ArevaEPRDCPEm Resource

From: Pederson Ronda M (AREVA NP INC) [Ronda.Pederson@areva.com]
Sent: Tuesday, June 23, 2009 5:03 PM
To: Tesfaye, Getachew
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); KAY Jim (AREVA NP INC); GUCWA Len T (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 111, FSAR Ch 6, Supplement 7

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 6 of the 10 questions of RAI No. 111 on December 3, 2008. AREVA NP submitted Supplement 1 to the response on January 27, 2009 to address portions of 2 of the remaining questions. AREVA NP submitted Supplement 2 to the response on February 11, 2009 to address portions of 1 of the remaining questions. AREVA NP submitted Supplement 3 to the response on February 27, 2009 to address portions of 1 of the remaining questions. AREVA NP submitted Supplement 4 to the response on March 10, 2009 to address portions of 1 of the remaining questions. AREVA NP submitted Supplement 5 to the response on April 1, 2009 to address portions of 2 of the remaining questions. AREVA NP submitted Supplement 6 to the response on April 14, 2009 to address 2 of the remaining questions.

The NRC conducted an audit on April 22-23, 2009 of supporting documentation for the U.S. EPR design with respect to GSI-191. Based on comments made by the NRC staff, AREVA NP is re-evaluating the design for consistency with NRC-approved guidance contained in NEI 04-07. Therefore, AREVA NP is not providing a response at this time.

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

Question #	Response Date
RAI 111—06.02.02-8A3	December 18, 2009
RAI 111—06.02.02-8A4	December 18, 2009
RAI 111—06.02.02-8G	December 18, 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: Tuesday, April 14, 2009 6:24 PM
To: 'Getachew Tesfaye'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); KAY Jim (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 111, FSAR Ch 6, Supplement 6

Getachew,

AREVA NP Inc. provided responses to 6 of the 10 questions of RAI No. 111 on December 3, 2008. AREVA NP submitted Supplement 1 to the response on January 27, 2009 to address portions of 2 of the remaining questions. AREVA NP submitted Supplement 2 to the response on February 11, 2009 to address portions of 1 of the remaining questions. AREVA NP submitted Supplement 3 to the response on February 27, 2009 to address portions of 1 of the remaining questions. AREVA NP submitted Supplement 4 to the response on March 10, 2009 to address portions of 1 of the remaining questions. AREVA NP submitted Supplement 5 to the response on April 1, 2009 to address portions of 2 of the remaining questions.

The attached file, "RAI 111 Supplement 6 Response US EPR DC.pdf" provides a technically correct and complete response to 2 of the remaining questions, as committed.

The following table indicates the respective page in the response document, "RAI 111 Supplement 6 Response US EPR DC.pdf," that contains AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 111—06.02.02-9	2	2
RAI 111—06.02.02-11	3	3

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

Question #	**Response Date**
RAI 111—06.02.02-8A3	June 23, 2009
RAI 111—06.02.02-8A4	June 23, 2009
RAI 111—06.02.02-8G	June 23, 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, April 01, 2009 3:23 PM

To: 'Getachew Tesfaye'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); KAY Jim (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 111, Supplement 5

Getachew,

AREVA NP Inc. provided responses to 6 of the 10 questions of RAI No. 111 on December 3, 2008. AREVA NP submitted Supplement 1 to the response on January 27, 2009 to address portions of 2 of the remaining questions. AREVA NP submitted Supplement 2 to the response on February 11, 2009 to address portions of 1 of the remaining questions. AREVA NP submitted Supplement 3 to the response on February 27, 2009 to address portions of 1 of the remaining questions. AREVA NP submitted Supplement 4 to the response on March 10, 2009 to address portions of 1 of the remaining questions.

The attached file, "RAI 111 Supplement 5 Response US EPR DC.pdf" provides a technically correct and complete response to portions of 2 of the remaining questions, as committed. Appended to this file is the affected page of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which supports the response to RAI 111 Question 06.02.02-17.

