

## ArevaEPRDCPEm Resource

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**From:** WELLS Russell (AREVA) [Russell.Wells@areva.com]  
**Sent:** Monday, March 21, 2011 4:39 PM  
**To:** Tesfaye, Getachew  
**Cc:** DELANO Karen (AREVA); ROMINE Judy (AREVA); BENNETT Kathy (AREVA); CORNELL Veronica (EXTERNAL AREVA)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 306, FSAR Ch. 3, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 306 on December 4, 2009. AREVA NP provided responses to 8 of the 10 questions of RAI No. 306 on March 11, 2010. The schedule for technically correct and complete responses to the remaining 2 questions was changed May 12, 2010 to allow time to address items raised during the May 10, 2010 phone call and to interact with the NRC on the revised response. On June 2, 2010, AREVA NP submitted Supplement 3 to provide final responses to Question 03.12-19 and Question 03.12-20.

The final response to Question 03.08.01-39 was submitted in RAI 306 Supplement 1 on March 11, 2010. To address NRC comments received during the U.S. EPR FSAR Section 3.8 audit held February 14 – 17, 2011, the response to Question 03.08.01-39 is being revised. The schedule for a FINAL revised response to Question 03.08.01-39 has been added.

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

| Question #            | Response Date |
|-----------------------|---------------|
| RAI 306 — 03.08.01-39 | June 8, 2011  |

*Sincerely,*

*Russ Wells*

*U.S. EPR Design Certification Licensing Manager*

*AREVA NP, Inc.*

*3315 Old Forest Road, P.O. Box 10935*

*Mail Stop OF-57*

*Lynchburg, VA 24506-0935*

*Phone: 434-832-3884 (work)*

*434-942-6375 (cell)*

*Fax: 434-382-3884*

[Russell.Wells@Areva.com](mailto:Russell.Wells@Areva.com)

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**From:** BRYAN Martin (EXT)  
**Sent:** Wednesday, June 02, 2010 11:56 AM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); HAMMOND Philip R (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 306, FSAR Ch. 3, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 306 on December 4, 2009. AREVA NP provided responses to 8 of the 10 questions of RAI No. 306 on March 11, 2010. The schedule for technically correct and complete responses to the remaining 2 questions was changed May 12, 2010 to allow time to address items raised during the May 10, 2010 phone call and to interact with the NRC on the revised response. The attached file, "RAI 306 Supplement 3 Response US EPR DC" provides technically correct and complete responses to the remaining 2 questions, as committed.

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 306 Questions 3.12-19 and 3.12-20.

The following table indicates the respective pages in the response document, "RAI 306 Supplement 3 Response US EPR DC" that contain AREVA NP's response to the subject questions.

| Question #         | Start Page | End Page |
|--------------------|------------|----------|
| RAI 306 — 03.12-19 | 2          | 2        |
| RAI 306 — 03.12-20 | 3          | 6        |

This concludes the formal AREVA NP response to RAI 306, and there are no questions from this RAI for which AREVA NP has not provided responses.

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](mailto:Martin.Bryan.ext@areva.com)

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**From:** BRYAN Martin (EXT)  
**Sent:** Wednesday, May 12, 2010 4:26 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); HAMMOND Philip R (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 306, FSAR Ch. 3, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 306 on December 4, 2009. On March 11, 2010, AREVA NP provided responses to 8 of the 10 questions for RAI No. 306.

The schedule for technically correct and complete responses to the remaining 2 questions has been changed and is provided below. This change is to allow time to address items raised during the May 10, 2010 phone call and to interact with the NRC on the revised response.

| Question #         | Response Date |
|--------------------|---------------|
| RAI 306 — 03.12-19 | June 10, 2010 |
| RAI 306 — 03.12-20 | June 10, 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](mailto:Martin.Bryan.ext@areva.com)

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**From:** BRYAN Martin (EXT)  
**Sent:** Thursday, March 11, 2010 3:02 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); HAMMOND Philip R (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 306, FSAR Ch. 3, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for a technically correct and complete response to RAI No. 306 on December 4, 2009. The attached file, "RAI 306 Supplement 1 Response US EPR DC" provides technically correct and complete responses to 8 of the remaining 10 questions, as committed.

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 306 Questions 03.08.01-42 and 3.12-18.

