gleaves, Bill" <Bill.Gleaves@nrc.gov>
Tracking Status: None
"ANDERSON Katherine (EXTERNAL AREVA)" <katherine.anderson.ext@areva.com>
Tracking Status: None
"DELANO Karen (AREVA)" <Karen.Delano@areva.com>
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"WILLIFORD Dennis (AREVA)" <Dennis.Williford@areva.com>
Tracking Status: None
"Snyder, Amy" <Amy.Snyder@nrc.gov>
Tracking Status: None

Post Office: FUSLYNCMX03.fdom.ad.corp

Files	Size	Date & Time
MESSAGE	13036	6/19/2013 5:39:17 PM

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