

## ArevaEPRDCPEm Resource

---

**From:** WELLS Russell (AREVA) [Russell.Wells@areva.com]  
**Sent:** Friday, April 22, 2011 7:56 AM  
**To:** Tesfaye, Getachew  
**Cc:** LENTZ Tony (EXTERNAL AREVA); BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 260, FSAR Ch. 14, Supplement 8

Getachew,

AREVA NP Inc. (AREVA NP) is unable to provide a response to the remaining RAI No. 260 question at this time. The schedule for providing a response to the remaining Question, 14.03.02-42, is being revised. The question concerns ITAAC for pipe break loads and pipe break effects (including cubicle pressurization).

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

Question #	Response Date
RAI 260 — 14.03.02-42	August 1, 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)*

---

**From:** WELLS Russell (RS/NB)  
**Sent:** Friday, March 04, 2011 3:34 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen (RS/NB); BENNETT Kathy (RS/NB); ROMINE Judy (RS/NB); LENTZ Tony (External RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 260, FSAR Ch. 14, Supplement 7

Getachew,

AREVA NP Inc. (AREVA NP) is unable to provide a response to the remaining RAI No. 260 question at this time. The schedule for providing a response to the remaining Question, 14.03.02-42, is being revised because the associated subcompartment pressurization calculations are still being performed.

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

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

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)

---

**From:** BRYAN Martin (External RS/NB)

**Sent:** Wednesday, December 08, 2010 4:00 PM

**To:** 'Tefaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); WELLS Russell (RS/NB)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 260, FSAR Ch. 14, Supplement 6

Getachew,

AREVA NP Inc. (AREVA NP) is unable to provide a response to the remaining RAI No. 260 question at this time. The schedule for providing a response to the remaining Question, 14.03.02-42, is being revised because the associated subcompartment pressurization calculations are still being performed.

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

Question #	Response Date
RAI 260 — 14.03.02-42	March 8, 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)

---

**From:** BRYAN Martin (External RS/NB)

**Sent:** Tuesday, August 31, 2010 5:26 PM

**To:** Tefaye, Getachew

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); LENTZ Tony (External RS/NB)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 260, FSAR Ch. 14, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) is unable to provide a response to the remaining RAI No. 260 question at this time. The schedule for providing a response to the remaining Question, 14.03.02-42, is being revised because the associated subcompartment pressurization calculations are still being performed.

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

Question #	Response Date
RAI 260 — 14.03.02-42	December 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)

---

**From:** BRYAN Martin (External RS/NB)  
**Sent:** Tuesday, August 31, 2010 5:26 PM  
**To:** 'Tesfaye, Getachew'  
**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); LENTZ Tony (External RS/NB)  
**Subject:** Response to U.S. EPR Design Certification Application RAI No. 260, FSAR Ch. 14, Supplement 5

Getachew,

AREVA NP Inc. (AREVA NP) is unable to provide a response to the remaining RAI No. 260 question at this time. The schedule for providing a response to the remaining Question, 14.03.02-42, is being revised because the associated subcompartment pressurization calculations are still being performed.

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

Question #	Response Date
RAI 260 — 14.03.02-42	December 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)

---

**From:** BRYAN Martin (EXT)  
**Sent:** Tuesday, August 10, 2010 7:45 AM

**To:** 'Tesfaye, Getachew'

**Cc:** DELANO Karen (RS/NB); ROMINE Judy (RS/NB); BENNETT Kathy (RS/NB); LENTZ Tony F (EXT)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 260, FSAR Ch. 14, Supplement 4

Getachew,

AREVA NP Inc. (AREVA NP) is unable to provide a response to the remaining RAI No. 260 question at this time. The schedule for providing a response to the remaining Question, 14.03.02-42, is being revised because the associated subcompartment pressurization calculations are still being performed.

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

Question #	Response Date
RAI 260 — 14.03.02-42	September 1, 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 (EXT)

**Sent:** Friday, May 21, 2010 11:44 AM

**To:** 'Tesfaye, Getachew'

**Cc:** DELANO Karen V (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); ROMINE Judy (AREVA NP INC); LENTZ Tony F (EXT)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 260, FSAR Ch. 14, Supplement 3

Getachew,

AREVA NP Inc. (AREVA NP) is unable to provide a response to the remaining RAI No. 260 question at this time. The schedule for providing a response to the remaining Question, 14.03.02-42, is being revised because the associated subcompartment pressurization calculations are still being performed.

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

Question #	Response Date
RAI 260 — 14.03.02-42	August 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)

---

**From:** Pederson Ronda M (AREVA NP INC)  
**Sent:** Friday, December 04, 2009 6:57 PM  
**To:** 'Getachew Tesfaye'  
**Cc:** DUNCAN Leslie E (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. 260, FSAR Ch. 14, Supplement 2

Getachew,

AREVA NP Inc. (AREVA NP) is unable to provide a response to the remaining RAI No. 260 question at this time. The schedule for providing a response to the remaining Question, 14.03.02-42, is being revised because the associated subcompartment pressurization calculations are still being performed.

