ArevaEPRDCPEm Resource

From: BRYAN Martin (EXT) [Martin.Bryan.ext@areva.com]
Sent: Thursday, March 25, 2010 12:10 PM
To: Tesfaye, Getachew
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); VAN NOY Mark (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 190, FSAR Ch 3, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for responses to the 3 questions of RAI No. 190 on March 20, 2009. AREVA NP submitted Supplement 1 to the response on June 12, 2009, to address 2 of the remaining 3 questions. AREVA NP submitted Supplement 2 to the response on October 29, 2009, to provide a revised schedule for response to the remaining 1 question of RAI 190. AREVA NP submitted Supplement 3 to the response on February 22, 2010, to provide a revised schedule for response to the remaining 1 question of RAI 190.

AREVA NP Inc. (AREVA NP) is unable to provide a response for RAI 190 Supplement 3 at this time. The response to Question 03.08.01-29 is dependent upon results of the new embedded Finite Element Model (FEM) based seismic analysis, which affects seismic response of the Reactor Building Internal Structure (RBIS). Results of the new embedded FEM will be provided in the AREVA NP response to RAI 283 Question 03.08.01-37.

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

Question #	Response Date
RAI 190 — 03.08.01-29	May 27, 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, February 22, 2010 1:44 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. 190, FSAR Ch 3, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for responses to the 3 questions of RAI No. 190 on March 20, 2009. AREVA NP submitted Supplement 1 to the response on June 12, 2009, to address 2 of the

remaining 3 questions. AREVA NP submitted Supplement 2 to the response on October 29, 2009, to provide a revised schedule for response to the remaining 1 question of RAI 190.

AREVA NP Inc. (AREVA NP) is unable to provide a response for RAI 190 question 03.08.01-29 at this time. The new seismic analyses using an embedded Finite Element – SASSI model are being finalized, which yield a new in-structure-seismic-response-spectra. This response is being deferred due to its effect on the Reactor Building Internal Structure and interdependency with the response to RAI 283 Question 03.08.01-37.

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

Question #	Response Date
RAI 190 — 03.08.01-29	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: WELLS Russell D (AREVA NP INC)
Sent: Thursday, October 29, 2009 6:11 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. 190, FSAR Ch 3, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) is unable to provide a response for RAI 190 Supplement 2 at this time. As discussed with the NRC staff, new seismic analyses using an embedded Finite Element – SASSI model are being finalized, which yield a new in-structure-seismic-response-spectra. This response is being deferred to reflect the new spectra and its effect on the Reactor Building Internal Structure.

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

Question #	Response Date
RAI 190 — 03.08.01-29	February 25, 2010

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: Friday, June 12, 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. 190, FSAR Ch 3, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for the responses to the 3 questions of RAI No. 190 on March 20, 2009. The attached file, "RAI 190 Supplement 1 Response U.S. EPR DC" provides technically correct and complete responses to 2 of the 3 questions.

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 190 Question 03.08.01-28.

The following table indicates the respective pages in the response document, "RAI 190 Supplement 1 Response U.S. EPR DC," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 03.08.01-28	2	3
RAI 03.08.01-30	4	4

A revised schedule for a technically correct and complete response to the remaining question is provided below.

Question #	Response Date
RAI 03.08.01-29	October 29, 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: Pederson Ronda M (AREVA NP INC)
Sent: Friday, March 20, 2009 3:33 PM
To: 'Getachew Tesfaye'
Cc: PORTER Thomas (EXT); DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 190, FSARCh. 3

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 190 Response US EPR DC.pdf" provides a schedule since a technically correct and complete response to the 3 questions is not provided.

The following table indicates the respective page in the response document, "RAI 190 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 190 — 03.08.01-28	2	2
RAI 190 — 03.08.01-29	3	3
RAI 190 — 03.08.01-30	4	4

The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 190 —03.08.01-28	June 12, 2009
RAI 190 —03.08.01-29	June 12, 2009
RAI 190 —03.08.01-30	June 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: Getachew Tesfaye [mailto:Getachew.Tesfaye@nrc.gov]
Sent: Friday, February 20, 2009 11:11 AM
To: ZZ-DL-A-USEPR-DL
Cc: Jim Xu; Sujit Samaddar; Michael Miernicki; Joseph Colaccino; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 190 (2205), FSARCh. 3

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on February 18, 2009, and on February 20, 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 except to correct a typographical error in the RAI numbering. The RAI no is changed from 190(2083) to 190(2205) in the email subject line and from 2205 to 190 (2205) in the attachment. 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: 1260

Mail Envelope Properties (BC417D9255991046A37DD56CF597DB7105A9309F)

Subject: Response to U.S. EPR Design Certification Application RAI No. 190, FSAR Ch 3, Supplement 4
Sent Date: 3/25/2010 12:09:53 PM
Received Date: 3/25/2010 12:09:56 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
"ROMINE Judy (AREVA NP INC)" <Judy.Romine@areva.com>
Tracking Status: None
"BENNETT Kathy A (OFR) (AREVA NP INC)" <Kathy.Bennett@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	8661	3/25/2010 12:09:56 PM

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