

ArevaEPRDCPEm Resource

From: Pederson Ronda M (AREVA NP INC) [Ronda.Pederson@areva.com]
Sent: Monday, August 17, 2009 6:13 PM
To: Tesfaye, Getachew
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); PANNELL George L (AREVA NP INC); BUDZIK Dennis M (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 56, FSAR Ch 7, Supplement 6

Getachew,

AREVA NP is unable to provide responses to the two RAI responses that remain due to a delay in obtaining adequate technical basis information for properly supporting the submittal.

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

Question #	Response Date
RAI 56 — 07.09-2	October 22, 2009
RAI 56 — 07.09-4	October 22, 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: Friday, June 12, 2009 6:49 PM
To: 'Getachew Tesfaye'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); WELLS Russell D (AREVA NP INC); PANNELL George L (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 56, FSAR Ch 7, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 56 on November 26, 2008. AREVA NP submitted Supplement 1 to the response on January 14, 2009 to address 14 of the remaining 45 questions. AREVA NP submitted Supplement 2 to the response on February 4, 2009 to address 5 of the remaining questions. AREVA NP submitted Supplement 3 to the response on March 3, 2009 to address 9 of the remaining questions. AREVA NP submitted Supplement 4 to the response

on March 31, 2009 to address 9 of the remaining questions. The attached file, "RAI 56 Supplement 5 Response US EPR DC.pdf" provides technically correct and complete responses to 6 of the remaining 8 questions.

The two RAI responses, listed in the second table below, have been rescheduled due to a delay in obtaining adequate technical basis information for properly supporting the submittal.

The following table indicates the respective pages in the response document, "RAI 56 Supplement 5 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 56 — 07.09-9	2	4
RAI 56 — 07.09-26	5	5
RAI 56 — 07.09-31	6	7
RAI 56 — 07.09-40	8	10
RAI 56 — 07.09-42	11	12
RAI 56 — 07.09-43	13	14

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

Question #	Response Date
RAI 56 — 07.09-2	August 17, 2009
RAI 56 — 07.09-4	August 17, 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: Tuesday, March 31, 2009 1:20 PM

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. 56, FSAR Ch 7, Supplement 4

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to RAI No. 56 on November 26, 2008. AREVA NP submitted Supplement 1 to the response on January 14, 2009 to address 14 of the remaining 45 questions. AREVA NP submitted Supplement 2 to the response on February 4, 2009 to address 5 of the remaining 31 questions. AREVA NP submitted Supplement 3 to the response on March 3, 2009 to address 9 of the remaining 26 questions. The attached file, "RAI 56 Supplement 4 Response US EPR

DC.pdf” provides technically correct and complete responses to 9 of the remaining 17 questions, as committed.

The following table indicates the respective pages in the response document, “RAI 56 Supplement 4 Response US EPR DC.pdf,” that contain AREVA NP’s response to the subject questions.

Question #	Start Page	End Page
RAI 56 — 07.09-3	2	3
RAI 56 — 07.09-6	4	5
RAI 56 — 07.09-10	6	6
RAI 56 — 07.09-14	7	7
RAI 56 — 07.09-18	8	9
RAI 56 — 07.09-23	10	10
RAI 56 — 07.09-27	11	11
RAI 56 — 07.09-39	12	13
RAI 56 — 07.09-41	14	14

The revised schedule for technically correct and complete responses to the remaining 8 questions is provided below:

Question #	Response Date
RAI 56 — 07.09-2	June 12, 2009
RAI 56 — 07.09-4	June 12, 2009
RAI 56 — 07.09-9	June 12, 2009
RAI 56 — 07.09-26	June 12, 2009
RAI 56 — 07.09-31	June 12, 2009
RAI 56 — 07.09-40	June 12, 2009
RAI 56 — 07.09-42	June 12, 2009
RAI 56 — 07.09-43	June 12, 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.

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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, March 03, 2009 3:16 PM

To: Getachew Tesfaye

Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); PANNELL George L (AREVA NP INC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 56, Supplement 3

Getachew,

AREVA NP Inc. provided a schedule for a technically correct and complete response to RAI No. 56 on November 26, 2008. AREVA NP submitted Supplement 1 to the response on January 14, 2009 to address 14 of the remaining 45 questions. AREVA NP submitted Supplement 2 to the response on February 4, 2009 to address 5 of the remaining 31 questions. The attached file, "RAI 56 Supplement 3 Response US EPR DC.pdf" provides technically correct and complete responses to 9 of the remaining 26 questions, as committed.

