## ArevaEPRDCPEm Resource

**From:** BRYAN Martin (EXTERNAL AREVA) [Martin.Bryan.ext@areva.com]
**Sent:** Wednesday, February 09, 2011 4:57 PM
**To:** Tesfaye, Getachew
**Cc:** DELANO Karen (AREVA); ROMINE Judy (AREVA); BENNETT Kathy (AREVA); GUCWA Len (EXTERNAL AREVA)
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 389, FSAR Ch. 6, Supplement 6

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for technically correct and complete responses to the 5 questions in RAI 389 on June 30, 2010. On August 4, 2010 and September 1, 2010, AREVA NP provided revised response schedules in RAI 389 Supplement 1 and Supplement 2, respectively. On October 6, 2010, AREVA NP submitted Supplement 3 response to RAI 389, which provided a technically correct and complete response to 1 of the remaining 5 questions. On October 13, 2010 and November 17, 2010, AREVA NP submitted Supplement 4 and Supplement 5 responses to RAI 389, respectively, which provided revised response schedules. To provide an opportunity for additional interaction with the NRC staff, AREVA NP is providing a revised schedule for responding to Question 06.02.02-47. The schedule for the remaining questions is unchanged.

| Question # | Response Date |
|---|---|
| **RAI 389 — 06.02.02-47** | **March 28, 2011** |
| RAI 389 — 06.02.02-49 | March 10, 2011 |
| RAI 389 — 06.02.02-50 | March 10, 2011 |
| RAI 389 — 06.02.02-51 | March 10, 2011 |

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

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**From:** BRYAN Martin (External RS/NB)
**Sent:** Wednesday, November 17, 2010 9:28 AM
**To:** 'Tesfaye, Getachew'
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); GUCWA Len (External RS/NB)
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 389, FSAR Ch. 6, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for technically correct and complete responses to the 5 questions in RAI 389 on June 30, 2010. On August 4, 2010 and September 1, 2010, AREVA NP provided revised response schedules in RAI 389 Supplement 1 and Supplement 2, respectively. On October 6, 2010, AREVA NP submitted Supplement 3 response to RAI 389, which provided a technically correct and complete response to 1 of the remaining 5 questions. On October 13, 2010, AREVA NP submitted Supplement 4 response to RAI 389, which provided a revised response schedule. To provide an opportunity for additional

interaction with the NRC staff, AREVA NP is providing a revised schedule below for responding to the remaining questions.

| Question # | Response Date |
|---|---|
| RAI 389 — 06.02.02-47 | February 9, 2011 |
| RAI 389 — 06.02.02-49 | March 10, 2011 |
| RAI 389 — 06.02.02-50 | March 10, 2011 |
| RAI 389 — 06.02.02-51 | March 10, 2011 |

Sincerely,

Martin (Marty) C. Bryan
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**From:** BRYAN Martin (External RS/NB)
**Sent:** Wednesday, October 13, 2010 12:07 PM
**To:** 'Tesfaye, Getachew'
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); GUCWA Len (External RS/NB)
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 389, FSAR Ch. 6, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for technically correct and complete responses to the 5 questions in RAI 389 on June 30, 2010. On August 4, 2010 and September 1, 2010, AREVA NP provided revised response schedules in RAI 389 Supplement 1 and Supplement 2, respectively. On October 6, 2010, AREVA NP submitted Supplement 3 response to RAI 389, which provided a technically correct and complete response to 1 of the remaining 5 questions.

Proposed responses to the remaining RAI 389 questions were discussed with the NRC staff during an NRC containment functional design audit held on September 29-30, 2010. As a result of those discussions and to provide additional time for NRC interface, the schedule for responding to the remaining questions is revised and provided below.

| Question # | Response Date |
|---|---|
| RAI 389 — 06.02.02-47 | December 22, 2010 |
| RAI 389 — 06.02.02-49 | December 8, 2010 |
| RAI 389 — 06.02.02-50 | November 17, 2010 |
| RAI 389 — 06.02.02-51 | November 17, 2010 |

Sincerely,

Martin (Marty) C. Bryan
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**From:** BRYAN Martin (External RS/NB)
**Sent:** Wednesday, October 06, 2010 4:14 PM
**To:** 'Tesfaye, Getachew'
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); GUCWA Len (External RS/NB)
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 389, FSAR Ch. 6, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) provided a schedule for technically correct and complete responses to the 5 questions in RAI 389 on June 30, 2010. On August 4, 2010 and September 1, 2010, AREVA NP provided revised response schedules in RAI 389 Supplement 1 and Supplement 2, respectively. The attached file "RAI 389 Supplement 3 Response US EPR DC.pdf," provides a technically correct and complete response to 1 of the remaining 5 questions.