The following table indicates the respective pages in the response document, "RAI 306 Supplement 1 Response US EPR DC," that contain AREVA NP's response to the subject questions. Please note that AREVA NP requests an opportunity for interaction with the staff regarding environmentally-assisted fatigue as it relates to the response to question 03.12-18.

| Question #            | Start Page | End Page |
|-----------------------|------------|----------|
| RAI 306 — 03.03.01-4  | 2          | 2        |
| RAI 306 — 03.08.01-39 | 3          | 8        |
| RAI 306 — 03.08.01-40 | 9          | 11       |
| RAI 306 — 03.08.01-41 | 12         | 13       |
| RAI 306 — 03.08.01-42 | 14         | 14       |
| RAI 306 — 03.08.01-43 | 15         | 16       |
| RAI 306 — 03.12-18    | 17         | 18       |
| RAI 306 — 03.12-19    | 19         | 19       |
| RAI 306 — 03.12-20    | 20         | 20       |
| RAI 306 — 03.12-21    | 21         | 21       |

The schedule for technically correct and complete responses to the remaining 2 questions has been changed due to administrative reasons and is provided below:

| Question # | Response Date |
|------------|---------------|
|------------|---------------|

|                    |              |
|--------------------|--------------|
| RAI 306 — 03.12-19 | May 12, 2010 |
| RAI 306 — 03.12-20 | May 12, 2010 |

Sincerely,

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

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**From:** Pederson Ronda M (AREVA NP INC)  
**Sent:** Friday, December 04, 2009 4:08 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); HAMMOND Philip R (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 306, FSAR Ch. 3

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 306 Response US EPR DC.pdf," provides the schedule for technically correct and complete responses to these questions.

The following table indicates the respective pages in the response document, "RAI 306 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

| Question #            | Start Page | End Page |
|-----------------------|------------|----------|
| RAI 306 — 03.03.01-4  | 2          | 2        |
| RAI 306 — 03.08.01-39 | 3          | 3        |
| RAI 306 — 03.08.01-40 | 4          | 4        |
| RAI 306 — 03.08.01-41 | 5          | 5        |
| RAI 306 — 03.08.01-42 | 6          | 6        |
| RAI 306 — 03.08.01-43 | 7          | 7        |
| RAI 306 — 03.12-18    | 8          | 8        |
| RAI 306 — 03.12-19    | 9          | 9        |
| RAI 306 — 03.12-20    | 10         | 10       |
| RAI 306 — 03.12-21    | 11         | 11       |

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

| Question #            | Response Date  |
|-----------------------|----------------|
| RAI 306 — 03.03.01-4  | March 12, 2010 |
| RAI 306 — 03.08.01-39 | March 12, 2010 |
| RAI 306 — 03.08.01-40 | March 12, 2010 |
| RAI 306 — 03.08.01-41 | March 12, 2010 |
| RAI 306 — 03.08.01-42 | March 12, 2010 |
| RAI 306 — 03.08.01-43 | March 12, 2010 |
| RAI 306 — 03.12-18    | March 12, 2010 |
| RAI 306 — 03.12-19    | March 12, 2010 |
| RAI 306 — 03.12-20    | March 12, 2010 |

Sincerely,

*Ronda Pederson*

[ronda.pederson@areva.com](mailto: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

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

**Sent:** Wednesday, November 04, 2009 12:14 PM

**To:** ZZ-DL-A-USEPR-DL

**Cc:** Patel, Jay; Xu, Jim; Hawkins, Kimberly; Hsu, Kaihwa; Dixon-Herrity, Jennifer; Miernicki, Michael; Colaccino, Joseph; ArevaEPRDCPEm Resource

**Subject:** U.S. EPR Design Certification Application RAI No. 306(3642,3787,3755), FSAR Ch. 3

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on October 9, 2009, and discussed with your staff on November 4, 2009. No changes were made to the draft RAI 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:** 2729

**Mail Envelope Properties** (1F1CC1BBDC66B842A46CAC03D6B1CD410420F9CA)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 306, FSAR Ch. 3, Supplement 4  
**Sent Date:** 3/21/2011 4:38:40 PM  
**Received Date:** 3/21/2011 4:38:48 PM  
**From:** WELLS Russell (AREVA)

**Created By:** Russell.Wells@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

"CORNELL Veronica (EXTERNAL AREVA)" <Veronica.Cornell.ext@areva.com>

Tracking Status: None

"Tesfaye, Getachew" <Getachew.Tesfaye@nrc.gov>

Tracking Status: None

**Post Office:** AUSLYNCMX02.adom.ad.corp

| <b>Files</b> | <b>Size</b> | <b>Date &amp; Time</b> |
|--------------|-------------|------------------------|
| MESSAGE      | 9923        | 3/21/2011 4:38:48 PM   |

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**