The following table indicates the respective pages in the response document, "RAI 111 Supplement 5 US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 111—06.02.02-8C.1	2	4
RAI 111—06.02.02-8C.2	2	4
RAI 111—06.02.02-8C.5b	2	4
RAI 111—06.02.02-8C.5e	2	5
RAI 111—06.02.02-8K14	2	6
RAI 111—06.02.02-17.1	7	7

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

Question #	**Response Date**
RAI 111—06.02.02-8A3	June 23, 2009
RAI 111—06.02.02-8A4	June 23, 2009
RAI 111—06.02.02-8G	June 23, 2009
RAI 111—06.02.02-9	April 15, 2009
RAI 111—06.02.02-11	April 15, 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, March 11, 2009 10:57 AM
To: 'Getachew Tesfaye'
Cc: DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 111, Supplement 4

Getachew,

AREVA NP Inc. provided responses to 6 of the 10 questions of RAI No. 111 on December 3, 2008. AREVA NP submitted Supplement 1 to the response on January 27, 2009 to address portions of 2 of the remaining questions. AREVA NP submitted Supplement 2 to the response on February 11, 2009 to address portions of 1 of the remaining questions. AREVA NP submitted Supplement 3 to the response on February 27, 2009 to address portions of 1 of the remaining questions.

The attached file, "RAI 111 Supplement 4 Response US EPR DC.pdf" provides a technically correct and complete response to portions of 1 of the remaining 4 questions, as committed.

The following table indicates the respective pages in the response document, "RAI 111 Supplement 4 US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 111—06.02.02-8I.3	2	4
RAI 111—06.02.02-8I.7-10	4	6
RAI 111—06.02.02-8J1	7	7
RAI 111—06.02.02-8K1	8	8
RAI 111—06.02.02-8K2	8	8
RAI 111—06.02.02-8K6	8	8
RAI 111—06.02.02-8K10	9	9

The schedule for technically correct and complete responses to the remaining 4 questions is unchanged and is provided below:

Question #	**Response Date**
RAI 111—06.02.02-8A3	June 23, 2009
RAI 111—06.02.02-8A4	June 23, 2009
RAI 111—06.02.02-8C1	April 1, 2009
RAI 111—06.02.02-8C2	April 1, 2009
RAI 111—06.02.02-8C5b	April 1, 2009
RAI 111—06.02.02-8C5e	April 1, 2009
RAI 111—06.02.02-8G	June 23, 2009
RAI 111—06.02.02-8K14	April 1, 2009
RAI 111—06.02.02-9	April 15, 2009
RAI 111—06.02.02-11	April 15, 2009
RAI 111—06.02.02-17.1	April 1, 2009

Sincerely,

Ronda Pederson
ronda.pederson@areva.com
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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, February 27, 2009 5:05 PM
To: 'Getachew Tesfaye'
Cc: KAY Jim (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. 111, Supplement 3

Getachew,

AREVA NP Inc. provided responses to 6 of the 10 questions of RAI No. 111 on December 3, 2008. The attached file, "RAI 111 Supplement 3 Response US EPR DC.pdf" provides a technically correct and complete response to portions of 1 question, as committed.

The following table indicates the respective pages in the response document, "RAI 111 Supplement 3 US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 111—06.02.02-8D2	2	3
RAI 111—06.02.02-8D4	2	3
RAI 111—06.02.02-8H13	2	3
RAI 111—06.02.02-8H15-19	2	5

The schedule for technically correct and complete responses to the remaining RAI No. 111 questions is unchanged and is provided below:

Question #	Response Date
RAI 111—06.02.02-8A3	June 23, 2009
RAI 111—06.02.02-8A4	June 23, 2009
RAI 111—06.02.02-8C1	April 1, 2009
RAI 111—06.02.02-8C2	April 1, 2009
RAI 111—06.02.02-8C5b	April 1, 2009
RAI 111—06.02.02-8C5e	April 1, 2009
RAI 111—06.02.02-8G	June 23, 2009
RAI 111—06.02.02-8I.3	March 15, 2009
RAI 111—06.02.02-8I.7-10	March 15, 2009
RAI 111—06.02.02-8J1	March 15, 2009
RAI 111—06.02.02-8K1	March 15, 2009
RAI 111—06.02.02-8K2	March 15, 2009
RAI 111—06.02.02-8K6	March 15, 2009
RAI 111—06.02.02-8K10	March 15, 2009
RAI 111—06.02.02-8K14	April 1, 2009
RAI 111—06.02.02-9	April 15, 2009
RAI 111—06.02.02-11	April 15, 2009
RAI 111—06.02.02-17.1	April 1, 2009

Sincerely,

Ronda Pederson
ronda.pederson@areva.com
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An AREVA and Siemens company
3315 Old Forest Road
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Cell: 434-841-8788

From: Pederson Ronda M (AREVA NP INC)
Sent: Wednesday, February 11, 2009 5:05 PM
To: 'Getachew Tesfaye'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); KAY Jim (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 111, Supplement 2

Getachew,

AREVA NP Inc. provided responses to 6 of the 10 questions of RAI No. 111 on December 3, 2008. The attached file, "RAI 111 Supp 2 Response US EPR DC.pdf" provides a technically correct and complete response to portions of 1 question, as committed.