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 56 Question 07.09-22.

The following table indicates the respective pages in the response document, "RAI 56 Supplement 3 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 56 — 07.09-8	2	2
RAI 56 — 07.09-13	3	4
RAI 56 — 07.09-15	5	5
RAI 56 — 07.09-16	6	8
RAI 56 — 07.09-20	9	9
RAI 56 — 07.09-21	10	10
RAI 56 — 07.09-22	11	12
RAI 56 — 07.09-24	13	13
RAI 56 — 07.09-38	14	14

The schedule for response to RAI 56 – 07.09-18 has been changed from March 3, 2009 to March 31, 2009. The schedule for technically correct and complete responses to the remaining 17 questions is unchanged, as indicated in the table provided below:

Question #	Response Date
RAI 56 — 07.09-2	March 31, 2009
RAI 56 — 07.09-3	March 31, 2009
RAI 56 — 07.09-4	March 31, 2009
RAI 56 — 07.09-6	March 31, 2009
RAI 56 — 07.09-9	March 31, 2009
RAI 56 — 07.09-10	March 31, 2009
RAI 56 — 07.09-14	March 31, 2009
RAI 56 — 07.09-18	March 31, 2009
RAI 56 — 07.09-23	March 31, 2009
RAI 56 — 07.09-26	March 31, 2009
RAI 56 — 07.09-27	March 31, 2009
RAI 56 — 07.09-31	March 31, 2009
RAI 56 — 07.09-39	March 31, 2009
RAI 56 — 07.09-40	March 31, 2009
RAI 56 — 07.09-41	March 31, 2009
RAI 56 — 07.09-42	March 31, 2009
RAI 56 — 07.09-43	March 31, 2009

Sincerely,

Ronda Pederson

ronda.pederson@areva.com

Licensing Manager, U.S. EPR Design Certification

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3315 Old Forest Road
Lynchburg, VA 24506-0935
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From: Pederson Ronda M (AREVA NP INC)
Sent: Wednesday, February 04, 2009 2:34 PM
To: 'Getachew Tesfaye'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); PANNELL George L (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 56, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) submitted Response to RAI No. 56, Supplement 1 on January 14, 2009 to address 14 of the 45 questions. The attached file, "RAI 56 Supplement 2 Response US EPR DC.pdf" provides technically correct and complete responses to 5 of the remaining 31 questions, as committed.

The following table indicates the respective pages in the response document, "RAI 56 Supplement 2 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 56 — 07.09-29	2	3
RAI 56 — 07.09-34	4	6
RAI 56 — 07.09-36	7	9
RAI 56 — 07.09-37	10	12
RAI 56 — 07.09-44	13	14

The schedule for technically correct and complete responses to the remaining 26 questions is unchanged and provided below:

Question #	Response Date
RAI 56 - 07.09-2	March 31, 2009
RAI 56 - 07.09-3	March 31, 2009
RAI 56 - 07.09-4	March 31, 2009
RAI 56 - 07.09-6	March 31, 2009
RAI 56 - 07.09-8	March 3, 2009
RAI 56 - 07.09-9	March 31, 2009
RAI 56 - 07.09-10	March 31, 2009
RAI 56 - 07.09-13	March 3, 2009
RAI 56 - 07.09-14	March 31, 2009
RAI 56 - 07.09-15	March 3, 2009
RAI 56 - 07.09-16	March 3, 2009
RAI 56 - 07.09-18	March 3, 2009
RAI 56 - 07.09-20	March 3, 2009
RAI 56 - 07.09-21	March 3, 2009
RAI 56 - 07.09-22	March 3, 2009
RAI 56 - 07.09-23	March 31, 2009
RAI 56 - 07.09-24	March 3, 2009

RAI 56 - 07.09-26	March 31, 2009
RAI 56 - 07.09-27	March 31, 2009
RAI 56 - 07.09-31	March 31, 2009
RAI 56 - 07.09-38	March 3, 2009
RAI 56 - 07.09-39	March 31, 2009
RAI 56 - 07.09-40	March 31, 2009
RAI 56 - 07.09-41	March 31, 2009
RAI 56 - 07.09-42	March 31, 2009
RAI 56 - 07.09-43	March 31, 2009

