

## ArevaEPRDCPEm Resource

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**From:** WELLS Russell (AREVA) [Russell.Wells@areva.com]  
**Sent:** Friday, April 29, 2011 8:09 AM  
**To:** Tesfaye, Getachew  
**Cc:** KOWALSKI David (AREVA); BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 14

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4, Supplement 5, Supplement 6, Supplement 7, Supplement 8, Supplement 9, Supplement 10, Supplement 11, Supplement 12 and Supplement 13 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010, July 8, 2010, August 17, 2010, September 16, 2010, October 15, 2010, November 17, 2010, December 16, 2010, January 17, 2011, February 18, 2011 and March 30, 2011, respectively, to provide a revised schedule for the remaining question.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail for the response to Question 09.01.04-14.

The schedule for a technically correct and complete response to the question is provided below.

| Question #            | Response Date |
|-----------------------|---------------|
| RAI 337 — 09.01.04-14 | 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:** WELLS Russell (RS/NB)  
**Sent:** Wednesday, March 30, 2011 1:04 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** KOWALSKI David (RS/NB); BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 13

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4, Supplement 5, Supplement 6, Supplement 7, Supplement 8, Supplement 9, Supplement 10, Supplement 11 and Supplement 12 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010, July 8, 2010, August 17, 2010, September 16, 2010, October 15, 2010, November 17, 2010, December 16, 2010, January 17, 2011 and February 18, 2011, respectively, to provide a revised schedule for the remaining question.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail for the response to Question 09.01.04-14.

The schedule for a technically correct and complete response to the question is provided below.

| Question #            | Response Date  |
|-----------------------|----------------|
| RAI 337 — 09.01.04-14 | April 29, 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 (External RS/NB)  
**Sent:** Friday, February 18, 2011 1:22 PM  
**To:** Tesfaye, Getachew  
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 12

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4, Supplement 5, Supplement 6, Supplement 7, Supplement 8, Supplement 9, Supplement 10 and Supplement 11 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010, July 8, 2010, August 17, 2010, September 16, 2010, October 15, 2010, November 17, 2010, December 16, 2010 and January 17, 2011, respectively, to provide a revised schedule for the remaining question.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail for the response to Question 09.01.04-14.

The schedule for a technically correct and complete response to the question has been revised as provided below.

| Question #            | Response Date  |
|-----------------------|----------------|
| RAI 337 — 09.01.04-14 | March 31, 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](mailto:Martin.Bryan.ext@areva.com)

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**From:** BRYAN Martin (External RS/NB)  
**Sent:** Monday, January 17, 2011 3:59 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 11

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4, Supplement 5, Supplement 6, Supplement 7, Supplement 8, Supplement 9 and Supplement 10 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010, July 8, 2010, August 17, 2010, September 16, 2010, October 15, 2010, November 17, 2010 and December 16, 2010, respectively, to provide a revised schedule for the remaining question. Please note the date communicated in the December 16, 2010 response was intended to be January 19, 2011.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail for the response to Question 09.01.04-14.

The schedule for a technically correct and complete response to the question has been revised as provided below.

| Question #            | Response Date     |
|-----------------------|-------------------|
| RAI 337 — 09.01.04-14 | February 18, 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](mailto:Martin.Bryan.ext@areva.com)

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**From:** BRYAN Martin (External RS/NB)  
**Sent:** Thursday, December 16, 2010 11:09 AM

**To:** Tesfaye, Getachew

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB); 'Miernicki, Michael'

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 10

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4, Supplement 5, Supplement 6, Supplement 7, Supplement 8 and Supplement 9 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010, July 8, 2010, August 17, 2010, September 16, 2010, October 15, 2010 and November 17, 2010, respectively, to provide a revised schedule for the remaining question.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail for the response to Question 09.01.04-14.

The schedule for a technically correct and complete response to the question has been revised as provided below.

| Question #            | Response Date    |
|-----------------------|------------------|
| RAI 337 — 09.01.04-14 | January 19, 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 (External RS/NB)

**Sent:** Wednesday, November 17, 2010 10:20 AM

**To:** 'Tefaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB); 'Miernicki, Michael'

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 9

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4, Supplement 5, Supplement 6, Supplement 7 and Supplement 8 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010, July 8, 2010, August 17, 2010, September 16, 2010 and October 15, 2010 respectively, to provide a revised schedule for the remaining question.

Since the remaining response is being processed, a revised schedule is provided in this e-mail.

