

ArevaEPRDCPEm Resource

From: BRYAN Martin (EXTERNAL AREVA) [Martin.Bryan.ext@areva.com]
Sent: Monday, August 30, 2010 12:10 PM
To: Tesfaye, Getachew
Cc: DELANO Karen (AREVA); ROMINE Judy (AREVA); BENNETT Kathy (AREVA); WELLS Russell (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 265, FSAR Ch 3, Supplement 4

Getachew,

On June 3, 2010, AREVA NP Inc. submitted Supplement 2 to RAI No. 265 which responded to NRC comments on the AREVA NP response to Questions 03.06.03-20 and 03.06.03-21 that were provided in RAI No. 265 Supplement 1. The NRC comments were provided in a telecon with AREVA NP on April 7, 2010. On July 14 2010, AREVA NP submitted Supplement 3 to RAI No. 265 which provided a revised schedule for the response to the remaining NRC comment on Question 03.06.03-26, regarding the revised allowable load limit (ALL) diagrams for the pressurizer surge line (SL).

Additional time is needed to prepare the revised ALL diagrams. Accordingly , a revised schedule for the technically correct and complete response to the remaining NRC comment is provided below.

Question #	Response Date
RAI 265 — 03.06.03-26	September 30 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: Wednesday, July 14, 2010 3:05 PM
To: Tesfaye, Getachew
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); WELLS Russell D (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 265, FSAR Ch 3, Supplement 3

Getachew,

On June 3, 2010, AREVA NP Inc. submitted Supplement 2 to RAI No. 265 which responded to NRC comments on the AREVA NP response to Questions 03.06.03-20 and 03.06.03-21 that were provided in RAI No. 265 Supplement 1. The NRC comments were provided in a telecon with AREVA NP on April 7, 2010. The cover letter accompanying this RAI response (i.e., AREVA NP letter NRC 10:051), indicated that the response to the NRC comment on Question 03.06.03-26, regarding the revised allowable load limit (ALL) diagrams for the pressurizer surge line (SL) would be submitted to NRC by July 31, 2010. Additional time is needed to prepare the revised ALL diagrams.

The revised schedule for the technically correct and complete response to the remaining NRC comment is provided below.

Question #	Response Date
RAI 265 — 03.06.03-26	August 31, 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, June 03, 2010 6:20 PM
To: 'Tesfaye, Getachew'
Cc: WELLS Russell D (AREVA NP INC); DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC)
Subject: PROPRIETARY Response to U.S. EPR Design Certification Application RAI No. 265, FSAR Ch 3, Supplement 2

Getachew,

Attached are AREVA NP's letter (NRC 10:051), affidavit and PROPRIETARY and Non-Proprietary version of the response to RAI No. 265, Supplement 2.

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, June 03, 2010 6:15 PM
To: 'Tesfaye, Getachew'
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); WELLS Russell D (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 265, FSAR Ch 3, Supplement 2

Getachew,

The proprietary and non-proprietary versions of the response to RAI No. 265 Supplement 2 are submitted via AREVA NP Inc. letter, "Response to U.S. EPR Design Certification Application RAI No. 265, Supplement 2" NRC 10:051, dated June 3, 2010. The enclosure to that letter responds to NRC comments on the AREVA NP response to Questions 03.06.03-20 and 03.06.03-21 that were provided in RAI No. 265 Supplement 1. The NRC comments were provided in a telecon with AREVA NP on April 7, 2010. 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, "RAI 265 Supplement 2 Response US EPR DC.pdf" that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 265 — 03.06.03-20	2	4
RAI 265 — 03.06.03-21	5	10

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: WELLS Russell D (AREVA NP INC)
Sent: Friday, December 18, 2009 2:27 PM
To: 'Getachew Tesfaye'
Cc: Pederson Ronda M (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); DUNCAN Leslie E (AREVA NP INC)
Subject: Response to U.S. EPR Design Certification Application RAI No. 265, FSAR Ch 3, Supplement 1

Getachew,

The proprietary and non-proprietary versions of the response to RAI No. 265 are submitted via AREVA NP Inc. letter, "Response to U.S. EPR Design Certification Application RAI No. 265, Supplement 1" NRC 09:132, dated December 17, 2009. The enclosure to that letter provides technically correct and complete responses the remaining 6 questions in RAI No. 265. 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, "RAI 265 Response US EPR DC.pdf" that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 265 — 03.06.03-20	2	3
RAI 265 — 03.06.03-21	4	7
RAI 265 — 03.06.03-22	8	9
RAI 265 — 03.06.03-23	10	12
RAI 265 — 03.06.03-25	13	14
RAI 265 — 03.06.03-26	15	15

Also enclosed with this response are the following documents which support the responses to Questions 03.06.03-22 and 03.06.03-26:

- Updated Moment Versus Leakage Crack Lengths
- Leak-Before-Break (LBB) Finite Element Analysis (FEA) for the U.S. EPR Surge Line (SL)
- Updated Flaw Stability Analysis

This concludes the formal AREVA NP response to RAI 265, and there are no questions from this RAI for which AREVA NP has not provided responses.

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, October 16, 2009 5:38 PM

To: Tesfaye, Getachew

Cc: BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); WELLS Russell D (AREVA NP INC)

Subject: Response to U.S. EPR Design Certification Application RAI No. 265, FSARCh. 3

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 265 Response US EPR DC.pdf" provides a technically correct and complete response to 1 of the 7 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 265 Question 03.06.03-24.

The following table indicates the respective page in the response document, "RAI 265 Response US EPR DC.pdf," that contains AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 265 — 03.06.03-20	2	2
RAI 265 — 03.06.03-21	3	3
RAI 265 — 03.06.03-22	4	4
RAI 265 — 03.06.03-23	5	5
RAI 265 — 03.06.03-24	6	6
RAI 265 — 03.06.03-25	7	7
RAI 265 — 03.06.03-26	8	8

A complete answer is not provided for 6 of the 7 questions. The schedule for a technically correct and complete response to these questions is provided below.

Question #	Response Date
RAI 265 — 03.06.03-20	December 18, 2009
RAI 265 — 03.06.03-21	December 18, 2009
RAI 265 — 03.06.03-22	December 18, 2009
RAI 265 — 03.06.03-23	December 18, 2009
RAI 265 — 03.06.03-25	December 18, 2009
RAI 265 — 03.06.03-26	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

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From: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]

Sent: Wednesday, September 16, 2009 1:52 PM

To: ZZ-DL-A-USEPR-DL

Cc: Reichelt, Eric; Miernicki, Michael; Patel, Jay; Terao, David; Colaccino, Joseph; ArevaEPRDCPEm Resource

Subject: U.S. EPR Design Certification Application RAI No. 265 (3358), FSARCh. 3

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on August 3, 2009, and discussed with your staff on August 17, 2009. Draft RAI Questions 03.06.03-21 and 03.06.03-22d were 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: 1920

Mail Envelope Properties (BC417D9255991046A37DD56CF597DB7107609E79)

Subject: Response to U.S. EPR Design Certification Application RAI No. 265, FSAR Ch 3, Supplement 4
Sent Date: 8/30/2010 12:09:43 PM
Received Date: 8/30/2010 12:09:46 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
"WELLS Russell (AREVA)" <Russell.Wells@areva.com>
Tracking Status: None
"Tsfaye, Getachew" <Getachew.Tsfaye@nrc.gov>
Tracking Status: None

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Files	Size	Date & Time
MESSAGE	10206	8/30/2010 12:09:46 PM

Options

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