Sincerely,

Ronda Pederson

ronda.pederson@areva.com

Licensing Manager, U.S. EPR Design Certification

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3315 Old Forest Road

Lynchburg, VA 24506-0935

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From: Pederson Ronda M (AREVA NP INC)

Sent: Wednesday, January 14, 2009 1:26 PM

To: 'Getachew Tesfaye'

Cc: PANNELL George L (AREVA NP INC); DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 56, Supplement 1

Getachew,

The attached file, "RAI 56 Supplement 1 Response US EPR DC.pdf," provides technically correct and complete responses to 14 of the 45 questions, as committed.

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 56 Question 07.09-7.

The following table indicates the respective page(s) in the response document, "RAI 56 Supplement 1 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 56 - 07.09-1	2	3
RAI 56 - 07.09-5	4	4
RAI 56 - 07.09-7	5	7
RAI 56 - 07.09-11	7	8
RAI 56 - 07.09-12	9	9
RAI 56 - 07.09-17	10	13
RAI 56 - 07.09-19	14	14
RAI 56 - 07.09-25	15	16
RAI 56 - 07.09-28	17	18

RAI 56 - 07.09-30	19	19
RAI 56 - 07.09-32	20	20
RAI 56 - 07.09-33	21	22
RAI 56 - 07.09-35	23	23
RAI 56 - 07.09-45	24	24

The schedule for technically correct and complete responses to the remaining 31 questions is unchanged and provided below:

Question #	Response Date
RAI 56 - 07.09-2	March 31, 2009
RAI 56 - 07.09-3	March 31, 2009
RAI 56 - 07.09-4	March 31, 2009
RAI 56 - 07.09-6	March 31, 2009
RAI 56 - 07.09-8	March 3, 2009
RAI 56 - 07.09-9	March 31, 2009
RAI 56 - 07.09-10	March 31, 2009
RAI 56 - 07.09-13	March 3, 2009
RAI 56 - 07.09-14	March 31, 2009
RAI 56 - 07.09-15	March 3, 2009
RAI 56 - 07.09-16	March 3, 2009
RAI 56 - 07.09-18	March 3, 2009
RAI 56 - 07.09-20	March 3, 2009
RAI 56 - 07.09-21	March 3, 2009
RAI 56 - 07.09-22	March 3, 2009
RAI 56 - 07.09-23	March 31, 2009
RAI 56 - 07.09-24	March 3, 2009
RAI 56 - 07.09-26	March 31, 2009
RAI 56 - 07.09-27	March 31, 2009
RAI 56 - 07.09-29	March 3, 2009
RAI 56 - 07.09-31	March 31, 2009
RAI 56 - 07.09-34	March 3, 2009
RAI 56 - 07.09-36	March 3, 2009
RAI 56 - 07.09-37	March 3, 2009
RAI 56 - 07.09-38	March 3, 2009
RAI 56 - 07.09-39	March 31, 2009
RAI 56 - 07.09-40	March 31, 2009
RAI 56 - 07.09-41	March 31, 2009
RAI 56 - 07.09-42	March 31, 2009
RAI 56 - 07.09-43	March 31, 2009
RAI 56 - 07.09-44	March 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: Pederson Ronda M (AREVA NP INC)
Sent: Wednesday, November 26, 2008 3:18 PM
To: 'Getachew Tesfaye'
Cc: PANNELL George L (AREVA NP INC); DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 56, FSAR Ch 7, Revised Schedule

Getachew,

On October 10, 2008, AREVA NP provided a schedule for responding to the 45 questions in NRC's RAI No. 56. On October 22, 2008, a public meeting was held between AREVA NP Inc. and the NRC to discuss the U.S. EPR FSAR Chapter 7 and RAI No.'s 56 through 61.

A revised schedule for a technically correct and complete response to each of the 45 questions of RAI No. 56 is provided below.

