ArevaEPRDCPEm Resource

From: BRYAN Martin (EXTERNAL AREVA) [Martin.Bryan.ext@areva.com]
Sent: Friday, October 15, 2010 9:47 AM
To: Tesfaye, Getachew
Cc: DELANO Karen (AREVA); ROMINE Judy (AREVA); BENNETT Kathy (AREVA); KOWALSKI David (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 8

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4, Supplement 5 and Supplement 6 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010, July 8, 2010 and August 17, 2010, respectively, to provide a revised schedule for the remaining question. Supplement 7 response to RAI No. 337 was sent on September 16, 2010, to revise the schedule to allow time for further interaction between AREVA and the NRC staff.

To allow time for further interaction between AREVA and the NRC staff, a revised schedule is provided in this e-mail.

The schedule for a technically correct and complete response to the remaining question has been revised as provided below.

Question #	Response Date
RAI 337 — 09.01.04-14	November 17, 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 16, 2010 2:28 PM
To: 'Getachew.Tesfaye@nrc.gov'
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. 337, FSAR Ch. 9, Supplement 7

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4, Supplement 5 and Supplement 6 responses to RAI No. 337 were

sent on April 23, 2010, May 21, 2010, July 8, 2010 and August 17, 2010, respectively, to provide a revised schedule for the remaining question.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

The schedule for a technically correct and complete response to the question has been revised as provided below.

Question #	Response Date
RAI 337 — 09.01.04-14	October 15, 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 17, 2010 9:36 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. 337, FSAR Ch. 9, Supplement 6

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4 and Supplement 5 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010 and July 8, 2010, to provide a revised schedule for the remaining question.

To allow time for interaction between AREVA and the NRC staff, a revised schedule is provided in this e-mail.

The schedule for a technically correct and complete response to the remaining question has been revised and is provided below:

Question #	Response Date
RAI 337 — 09.01.04-14	September 16, 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: Thursday, July 08, 2010 2:53 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. 337, FSAR Ch. 9, Supplement 5

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3 and Supplement 4 responses to RAI No. 337 were sent on April 23, 2010 and May 21, 2010, to provide a revised schedule for the remaining question.

To allow time for continued interaction between AREVA and the NRC staff, a revised schedule is provided in this e-mail.

The schedule for a technically correct and complete response to the remaining question has been revised and is provided below:

Question #	Response Date
RAI 337 — 09.01.04-14	August 17, 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, May 21, 2010 3:21 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. 337, FSAR Ch. 9, Supplement 4

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3 response to RAI No. 337 was sent on April 23, 2010 to provide a revised schedule for the remaining question.

A draft response to the remaining question was shared with the NRC staff on May 12, 2010. To address comments on the draft response, and also support interaction with the NRC staff to review the revised

response prior to a formal submittal, the schedule for a technically correct and complete response to the remaining question has been changed and is provided below:

Question #	Response Date
RAI 337 — 09.01.04-14	July 8, 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, April 23, 2010 4:09 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); KOWALSKI David J (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 3

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions and provide a revised schedule for the remaining question.

As agreed with the NRC, additional time is needed for AREVA to interact with the NRC on the proposed response to RAI Question 09.01.04-14, and a revised response schedule is provided below.

The schedule for a technically correct and complete response to the remaining question has been changed and is provided below:

Question #	Response Date
RAI 337 — 09.01.04-14	May 21, 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, March 19, 2010 4:35 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. 337, FSAR Ch. 9, Supplement 2

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the 9 questions.

The attached file, "RAI 337 Supplement 2 Response US EPR DC.pdf" provides technically correct and complete responses to seven of the remaining eight questions.

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 337 Questions 09.02.02-79, 09.02.02-80, 09.02.02-81, 09.02.02-82, 09.02.02-83.