The following table indicates the respective pages in the response document, "RAI 389 Supplement 3 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question. 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 389 Question 06.02.02-48.

| Question # | Start Page | End Page |
|---|---|---|
| RAI 389 — 06.02.02-48 | 2 | 4 |

The schedule for technically correct and complete responses to the remaining 4 questions is unchanged and is provided below.

| Question # | Response Date |
|---|---|
| RAI 389 — 06.02.02-47 | October 13, 2010 |
| RAI 389 — 06.02.02-49 | October 13, 2010 |
| RAI 389 — 06.02.02-50 | October 13, 2010 |
| RAI 389 — 06.02.02-51 | October 13, 2010 |

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
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Martin.Bryan.ext@areva.com

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**From:** BRYAN Martin (External RS/NB)
**Sent:** Wednesday, September 01, 2010 6:42 PM
**To:** 'Tesfaye, Getachew'
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); GUCWA Len (External RS/NB)
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 389, FSAR Ch. 6, Supplement 2

Getachew,

On June 30, 2010, AREVA NP Inc. provided a schedule for technically correct and complete responses to the 5 questions. On August 4, 2010, AREVA NP provided a revised schedule in Supplement 1. To provide additional time to interact with the staff on question 06.02.02-48, a revised schedule is provided below.

The schedule for technically correct and complete responses is changed and is provided below.

| Question # | Response Date |
|---|---|
| RAI 389 — 06.02.02-47 | October 13, 2010 |
| RAI 389 — 06.02.02-48 | **October 7, 2010** |
| RAI 389 — 06.02.02-49 | October 13, 2010 |
| RAI 389 — 06.02.02-50 | October 13, 2010 |
| RAI 389 — 06.02.02-51 | October 13, 2010 |

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
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**From:** BRYAN Martin (EXT)
**Sent:** Wednesday, August 04, 2010 4:53 PM
**To:** 'Tesfaye, Getachew'
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); GUCWA Len T (EXT)
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 389, FSAR Ch. 6, Supplement 1

Getachew,

On June 30, 2010, AREVA NP Inc. provided a schedule for technically correct and complete responses to the 5 questions. To provide additional time to interact with the staff on question 06.02.02-48, a revised schedule is provided below.

The schedule for technically correct and complete responses is changed and is provided below.

| Question # | Response Date |
|---|---|
| RAI 389 — 06.02.02-47 | October 13, 2010 |
| RAI 389 — 06.02.02-48 | **September 1, 2010** |
| RAI 389 — 06.02.02-49 | October 13, 2010 |
| RAI 389 — 06.02.02-50 | October 13, 2010 |
| RAI 389 — 06.02.02-51 | October 13, 2010 |

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
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Martin.Bryan.ext@areva.com

**From:** BRYAN Martin (EXT)
**Sent:** Wednesday, June 30, 2010 7:34 PM
**To:** 'Tesfaye, Getachew'
**Cc:** DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); GUCWA Len T (EXT)
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 389, FSAR Ch. 6

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 389 Response US EPR DC.pdf" provides a schedule since technically correct and complete responses to the 5 questions are not provided.

The following table indicates the respective pages in the response document, "RAI 389 Response US EPR DC.pdf" that contain AREVA NP's responses to the subject questions.

| Question # | Start Page | End Page |
|---|---|---|
| RAI 389 — 06.02.02-47 | 2 | 2 |
| RAI 389 — 06.02.02-48 | 3 | 3 |
| RAI 389 — 06.02.02-49 | 4 | 5 |
| RAI 389 — 06.02.02-50 | 6 | 6 |
| RAI 389 — 06.02.02-51 | 7 | 7 |

A complete answer is not provided for the 5 questions. The schedule for technically correct and complete responses to these questions is provided below.

| Question # | Response Date |
|---|---|
| RAI 389 — 06.02.02-47 | October 13, 2010 |
| RAI 389 — 06.02.02-48 | August 4, 2010 |
| RAI 389 — 06.02.02-49 | October 13, 2010 |
| RAI 389 — 06.02.02-50 | October 13, 2010 |
| RAI 389 — 06.02.02-51 | October 13, 2010 |

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
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**From:** Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]
**Sent:** Wednesday, June 02, 2010 7:12 AM
**To:** ZZ-DL-A-USEPR-DL
**Cc:** Jensen, Walton; Peng, Shie-Jeng; Hayes(NRO), Michelle; Jackson, Christopher; McKirgan, John; Carneal, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource
**Subject:** U.S. EPR Design Certification Application RAI No. 389 (4615), FSAR Ch. 6

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on April 12, 2010, and discussed with your staff on April 22, 2010 and May 6, 2010. Drat RAI Question 06.02.02-49 was modified as a result of those discussions. 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:** 2526

**Mail Envelope Properties** (199EBB4D1CD9644D9472AA84D5D8EFA71C8DDB)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 389, FSAR Ch. 6, Supplement 6
**Sent Date:** 2/9/2011 4:57:22 PM
**Received Date:** 2/9/2011 4:57:28 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
"GUCWA Len (EXTERNAL AREVA)" <Len.Gucwa.ext@areva.com>
Tracking Status: None
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| **Files** | **Size** | **Date & Time** |
|---|---|---|
| MESSAGE | 11452 | 2/9/2011 4:57:28 PM |

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