Question #	Response Date
RAI 56 - 07.09-1	January 15, 2009
RAI 56 - 07.09-2	March 31, 2009
RAI 56 - 07.09-3	March 31, 2009
RAI 56 - 07.09-4	March 31, 2009
RAI 56 - 07.09-5	January 15, 2009
RAI 56 - 07.09-6	March 31, 2009
RAI 56 - 07.09-7	January 15, 2009
RAI 56 - 07.09-8	March 3, 2009
RAI 56 - 07.09-9	March 31, 2009
RAI 56 - 07.09-10	March 31, 2009
RAI 56 - 07.09-11	January 15, 2009
RAI 56 - 07.09-12	January 15, 2009
RAI 56 - 07.09-13	March 3, 2009
RAI 56 - 07.09-14	March 31, 2009
RAI 56 - 07.09-15	March 3, 2009
RAI 56 - 07.09-16	March 3, 2009
RAI 56 - 07.09-17	January 15, 2009
RAI 56 - 07.09-18	March 3, 2009
RAI 56 - 07.09-19	January 15, 2009
RAI 56 - 07.09-20	March 3, 2009
RAI 56 - 07.09-21	March 3, 2009
RAI 56 - 07.09-22	March 3, 2009
RAI 56 - 07.09-23	March 31, 2009
RAI 56 - 07.09-24	March 3, 2009
RAI 56 - 07.09-25	January 15, 2009

RAI 56 - 07.09-26	March 31, 2009
RAI 56 - 07.09-27	March 31, 2009
RAI 56 - 07.09-28	January 15, 2009
RAI 56 - 07.09-29	March 3, 2009
RAI 56 - 07.09-30	January 15, 2009
RAI 56 - 07.09-31	March 31, 2009
RAI 56 - 07.09-32	January 15, 2009
RAI 56 - 07.09-33	January 15, 2009
RAI 56 - 07.09-34	March 3, 2009
RAI 56 - 07.09-35	January 15, 2009
RAI 56 - 07.09-36	March 3, 2009
RAI 56 - 07.09-37	March 3, 2009
RAI 56 - 07.09-38	March 3, 2009
RAI 56 - 07.09-39	March 31, 2009
RAI 56 - 07.09-40	March 31, 2009
RAI 56 - 07.09-41	March 31, 2009
RAI 56 - 07.09-42	March 31, 2009
RAI 56 - 07.09-43	March 31, 2009
RAI 56 - 07.09-44	March 3, 2009
RAI 56 - 07.09-45	January 15, 2009

Sincerely,

Ronda Pederson

ronda.pederson@areva.com

Licensing Manager, U.S. EPR(TM) 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: Friday, October 10, 2008 6:50 PM

To: 'Getachew Tesfaye'

Cc: DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); PANNELL George L (AREVA NP INC); DUNCAN Leslie E (AREVA NP INC); WELLS Russell D (AREVA NP INC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 56 (942), FSAR Ch7

Getachew,

The attached file, "RAI 56 Response US EPR DC.pdf" provides an interim response to each of the 45 questions.

A complete answer is not provided for 45 of the 45 questions.

A complete response to each of the questions will be provided by December 1, 2008.

Sincerely,

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

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Phone: 434-832-3694

Cell: 434-841-8788

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

Sent: Friday, September 12, 2008 5:44 PM

To: ZZ-DL-A-USEPR-DL

Cc: Deanna Zhang; Terry Jackson; Michael Canova; Joseph Colaccino; John Rycyna; Mario Gareri

Subject: U.S. EPR Design Certification Application RAI No. 56 (942), FSAR Ch7

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on August 26, 2008, and on September 5, 2008, 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: 735

Mail Envelope Properties (5CEC4184E98FFE49A383961FAD402D3101263215)

Subject: Response to U.S. EPR Design Certification Application RAI No. 56, FSAR Ch 7, Supplement 6
Sent Date: 8/17/2009 6:12:55 PM
Received Date: 8/17/2009 6:12:58 PM
From: Pederson Ronda M (AREVA NP INC)
Created By: Ronda.Pederson@areva.com

Recipients:

"BENNETT Kathy A (OFR) (AREVA NP INC)" <Kathy.Bennett@areva.com>
Tracking Status: None
"DELANO Karen V (AREVA NP INC)" <Karen.Delano@areva.com>
Tracking Status: None
"PANNELL George L (AREVA NP INC)" <George.Pannell@areva.com>
Tracking Status: None
"BUDZIK Dennis M (AREVA NP INC)" <Dennis.Budzik@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	18756	8/17/2009 6:12:58 PM

Options

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