The following table indicates the respective pages in the response document, "RAI 111 Supp 2 US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 111—06.02.02-8E1	2	3
RAI 111—06.02.02-8E4	2	3

The schedule for technically correct and complete responses to the remaining RAI No. 111 questions is unchanged and is provided below:

Question #	**Response Date**
RAI 111—06.02.02-8A3	June 23, 2009
RAI 111—06.02.02-8A4	June 23, 2009
RAI 111—06.02.02-8C1	April 1, 2009
RAI 111—06.02.02-8C2	April 1, 2009
RAI 111—06.02.02-8C5b	April 1, 2009
RAI 111—06.02.02-8C5e	April 1, 2009
RAI 111—06.02.02-8D2	March 1, 2009
RAI 111—06.02.02-8D4	March 1, 2009
RAI 111—06.02.02-8G	June 23, 2009
RAI 111—06.02.02-8H13	March 1, 2009
RAI 111—06.02.02-8H15-19	March 1, 2009
RAI 111—06.02.02-8I.3	March 15, 2009
RAI 111—06.02.02-8I.7-10	March 15, 2009
RAI 111—06.02.02-8J1	March 15, 2009
RAI 111—06.02.02-8K1	March 15, 2009
RAI 111—06.02.02-8K2	March 15, 2009
RAI 111—06.02.02-8K6	March 15, 2009

Question #	Response Date
RAI 111—06.02.02-8K10	March 15, 2009
RAI 111—06.02.02-8K14	April 1, 2009
RAI 111—06.02.02-9	April 15, 2009
RAI 111—06.02.02-11	April 15, 2009
RAI 111—06.02.02-17.1	April 1, 2009

Sincerely,

Ronda Pederson
ronda.pederson@areva.com
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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, January 27, 2009 6:07 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. 111, FSAR Ch 6, Supplement 1

Getachew,

AREVA NP Inc. provided responses to 6 of the 10 questions of RAI No. 111 on December 3, 2008. The attached file, "RAI 111 Supplement 1 Response US EPR DC.pdf" provides a technically correct and complete response to portions of 2 questions, as committed.

The following table indicates the respective pages in the response document, "RAI 111 Supplement 1 US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 111—06.02.02-8I.13	2	2
RAI 111—06.02.02-8K11	3	3
RAI 111—06.02.02-17.2	4	4

The schedule for technically correct and complete responses to the remaining RAI No. 111 questions is unchanged and is provided below:

Question #	Response Date
RAI 111—06.02.02-8A3	June 23, 2009
RAI 111—06.02.02-8A4	June 23, 2009
RAI 111—06.02.02-8C1	April 1, 2009
RAI 111—06.02.02-8C2	April 1, 2009
RAI 111—06.02.02-8C5b	April 1, 2009
RAI 111—06.02.02-8C5e	April 1, 2009

Question #	Response Date
RAI 111—06.02.02-8D2	March 1, 2009
RAI 111—06.02.02-8D4	March 1, 2009
RAI 111—06.02.02-8E1	February 15, 2009
RAI 111—06.02.02-8E4	February 15, 2009
RAI 111—06.02.02-8G	June 23, 2009
RAI 111—06.02.02-8H13	March 1, 2009
RAI 111—06.02.02-8H15-19	March 1, 2009
RAI 111—06.02.02-8I.3	March 15, 2009
RAI 111—06.02.02-8I.7-10	March 15, 2009
RAI 111—06.02.02-8J1	March 15, 2009
RAI 111—06.02.02-8K1	March 15, 2009
RAI 111—06.02.02-8K2	March 15, 2009
RAI 111—06.02.02-8K6	March 15, 2009
RAI 111—06.02.02-8K10	March 15, 2009
RAI 111—06.02.02-8K14	April 1, 2009
RAI 111—06.02.02-9	April 15, 2009
RAI 111—06.02.02-11	April 15, 2009
RAI 111—06.02.02-17.1	April 1, 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: WELLS Russell D (AREVA NP INC)
Sent: Wednesday, December 03, 2008 6:14 PM
To: 'Getachew Tesfaye'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); Pederson Ronda M (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 111, FSAR Ch 6

