

ArevaEPRDCPEm Resource

From: RYAN Tom (AREVA) [Tom.Ryan@areva.com]
Sent: Friday, June 17, 2011 12:09 PM
To: Tesfaye, Getachew
Cc: LENTZ Tony (EXTERNAL AREVA); BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); WILLIFORD Dennis (AREVA); RYAN Tom (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 260, FSAR Ch. 14, Supplement 9
Attachments: RAI 260 Supplement 9 Response US EPR DC.pdf

Getachew,

AREVA NP Inc. (AREVA NP) provided responses to 27 of the 32 questions of RAI No. 260 on September 4, 2009. Supplement 1 response to RAI 260 was sent on October 21, 2009 to address 4 of the remaining 5 questions. AREVA NP submitted Supplements 3, 4, 5, 6, 7, and 8 on December 4, 2009, May 21, 2010, August 10, 2010, August 31, 2010, December 8, 2010, March 4, 2010 and April 22, 2011, respectively, to provide a revised response schedule for Question 14.03.02-42.

The attached file, "RAI 260 Supplement 9 Response US EPR DC.pdf," provides technically correct and complete response to the remaining question, as committed.

The following table indicates the respective pages in the response document "RAI 260 Supplement 9 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 260 — 14.03.02-42	2	4

This concludes the formal AREVA NP response to RAI 260, and there are no questions from this RAI for which AREVA NP has not provided responses.

Sincerely,

**Tom Ryan for
Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.**
7207 IBM Drive, Mail Code CLT 2B
Charlotte, NC 28262
Phone: 704-805-2223
Email: Dennis.Williford@areva.com

From: WELLS Russell (RS/NB)
Sent: Friday, April 22, 2011 7:56 AM
To: Tesfaye, Getachew
Cc: LENTZ Tony (External 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. 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

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
RAI 260 — 14.03.02-42	April 28, 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

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

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

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

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

From: BRYAN Martin (EXT)
Sent: Friday, May 21, 2010 11:44 AM
To: 'Tefsaye, 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

From: Pederson Ronda M (AREVA NP INC)
Sent: Friday, December 04, 2009 6:57 PM
To: 'Getachew Tefsaye'
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

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

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: 'Tefsaye, 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

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: 3129

Mail Envelope Properties (8D609EE2F807714CBF5297D9BA8602FB012EFAD3)

Subject: Response to U.S. EPR Design Certification Application RAI No. 260, FSAR Ch. 14, Supplement 9
Sent Date: 6/17/2011 12:08:37 PM
Received Date: 6/17/2011 12:08:42 PM
From: RYAN Tom (AREVA)

Created By: Tom.Ryan@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
"WILLIFORD Dennis (AREVA)" <Dennis.Williford@areva.com>
Tracking Status: None
"RYAN Tom (AREVA)" <Tom.Ryan@areva.com>
Tracking Status: None
"Tsfaye, Getachew" <Getachew.Tsfaye@nrc.gov>
Tracking Status: None

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Files	Size	Date & Time
MESSAGE	16405	6/17/2011 12:08:42 PM
RAI 260 Supplement 9 Response US EPR DC.pdf		67266

Options

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

Response to

**Request for Additional Information No. 260 (2569,2714,3084,3181,2776,3262),
Revision 0, Supplement 9**

8/05/2009

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

**SRP Section: 14.02 - Initial Plant Test Program - Design Certification and New
License Applicants**

SRP Section: 14.03 - Inspections, Tests, Analyses, and Acceptance Criteria

**SRP Section: 14.03.02 - Structural and Systems Engineering - Inspections, Tests,
Analyses, and Acceptance Criteria**

**SRP Section: 14.03.03 - Piping Systems and Components - Inspections, Tests,
Analyses, and Acceptance Criteria**

Application Section: SRP 14.02

QUESTIONS for Quality and Vendor Branch 1 (AP1000/EPR Projects) (CQVP)

QUESTIONS for Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)

QUESTIONS for Structural Engineering Branch 2 (ESBWR/ABWR Projects) (SEB2)

**QUESTIONS for Engineering Mechanics Branch 2 (ESBWR/ABWR Projects)
(EMB2)**

QUESTIONS for Construction Inspection and Allegations Branch (CCIB)

Question 14.03.02-42:

In its response to RAI 132, Question 14.03.02-11-1, part h, the applicant stated that the U.S. EPR FSAR Tier 1, Section 2.1 would be revised to provide additional details regarding the basis for protection against pressurization effects associated with postulated rupture of pipes. In the revised design description write-up of Section 2.1.1 and associated subsections there are references to accident pressure loads and pipe break loads, however there is nothing that specifically addresses cubicle pressurization loads and the basis for protection against pressurization effects. Also in revised ITAAC Tables 2.1.1-4 and 2.1.1-8, cubicle pressurization effects have not been explicitly included. Table 2.1.1-4 provides ITAAC for the Nuclear Island which includes the Reactor Building. Item 3.4 in Table 2.1.1-4 states under "Commitment Wording", that a pipe break hazards analyses summary exists that concludes the plant can be safely shut down and maintained in a cold safe shutdown following a pipe break with loss of offsite power. Under "Inspection, Analysis or Test" it states that a pipe break hazards analysis will be performed. Under "Acceptance Criteria", it addresses pipe stresses in the penetration area, pipe whip restraints and jet impingement shields, environmental effects of postulated pipe rupture, and loads on safety-related SSCs. Cubicle pressurization is not mentioned. Under "Commitment Wording", it should state what the pipe break hazards analysis includes and address cubicle pressurization. Under "Inspection, Analysis or Test" a second activity should be added requiring that an inspection of as-installed features that provide protection against pipe break effects including the effects of cubicle pressurization will be performed and compared to the requirements identified in the pipe break hazards analysis. Under "Acceptance Criteria" cubicle pressurization should be addressed. Item 3.5 in Table 2.1.1-4 appears to address jet impingement shields and pipe whip restraints for certain rooms listed in Table 2.1.1-6. As a result it is not clear if Item 3.4 addresses all other jet impingement shields and pipe whip restraints or is not supposed to address them at all. The applicant needs to revise the wording in the "Commitment Wording", "Inspection, Analysis or Test" and "Acceptance Criteria" columns for items 3.4 and 3.5 so it is clear as to which aspect of pipe hazards analysis each of these ITAAC items is to address.