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

Question #	Response Date
RAI 260 — 14.03.02-42	May 21, 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

---

**From:** Pederson Ronda M (AREVA NP INC)  
**Sent:** Wednesday, October 21, 2009 6:23 PM  
**To:** 'Tsfaye, Getachew'  
**Cc:** 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. 260, FSAR Ch. 14, Supplement 1

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 27 of the 32 questions of RAI No. 260 on September 4, 2009. The attached file, "RAI 260 Supplement 1 Response US EPR DC.pdf," provides technically correct and complete responses to 4 of the remaining 5 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 260 Questions 14.02-99, 14.02-102, and 14.02-103.

The following table indicates the respective page in the response document, "RAI 260 Supplement 1 Response US EPR DC.pdf," that contains AREVA NP's response to the subject questions.

Question #	Start Page	End Page
------------	------------	----------

RAI 260 — 14.02-99	2	2
RAI 260 — 14.02-102	3	3
RAI 260 — 14.02-103	4	4
RAI 260 — 14.02-111, Part c	5	5

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

Question #	Response Date
RAI 260 — 14.03.02-42	December 18, 2009

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

---

**From:** Pederson Ronda M (AREVA NP INC)

**Sent:** Friday, September 04, 2009 4:37 PM

**To:** 'Tesfaye, Getachew'; 'Miernicki, Michael'

**Cc:** 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. 260, FSAR Ch. 14

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 260 Response US EPR DC.pdf," provides technically correct and complete responses to 27 of 32 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 260 Questions 14.02-100, 14.02-101, 14.02-104 through 14.02-122, 14.03-11, and 14.03.03-41 through 14.03.03-44.

The following table indicates the respective pages in the response document, "RAI 260 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 260 — 14.02-99	2	2
RAI 260 — 14.02-100	3	3
RAI 260 — 14.02-101	4	5
RAI 260 — 14.02-102	6	6
RAI 260 — 14.02-103	7	7
RAI 260 — 14.02-104	8	8

RAI 260 — 14.02-105	9	9
RAI 260 — 14.02-106	10	11
RAI 260 — 14.02-107	12	12
RAI 260 — 14.02-108	13	13
RAI 260 — 14.02-109	14	14
RAI 260 — 14.02-110	15	15
RAI 260 — 14.02-111	16	16
RAI 260 — 14.02-112	17	17
RAI 260 — 14.02-113	18	18
RAI 260 — 14.02-114	19	19
RAI 260 — 14.02-115	20	20
RAI 260 — 14.02-116	21	21
RAI 260 — 14.02-117	22	22
RAI 260 — 14.02-118	23	23
RAI 260 — 14.02-119	24	24
RAI 260 — 14.02-120	25	25
RAI 260 — 14.02-121	26	34
RAI 260 — 14.02-122	35	35
RAI 260 — 14.03-11	36	36
RAI 260 — 14.03.02-42	37	38
RAI 260 — 14.03.03-39	39	41
RAI 260 — 14.03.03-40	42	42
RAI 260 — 14.03.03-41	43	43
RAI 260 — 14.03.03-42	44	44
RAI 260 — 14.03.03-43	45	45
RAI 260 — 14.03.03-44	46	46

A complete answer is not provided for the 5 of the 32 questions. The schedule for technically correct and complete responses to these questions is provided below.

Question #	Response Date
RAI 260 — 14.02-99	October 21, 2009
RAI 260 — 14.02-102	October 21, 2009
RAI 260 — 14.02-103	October 21, 2009
RAI 260 — 14.02-111, Part c	October 21, 2009
RAI 260 — 14.03.02-42	December 18, 2009

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

---

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

**Sent:** Wednesday, August 05, 2009 2:02 PM

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

**Cc:** Tomon, John; Peralta, Juan; Wolfgang, Robert; Segala, John; Jeng, David; Chakravorty, Manas; Ng, Ching; Dixon-Herrity, Jennifer; Kleeh, Edmund; Laura, Richard; Miernicki, Michael; Colaccino, Joseph; ArevaEPRDCPEm Resource

**Subject:** U.S. EPR Design Certification Application RAI No. 260 (2569, 2714,3084, 3181, 2776, 3262), FSAR Ch. 14

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on July 14, 2009, and on August 3, 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. 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:** 2889

**Mail Envelope Properties** (1F1CC1BBDC66B842A46CAC03D6B1CD410442A22E)

**Subject:** Response to U.S. EPR Design Certification Application RAI No. 260, FSAR Ch. 14, Supplement 8  
**Sent Date:** 4/22/2011 7:56:03 AM  
**Received Date:** 4/22/2011 7:56:08 AM  
**From:** WELLS Russell (AREVA)

**Created By:** Russell.Wells@areva.com

**Recipients:**

"LENTZ Tony (EXTERNAL AREVA)" <Tony.Lentz.ext@areva.com>  
Tracking Status: None  
"BENNETT Kathy (AREVA)" <Kathy.Bennett@areva.com>  
Tracking Status: None  
"DELANO Karen (AREVA)" <Karen.Delano@areva.com>  
Tracking Status: None  
"ROMINE Judy (AREVA)" <Judy.Romine@areva.com>  
Tracking Status: None  
"RYAN Tom (AREVA)" <Tom.Ryan@areva.com>  
Tracking Status: None  
"Tsfaye, Getachew" <Getachew.Tsfaye@nrc.gov>  
Tracking Status: None

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

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	14698	4/22/2011 7:56:08 AM

**Options**

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