ArevaEPRDCPEm Resource

From: BRYAN Martin (EXTERNAL AREVA) [Martin.Bryan.ext@areva.com]
Sent: Friday, October 01, 2010 2:21 PM
To: Tesfaye, Getachew
Cc: DELANO Karen (AREVA); ROMINE Judy (AREVA); BENNETT Kathy (AREVA); RYAN Tom (AREVA); KOWALSKI David (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No.406, FSAR Ch. 9, supplement 5

Getachew,

AREVA NP Inc. provided a technically correct and complete response to two of the eight questions in RAI No. 406, a technically correct and partial response to one question in RAI No. 406, and a schedule for the remaining questions, on July 16, 2010. Supplement 1 response to RAI No. 406 was sent on August 31, 2010 to provide a revised schedule. Supplement 2 response to RAI No. 406 was sent on September 14, 2010 to provide a complete response to one question and a technically correct and partial response to one question and a revised schedule for the remaining four questions. Supplement 3 and Supplement 4 response to RAI No. 406 was sent on September 23, 2010 and September 29, 2010 to provide a schedule for the four remaining responses.

Since the response to questions 09.02.02-109, 110, and 114 are being processed, a revised schedule is provided in this email. The response date to 09.04.01-2 remains unchanged.

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

Question #	Response Date
RAI 406 — 09.02.02-109	October 14, 2010
RAI 406 — 09.02.02-110	October 14, 2010
RAI 406 — 09.02.02-114	October 14, 2010
RAI 406 — 09.04.01-2	October 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 (External RS/NB)
Sent: Wednesday, September 29, 2010 2:59 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB); RYAN Tom (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No.406, FSAR Ch. 9, supplement 4

Getachew,

AREVA NP Inc. provided a technically correct and complete response to two of the eight questions in RAI No. 406, a technically correct and partial response to one question in RAI No. 406, and a schedule for the remaining questions, on July 16, 2010. Supplement 1 response to RAI No. 406 was sent on August 31, 2010 to provide a revised schedule. Supplement 2 response to RAI No. 406 was sent on September 14, 2010 to provide a complete response to one question and a technically correct and partial response to one question and a revised schedule for the remaining four questions. Supplement 3 response to RAI No. 406 was sent on September 23, 2010 to provide a schedule for the four remaining responses.

To provide additional time for interaction and feedback from the staff, a revised schedule is provided in this email for the response to question 09.04.01-2. The response date to the other three questions remains unchanged.

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

Question #	Response Date
RAI 406 — 09.02.02-109	October 1, 2010
RAI 406 — 09.02.02-110	October 1, 2010
RAI 406 — 09.02.02-114	October 1, 2010
RAI 406 — 09.04.01-2	October 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 (External RS/NB)
Sent: Thursday, September 23, 2010 6:06 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); RYAN Tom (RS/NB); BALLARD Bob (EP/PE); GARDNER Darrell (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No.406, FSAR Ch. 9, supplement 3

Getachew,

AREVA NP Inc. provided a technically correct and complete response to two of the eight questions in RAI No. 406, a technically correct and partial response to one question in RAI No. 406, and a schedule for the remaining questions, on July 16, 2010. Supplement 1 response to RAI No. 406 was sent on August 31, 2010 to provide a revised schedule. Supplement 2 response to RAI No. 406 was sent on September 14, 2010 to provide a complete response to one question and a technically correct and partial response to one question and a revised schedule for the remaining four questions.

Since the responses to three of the remaining questions are being processed, a revised schedule is provided in this email. The other response date remains unchanged.

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

Question #	Response Date

RAI 406 — 09.02.02-109	October 1, 2010
RAI 406 — 09.02.02-110	October 1, 2010
RAI 406 — 09.02.02-114	October 1, 2010
RAI 406 — 09.04.01-2	September 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 (External RS/NB)
Sent: Tuesday, September 14, 2010 6:03 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No.406, FSAR Ch. 9, supplement 2

Getachew,

AREVA NP Inc. provided a technically correct and complete response to two of the eight questions in RAI No. 406, a technically correct and partial response to one question in RAI No. 406, and a schedule for the remaining questions, on July 16, 2010. Supplement 1 response to RAI No. 406 was sent on August 31, 2010 to provide a revised schedule.

The attached file, "RAI 406 Supplement 2 Response US EPR DC.pdf" provides a technically correct and complete response to one question and a technically correct and partial response to one question.

Appended to this file are affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which supports the response to RAI 406 Question 09.02.02-112.