Getachew,

The proprietary and non-proprietary versions of the response to RAI No. 111 are submitted via AREVA NP Inc. letter, "Response to U.S. EPR Design Certification Application RAI No. 111" NRC 08:094, dated December 3, 2008. An affidavit to support withholding of information from public disclosure, per 10CFR2.390(b), is provided as an enclosure to that letter.

The following table indicates the respective pages in the response document, "Response to U.S. EPR Design Certification Application RAI No. 111," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 111 — 06.02.02-8 A-K	2	36

RAI 111 — 06.02.02-9	37	37
RAI 111 — 06.02.02-10	38	38
RAI 111 — 06.02.02-11	39	39
RAI 111 — 06.02.02-12	40	40
RAI 111 — 06.02.02-13	41	41
RAI 111 — 06.02.02-14	42	42
RAI 111 — 06.02.02-15	43	43
RAI 111 — 06.02.02-16	44	44
RAI 111 — 06.02.02-17	45	45

The schedule for technically correct and complete responses to the remaining RAI No. 111 questions is provided below:

Question #	Response Date
RAI 111—06.02.02-8A3	June 23, 2009
RAI 111—06.02.02-8A4	June 23, 2009
RAI 111—06.02.02-8C1	April 1, 2009
RAI 111—06.02.02-8C2	April 1, 2009
RAI 111—06.02.02-8C5b	April 1, 2009
RAI 111—06.02.02-8C5e	April 1, 2009
RAI 111—06.02.02-8D2	March 1, 2009
RAI 111—06.02.02-8D4	March 1, 2009
RAI 111—06.02.02-8E1	February 15, 2009
RAI 111—06.02.02-8E4	February 15, 2009
RAI 111—06.02.02-8G	June 23, 2009
RAI 111—06.02.02-8H13	March 1, 2009
RAI 111—06.02.02-8H15-19	March 1, 2009
RAI 111—06.02.02-8I.3	March 15, 2009
RAI 111—06.02.02-8I.7-10	March 15, 2009
RAI 111—06.02.02-8I.13	February 1, 2009
RAI 111—06.02.02-8J1	March 15, 2009
RAI 111—06.02.02-8K1	March 15, 2009
RAI 111—06.02.02-8K2	March 15, 2009
RAI 111—06.02.02-8K6	March 15, 2009
RAI 111—06.02.02-8K10	March 15, 2009
RAI 111—06.02.02-8K11	February 1, 2009
RAI 111—06.02.02-8K14	April 1, 2009
RAI 111—06.02.02-9	April 15, 2009
RAI 111—06.02.02-11	April 15, 2009
RAI 111—06.02.02-17.1	April 1, 2009
RAI 111—06.02.02-17.2	February 1, 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
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From: Getachew Tesfaye [mailto:Getachew.Tesfaye@nrc.gov]
Sent: Monday, November 03, 2008 4:31 PM
To: ZZ-DL-A-USEPR-DL
Cc: Clinton Ashley; Walton Jensen; Christopher Jackson; Charles Hammer; David Terao; Michael Miernicki; Joseph Colaccino; John Rycyna; James Steckel
Subject: U.S. EPR Design Certification Application RAI No. 111 (1446, 1471,1508), FSAR Ch. 6

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on October 20, 2008, and discussed with your staff on November 3, 2008. Draft RAI Questions 06.02.02-8 (C)(7) was deleted 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: 605

Mail Envelope Properties (5CEC4184E98FFE49A383961FAD402D310102D7A6)

Subject: Response to U.S. EPR Design Certification Application RAI No. 111, FSAR Ch 6, Supplement 7
Sent Date: 6/23/2009 5:03:12 PM
Received Date: 6/23/2009 5:03:15 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
"KAY Jim (AREVA NP INC)" <Jim.Kay@areva.com>
Tracking Status: None
"GUCWA Len T (EXT)" <Len.Gucwa.ext@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	19856	6/23/2009 5:03:15 PM

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