The schedule for a technically correct and complete response to the question has been revised as provided below.

| Question #            | Response Date     |
|-----------------------|-------------------|
| RAI 337 — 09.01.04-14 | December 17, 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 (External RS/NB)  
**Sent:** Friday, October 15, 2010 9:47 AM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 8

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4, Supplement 5 and Supplement 6 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010, July 8, 2010 and August 17, 2010, respectively, to provide a revised schedule for the remaining question. Supplement 7 response to RAI No. 337 was sent on September 16, 2010, to revise the schedule to allow time for further interaction between AREVA and the NRC staff.

To allow time for further interaction between AREVA and the NRC staff, a revised schedule is provided in this e-mail.

The schedule for a technically correct and complete response to the remaining question has been revised as provided below.

| Question #            | Response Date     |
|-----------------------|-------------------|
| RAI 337 — 09.01.04-14 | November 17, 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)

**From:** BRYAN Martin (External RS/NB)  
**Sent:** Thursday, September 16, 2010 2:28 PM  
**To:** 'Getachew.Tesfaye@nrc.gov'  
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 7

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4, Supplement 5 and Supplement 6 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010, July 8, 2010 and August 17, 2010, respectively, to provide a revised schedule for the remaining question.

To provide additional time to interact with the NRC, a revised schedule is provided in this e-mail.

The schedule for a technically correct and complete response to the question has been revised as provided below.

| Question #            | Response Date    |
|-----------------------|------------------|
| RAI 337 — 09.01.04-14 | October 15, 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 (External RS/NB)  
**Sent:** Tuesday, August 17, 2010 9:36 AM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); KOWALSKI David (RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 6

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3, Supplement 4 and Supplement 5 responses to RAI No. 337 were sent on April 23, 2010, May 21, 2010 and July 8, 2010, to provide a revised schedule for the remaining question.

To allow time for interaction between AREVA and the NRC staff, a revised schedule is provided in this e-mail.

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

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

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, July 08, 2010 2:53 PM  
**To:** 'Tefaye, Getachew'  
**Cc:** DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); KOWALSKI David J (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 5

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3 and Supplement 4 responses to RAI No. 337 were sent on April 23, 2010 and May 21, 2010, to provide a revised schedule for the remaining question.

To allow time for continued interaction between AREVA and the NRC staff, a revised schedule is provided in this e-mail.

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

| Question #            | Response Date   |
|-----------------------|-----------------|
| RAI 337 — 09.01.04-14 | August 17, 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:** Friday, May 21, 2010 3:21 PM  
**To:** 'Tefaye, Getachew'  
**Cc:** DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); KOWALSKI David J (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 4

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions. Supplement 3 response to RAI No. 337 was sent on April 23, 2010 to provide a revised schedule for the remaining question.

A draft response to the remaining question was shared with the NRC staff on May 12, 2010. To address comments on the draft response, and also support interaction with the NRC staff to review the revised response prior to a formal submittal, the schedule for a technically correct and complete response to the remaining question has been changed and is provided below:

| Question #            | Response Date |
|-----------------------|---------------|
| RAI 337 — 09.01.04-14 | July 8, 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:** Friday, April 23, 2010 4:09 PM  
**To:** 'Getachew.Tesfaye@nrc.gov'  
**Cc:** DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); KOWALSKI David J (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 3

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the questions. Supplement 2 response to RAI No. 337 was sent on March 19, 2010 to address seven of the questions and provide a revised schedule for the remaining question.

As agreed with the NRC, additional time is needed for AREVA to interact with the NRC on the proposed response to RAI Question 09.01.04-14, and a revised response schedule is provided below.

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

| Question #            | Response Date |
|-----------------------|---------------|
| RAI 337 — 09.01.04-14 | May 21, 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:** Friday, March 19, 2010 4:35 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); KOWALSKI David J (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 2

Getachew,

AREVA NP Inc. provided a schedule for technically correct and complete responses to RAI No. 337 on January 25, 2010. Supplement 1 response to RAI No. 337 was sent on March 1, 2010 to address one of the 9 questions.

The attached file, "RAI 337 Supplement 2 Response US EPR DC.pdf" provides technically correct and complete responses to seven of the remaining eight 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 337 Questions 09.02.02-79, 09.02.02-80, 09.02.02-81, 09.02.02-82, 09.02.02-83.