The following table indicates the respective pages in the response document, "RAI 406 Supplement 2 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 406 — 09.02.02-112	2	9
RAI 406 — 09.02.02-113 (Part a)	10	10

Since the remaining responses are being processed, a revised schedule is provided in this e-mail.

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

Question #	Response Date
RAI 406 — 09.02.02-109	September 23, 2010
RAI 406 — 09.02.02-110	September 23, 2010
RAI 406 — 09.02.02-114	September 23, 2010
RAI 406 — 09.04.01-2	September 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 (External RS/NB)
Sent: Tuesday, August 31, 2010 10:52 AM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)
Subject: Response to U.S. EPR Design Certification Application RAI No.406, FSAR Ch. 9, supplement 1

Getachew,

AREVA NP Inc. provided a technically correct and complete response to two of the eight questions in RAI No. 406, a technically correct and partial response to one question in RAI No. 406, and a schedule for the remaining questions, on July 16, 2010. Since responses to the remaining questions are being processed, a revised schedule is provided in this email.

On July 19, 2010, a DRAFT response to Question 09.04.01-2 was submitted to the NRC for review and comment. As of today, AREVA NP has not received any feedback from the NRC staff on this question. The remaining five questions are being processed as final responses based on previous interactions with the staff.

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

Question #	Response Date
RAI 406 — 09.02.02-109	September 14, 2010
RAI 406 — 09.02.02-110	September 14, 2010
RAI 406 — 09.02.02-112	September 14, 2010
RAI 406 — 09.02.02-113 (Part a)	September 14, 2010
RAI 406 — 09.02.02-114	September 14, 2010
RAI 406 — 09.04.01-2	September 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: Friday, July 16, 2010 3:01 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC);

KOWALSKI David J (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No.406, FSAR Ch. 9

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 406 Response US EPR DC.pdf" provides a technically correct and complete response to two of the eight questions and a technically correct and partial response to one question.

Appended to this file are affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which supports the response to RAI 406 Questions 09.02.02-111, 09.02.02-113 (Part d) and 09.05.01-77.

The following table indicates the respective pages in the response document, "RAI 406 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 406 — 09.02.02-109	2	4
RAI 406 — 09.02.02-110	5	5
RAI 406 — 09.02.02-111	6	6
RAI 406 — 09.02.02-112	7	8
RAI 406 — 09.02.02-113	9	9
RAI 406 — 09.02.02-114	10	10
RAI 406 — 09.04.01-2	11	11
RAI 406 — 09.05.01-77	12	13

A complete answer is not provided for six of the questions. The schedule for technically correct and complete responses to these questions is provided below.

Question #	Response Date
RAI 406 — 09.02.02-109	August 31, 2010
RAI 406 — 09.02.02-110	August 31, 2010
RAI 406 — 09.02.02-112	August 31, 2010
RAI 406 — 09.02.02-113 (Part a)	August 31, 2010
RAI 406 — 09.02.02-114	August 31, 2010
RAI 406 — 09.04.01-2	August 31, 2010

SincerelyMartin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
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Martin.Bryan.ext@areva.com

From: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]
Sent: Wednesday, June 16, 2010 8:27 AM
To: ZZ-DL-A-USEPR-DL
Cc: Wheeler, Larry; Segala, John; Lee, Samuel; Peng, Shie-Jeng; McKirgan, John; McCann, Edward; Dreisbach, Jason; Hearn, Peter; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No.406(4683,4664,4707), FSAR Ch. 9

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on May 14, 2010, and discussed with your staff on June 15, 2010. Drat RAI Question 09.04.01-2 was 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: 2088

Mail Envelope Properties (BC417D9255991046A37DD56CF597DB7107C154DD)

Subject: Response to U.S. EPR Design Certification Application RAI No.406, FSAR Ch. 9, supplement 5
Sent Date: 10/1/2010 2:21:28 PM
Received Date: 10/1/2010 2:21:50 PM
From: BRYAN Martin (EXTERNAL AREVA)

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

Recipients:
"DELANO Karen (AREVA)" <Karen.Delano@areva.com>
Tracking Status: None
"ROMINE Judy (AREVA)" <Judy.Romine@areva.com>
Tracking Status: None
"BENNETT Kathy (AREVA)" <Kathy.Bennett@areva.com>
Tracking Status: None
"RYAN Tom (AREVA)" <Tom.Ryan@areva.com>
Tracking Status: None
"KOWALSKI David (AREVA)" <David.Kowalski@areva.com>
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Tracking Status: None

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Files	**Size**	**Date & Time**
MESSAGE	12244	10/1/2010 2:21:50 PM

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