The following table indicates the respective pages in the response document, "RAI 337 Supplement 2 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 337 — 09.02.02-79	2	4
RAI 337 — 09.02.02-80	5	6
RAI 337 — 09.02.02-81	7	8
RAI 337 — 09.02.02-82	9	10
RAI 337 — 09.02.02-83	11	11
RAI 337 — 09.02.02-84	12	12
RAI 337 — 09.02.02-85	13	13

The schedule for a technically correct and complete response to the remaining question has been changed and is provided below:

Question #	Response Date
RAI 337 — 09.01.04-14	April 23, 2010

Sincerely,

Martin (Marty) C. Bryan
Licensing Advisory Engineer
AREVA NP Inc.
Tel: (434) 832-3016
Martin.Bryan.ext@areva.com

From: BRYAN Martin (EXT)
Sent: Monday, March 01, 2010 12:57 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); ROMINE Judy (AREVA NP INC);

KOWALSKI David J (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 1

Getachew,

AREVA NP Inc. provided responses to RAI No. 337 on January 25, 2010 stating that a complete answer could not be provided for any of the questions. The attached file, "RAI 337 Supplement 1 Response US EPR DC.pdf" provides a technically correct and complete response to 1 of the remaining 9 questions, as committed.

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 337 Question 09.05.01-74.

The following table indicates the respective pages in the response document, "RAI 337 Supplement 1 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 337 — 09.05.01-74	2	5

The schedule for a technically correct and complete response to the remaining questions is unchanged and provided below.

Question #	Response Date
RAI 337 — 09.01.04-14	March 19, 2010
RAI 337 — 09.02.02-79	March 19, 2010
RAI 337 — 09.02.02-80	March 19, 2010
RAI 337 — 09.02.02-81	March 19, 2010
RAI 337 — 09.02.02-82	March 19, 2010
RAI 337 — 09.02.02-83	March 19, 2010
RAI 337 — 09.02.02-84	March 19, 2010
RAI 337 — 09.02.02-85	March 19, 2010

Sincerely,

Martin (Marty) C. Bryan
Licensing Advisory Engineer
AREVA NP Inc.
Tel: (434) 832-3016
Martin.Bryan@areva.com

From: DUNCAN Leslie E (AREVA NP INC)
Sent: Monday, January 25, 2010 2:54 PM
To: 'Tesfaye, Getachew'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); KOWALSKI David J (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 337 Response US EPR DC," provides a schedule since technically correct and complete responses to the nine questions are not provided.

The following table indicates the respective pages in the response document, "RAI 337 Response US EPR DC," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 337 — 09.01.04-14	2	3
RAI 337 — 09.02.02-79	4	5
RAI 337 — 09.02.02-80	6	7
RAI 337 — 09.02.02-81	8	9
RAI 337 — 09.02.02-82	10	11
RAI 337 — 09.02.02-83	12	12
RAI 337 — 09.02.02-84	13	13
RAI 337 — 09.02.02-85	14	14
RAI 337 — 09.05.01-74	15	16

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

Question #	Response Date
RAI 337 — 09.01.04-14	March 19, 2010
RAI 337 — 09.02.02-79	March 19, 2010
RAI 337 — 09.02.02-80	March 19, 2010
RAI 337 — 09.02.02-81	March 19, 2010
RAI 337 — 09.02.02-82	March 19, 2010
RAI 337 — 09.02.02-83	March 19, 2010
RAI 337 — 09.02.02-84	March 19, 2010
RAI 337 — 09.02.02-85	March 19, 2010
RAI 337 — 09.05.01-74	March 1, 2010

Sincerely,

Les Duncan
Licensing Engineer
AREVA NP Inc.
An AREVA and Siemens Company
Tel: (434) 832-2849
Leslie.Duncan@areva.com

From: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]
Sent: Tuesday, December 15, 2009 7:26 AM
To: ZZ-DL-A-USEPR-DL
Cc: Wheeler, Larry; Tatum, James; McCann, Edward; Segala, John; Lee, Samuel; Hearn, Peter; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 337 (3992, 4018,4110, 4079), FSAR Ch. 9

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on December 6, 2009, and on December 14, 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. The schedule we have established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs, excluding the time period of **December 25, 2009 thru January 3, 2010, to account for the holiday season** as discussed with AREVA NP Inc. For any RAIs that cannot be answered **within 40 days**, it is expected that a date for receipt of this information will be provided to the staff within the 40-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: 2134

Mail Envelope Properties (BC417D9255991046A37DD56CF597DB7107EBB311)

Subject: Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 8
Sent Date: 10/15/2010 9:46:45 AM
Received Date: 10/15/2010 9:46:50 AM
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
"KOWALSKI David (AREVA)" <David.Kowalski@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	15548	10/15/2010 9:46:50 AM

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