The following table indicates the respective pages in the response document, "RAI 337 Supplement 2 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

| Question #            | Start Page | End Page |
|-----------------------|------------|----------|
| RAI 337 — 09.02.02-79 | 2          | 4        |
| RAI 337 — 09.02.02-80 | 5          | 6        |
| RAI 337 — 09.02.02-81 | 7          | 8        |
| RAI 337 — 09.02.02-82 | 9          | 10       |
| RAI 337 — 09.02.02-83 | 11         | 11       |
| RAI 337 — 09.02.02-84 | 12         | 12       |
| RAI 337 — 09.02.02-85 | 13         | 13       |

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

| Question #            | Response Date  |
|-----------------------|----------------|
| RAI 337 — 09.01.04-14 | April 23, 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:** BRYAN Martin (EXT)  
**Sent:** Monday, March 01, 2010 12:57 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); ROMINE Judy (AREVA NP INC); KOWALSKI David J (AREVA NP INC)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9, Supplement 1

Getachew,

AREVA NP Inc. provided responses to RAI No. 337 on January 25, 2010 stating that a complete answer could not be provided for any of the questions. The attached file, "RAI 337 Supplement 1 Response US EPR DC.pdf" provides a technically correct and complete response to 1 of the remaining 9 questions, as committed.

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 337 Question 09.05.01-74.

The following table indicates the respective pages in the response document, "RAI 337 Supplement 1 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

| Question #            | Start Page | End Page |
|-----------------------|------------|----------|
| RAI 337 — 09.05.01-74 | 2          | 5        |

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

| Question #            | Response Date  |
|-----------------------|----------------|
| RAI 337 — 09.01.04-14 | March 19, 2010 |
| RAI 337 — 09.02.02-79 | March 19, 2010 |
| RAI 337 — 09.02.02-80 | March 19, 2010 |
| RAI 337 — 09.02.02-81 | March 19, 2010 |
| RAI 337 — 09.02.02-82 | March 19, 2010 |
| RAI 337 — 09.02.02-83 | March 19, 2010 |
| RAI 337 — 09.02.02-84 | March 19, 2010 |
| RAI 337 — 09.02.02-85 | March 19, 2010 |

Sincerely,

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

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**From:** DUNCAN Leslie E (AREVA NP INC)  
**Sent:** Monday, January 25, 2010 2:54 PM

**To:** 'Tesfaye, Getachew'

**Cc:** BENNETT Kathy A (OFR) (AREVA NP INC); DELANO Karen V (AREVA NP INC); KOWALSKI David J (AREVA NP INC)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 337, FSAR Ch. 9

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 337 Response US EPR DC," provides a schedule since technically correct and complete responses to the nine questions are not provided.

The following table indicates the respective pages in the response document, "RAI 337 Response US EPR DC," that contain AREVA NP's response to the subject questions.

| <b>Question #</b>     | <b>Start Page</b> | <b>End Page</b> |
|-----------------------|-------------------|-----------------|
| RAI 337 — 09.01.04-14 | 2                 | 3               |
| RAI 337 — 09.02.02-79 | 4                 | 5               |
| RAI 337 — 09.02.02-80 | 6                 | 7               |
| RAI 337 — 09.02.02-81 | 8                 | 9               |
| RAI 337 — 09.02.02-82 | 10                | 11              |
| RAI 337 — 09.02.02-83 | 12                | 12              |
| RAI 337 — 09.02.02-84 | 13                | 13              |
| RAI 337 — 09.02.02-85 | 14                | 14              |
| RAI 337 — 09.05.01-74 | 15                | 16              |

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

| <b>Question #</b>     | <b>Response Date</b> |
|-----------------------|----------------------|
| RAI 337 — 09.01.04-14 | March 19, 2010       |
| RAI 337 — 09.02.02-79 | March 19, 2010       |
| RAI 337 — 09.02.02-80 | March 19, 2010       |
| RAI 337 — 09.02.02-81 | March 19, 2010       |
| RAI 337 — 09.02.02-82 | March 19, 2010       |
| RAI 337 — 09.02.02-83 | March 19, 2010       |
| RAI 337 — 09.02.02-84 | March 19, 2010       |
| RAI 337 — 09.02.02-85 | March 19, 2010       |
| RAI 337 — 09.05.01-74 | March 1, 2010        |

Sincerely,

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

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

**Sent:** Tuesday, December 15, 2009 7:26 AM

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

**Cc:** Wheeler, Larry; Tatum, James; McCann, Edward; Segala, John; Lee, Samuel; Hearn, Peter; Colaccino, Joseph;

ArevaEPRDCPEm Resource

**Subject:** U.S. EPR Design Certification Application RAI No. 337 (3992, 4018,4110, 4079), FSAR Ch. 9

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on December 6, 2009, and on December 14, 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, excluding the time period of **December 25, 2009 thru January 3, 2010, to account for the holiday season** as discussed with AREVA NP Inc. For any RAIs that cannot be answered **within 40 days**, it is expected that a date for receipt of this information will be provided to the staff within the 40-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:** 2911

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