ArevaEPRDCPEm Resource

From: BRYAN Martin (EXT) [Martin.Bryan.ext@areva.com]
Sent: Thursday, March 25, 2010 12:26 PM
To: Tesfaye, Getachew
Cc: DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); ROMINE Judy (AREVA NP INC); VAN NOY Mark (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 283, FSAR Ch. 3, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for responses to questions of RAI No. 283 on October 2, 2009. AREVA NP submitted Supplement 1 to the response on November 12, 2009, to address 3 of the remaining 4 questions. AREVA NP submitted Supplement 2 to the response on November 30, 2009, to provide a new schedule for responding to the remaining question. AREVA NP submitted Supplement 3 to the response on February 22, 2010, to provide a new schedule for responding to the remaining question.

AREVA NP Inc. (AREVA NP) is unable to provide a response for RAI 283 Supplement 3 at this time. The response to Question 03.08.01-37 is dependent upon completion of the new embedded Finite Element Model (FEM) seismic analysis and verification of these results. AREVA will be prepared to discuss this response with the NRC during the U.S. EPR FSAR Section 3.7 and Section 3.8 audit scheduled for April 26 thru April 30, 2010, after which NRC comments will be incorporated and the final response submitted.

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

Question #	Response Date
RAI 283 — 03.08.01-37	May 27, 2010

Sincerely,

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

From: DUNCAN Leslie E (AREVA NP INC)
Sent: Monday, February 22, 2010 2:48 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); ROMINE Judy (AREVA NP INC); VAN NOY Mark (EXT); BRYAN Martin (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 283, FSAR Ch. 3, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for responses to questions of RAI No. 283 on October 2, 2009. AREVA NP submitted Supplement 1 to the response on November 12, 2009, to address 3 of the remaining 4 questions. AREVA NP submitted Supplement 2 to the response on November 30, 2009, to provide a new schedule for responding to the remaining question.

AREVA NP is unable to provide a response for RAI 283 question 03.08.01-37 at this time. This RAI response addresses questions related to structural stability as discussed in U.S. EPR FSAR Tier 2, Section 3.8.1 and is interdependent with AREVA NP's response to RAI 190 Question 03.08.01-29. Additional time is required in order to evaluate potential embedded Finite Element Model (FEM) effect on In Structure Response Spectra (ISRS) for the Reactor Building Internal Structure (RBIS) and verify consistent results in answering interrelated RAI questions.

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

Question #	Response Date
RAI 283 — 03.08.01-37	March 25, 2010

Sincerely,

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

From: Pederson Ronda M (AREVA NP INC)
Sent: Monday, November 30, 2009 8:01 PM
To: 'Getachew Tesfaye'; 'Miernicki, Michael'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); VAN NOY Mark (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 283, FSAR Ch. 3, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) is unable to provide a response for RAI 283 Supplement 2 at this time. This RAI response addresses questions related to structural stability as discussed in U.S. EPR FSAR Tier 2, Section 3.8.1 and is interdependent with AREVA NP's response to RAI 190 Question 03.08.01-29. AREVA NP committed to respond to this related question by February 25, 2010.

The revised schedule for technically correct and complete responses to the remaining 1 question is provided below:

Question #	Response Date
RAI 283 — 03.08.01-37	February 25, 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: Pederson Ronda M (AREVA NP INC)
Sent: Thursday, November 12, 2009 5:59 PM
To: 'Tesfaye, Getachew'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); VAN NOY Mark (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 283, FSAR Ch. 3, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for responses to the 4 questions of RAI No. 283 on October 2, 2009. The attached file, "RAI 283 Supplement 1 Response US EPR DC.pdf" provides technically correct and complete responses to 3 of the remaining 4 questions, as committed.

Appended to this file are the affected pages of the U.S. EPR Final Safety Analysis Report in redline-strikeout format which support the response to RAI 283 Questions 03.03.02-4, 03.08.01-38, and 03.08.03-20.

The following table indicates the respective page(s) in the response document, "RAI 283 Supplement 1 Response US EPR DC.pdf" that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 283 — 03.03.02-4	2	2
RAI 283 — 03.08.01-38	3	4
RAI 283 — 03.08.03-20	5	6

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

Question #	Response Date
RAI 283 — 03.08.01-37	December 10, 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, October 02, 2009 4:55 PM
To: 'Tesfaye, Getachew'
Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); VAN NOY Mark (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 283, FSAR Ch. 3

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 283 Response US EPR DC.pdf" provides a schedule since a technically correct and complete response to the 4 questions cannot be provided at this time.

The following table indicates the respective page(s) in the response document, "RAI 283 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 283 — 03.03.02-4	2	2
RAI 283 — 03.08.01-37	3	3
RAI 283 — 03.08.01-38	4	4
RAI 283 — 03.08.03-20	5	5

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

Question #	Response Date
RAI 283 — 03.03.02-4	November 12, 2009
RAI 283 — 03.08.01-37	December 10, 2009
RAI 283 — 03.08.01-38	November 12, 2009
RAI 283 — 03.08.03-20	November 12, 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: Wednesday, September 02, 2009 6:44 PM
To: ZZ-DL-A-USEPR-DL
Cc: Jeng, David; Xu, Jim; Samaddar, Sujit; Miernicki, Michael; Patel, Jay; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 283 (2718, 3611,3614), FSAR Ch. 3

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on August 25, 2009, and on September 2, 31, 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. 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: 1262

Mail Envelope Properties (BC417D9255991046A37DD56CF597DB7105A930F7)

Subject: Response to U.S. EPR Design Certification Application RAI No. 283, FSAR Ch. 3, Supplement 4
Sent Date: 3/25/2010 12:26:06 PM
Received Date: 3/25/2010 12:26:08 PM
From: BRYAN Martin (EXT)

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

Recipients:
"DELANO Karen V (AREVA NP INC)" <Karen.Delano@areva.com>
Tracking Status: None
"BENNETT Kathy A (OFR) (AREVA NP INC)" <Kathy.Bennett@areva.com>
Tracking Status: None
"ROMINE Judy (AREVA NP INC)" <Judy.Romine@areva.com>
Tracking Status: None
"VAN NOY Mark (EXT)" <Mark.Vannoy.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	8940	3/25/2010 12:26:08 PM

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