Table 2.1.1-8 addresses ITAAC for the Reactor Building. Item 2.4 under Commitment Wording, states that the RB structures are Seismic Category I structures designed and constructed to withstand design basis loads as specified below. Among the loads specified below are accident pressure loads and pipe break loads including reaction loads, jet impingement loads and missile impact loads. The first activity under "Inspection, Analysis or Test" states that an analysis of the RB structures will be performed to the design basis loads. It is not clear if the analysis described in Item 2.4 for pipe break loads will be the same analysis described in Item 3.4 of Table 2.1.1-4 or is a different analysis. The scope that is assigned to Items 3.4 and 3.5 in Table 2.1.1-4 and that assigned to Item 2.4 in Table 2.1.1-8 as it relates to the effects of pipe break needs to be clear and precise. Because it is not, the applicant is requested to do the following as it relates to pipe break, pipe break effects and cubicle pressurization:

1. Include in the design description for the NI structures the basis for protection against cubicle pressurization effects.
2. For Item 3.4 of Table 2.1.1-4, under "Commitment Wording" specify what pipe break effects the pipe break hazards analysis includes and include cubicle pressurization if it applies to this item. Also specify which NI structures this item is applicable to and whether or not it includes the reactor building.

3. For Item 3.4 of Table 2.1.1-4 under "Inspection, Analysis or Test", include an inspection of the structure and require a reconciliation of the inspection with the structural requirements of the pipe break hazards analysis.
4. For Item 3.4 of Table 2.1.1-4 under "Acceptance Criteria", include the acceptance criteria for cubicle pressurization.
5. As both Item 3.4 and Item 3.5 of Table 2.1.1-4 address design features to protect against the effects of pipe break and because Item 3.5 could be a subset of Item 3.4, provide a distinction between the "Commitment Wording", "Inspection Analysis or Test", and "Acceptance Criteria" for each of these items so that there is no ambiguity as to what each are intended to address.
6. Regarding Item 2.4 of Table 2.1.1-8 the applicant is requested to revise this item such that there is no confusion between the scope of Item 2.4 as it relates to pipe break loads and pipe break effects (including cubicle pressurization) and the scope that Items 3.4 and 3.5 of Table 2.1.1-4 are intended to cover.

Response to Question 14.03.02-42:

1. The basis for protection against cubicle pressurization associated with postulated rupture of pipes for the NI structures are addressed in U.S. EPR FSAR Tier 1, Section 3.8, Pipe Break Hazards, and ITAAC Table 3.8-1.
2. In the Response to RAI 354, Supplement 6, Question 03.06.02-42, U.S. EPR FSAR Tier 1, Section 2.1.1, Item 3.4 and Table 2.1.1-4, Item 3.4 were deleted and moved to U.S. EPR FSAR Tier 1, Section 3.8 and Table 3.8-1. The Response to RAI 354, Supplement 6, Question 03.06.02-42 also modified the commitment wording.
3. In the Response to RAI 354, Supplement 6, Question 03.06.02-42, U.S. EPR FSAR Tier 1, Section 2.1.1, Item 3.4 and Table 2.1.1-4, Item 3.4 were deleted and moved to U.S. EPR FSAR Tier 1, Section 3.8 and Table 3.8-1. The Response to RAI 354, Supplement 6, Question 03.06.02-42 also modified the Inspection, Analysis or Test wording to include an inspection of the structure and require a reconciliation of the inspection with the structural requirements of the pipe break hazards analysis.
4. In the Response to RAI 354, Supplement 6, Question 03.06.02-42, U.S. EPR FSAR Tier 1, Section 2.1.1-4, Item 3.4 and Table 2.1.1-4, Item 3.4 were deleted and moved to U.S. EPR FSAR Tier 1, Section 3.8 and Table 3.8-1. The Response to RAI 354, Supplement 6, Question 03.06.02-42 also modified the Acceptance Criteria to include the acceptance criteria for cubicle pressurization.
5. In the Response to RAI 354, Supplement 6, Question 03.06.02-42, U.S. EPR FSAR Tier 1, Section 2.1.1-4, Item 3.4 and Table 2.1.1-4, Item 3.4 were deleted and moved to U.S. EPR FSAR Tier 1, Section 3.8 and Table 3.8-1. In the Response to RAI 222, Supplement 2, Question 03.06.02-31, Item 2, U.S. EPR FSAR Tier 1, Section 2.1.1-4, Item 3.5 and Table 2.1.1-4, Item 3.5 were deleted. These changes removed the ambiguity between these items.
6. The deletion of Section 2.1.1, Items 3.4 and 3.5 and Table 2.1.1-4, Items 3.4 and 3.5 per RAI 354, Supplement 6, Question 03.06.02-42 and RAI 222, Supplement 2, Question 03.06.02-31, Item 2 removed the confusion with Section 2.1.1, Item 2.4 and Table 2.1.1-8, Item 2.4.

FSAR Impact:

The U.S. EPR FSAR will not be changed as a result of this question.