

ArevaEPRDCPEm Resource

From: RYAN Tom (AREVA) [Tom.Ryan@areva.com]
Sent: Tuesday, March 04, 2014 11:08 AM
To: Wunder, George
Cc: HOTTLE Nathan (AREVA); GUCWA Len (EXTERNAL AREVA); UYEDA Graydon (AREVA); RANSOM Jim (AREVA); LEIGHLITER John (AREVA); WILLIFORD Dennis (AREVA); RYAN Tom (AREVA); ROMINE Judy (AREVA); DELANO Karen (AREVA); WILLS Tiffany (AREVA); BALLARD Bob (AREVA); OPSAL Philip (AREVA); Hearn, Peter
Subject: Response to US EPR FINAL RAI letter 618 RAI 7245
Attachments: RAI 618 Response US EPR DC.pdf

George,

Attached please find AREVA Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 618 Response US EPR DC.pdf," provides a schedule since a technically correct and complete response to the question cannot be provided at this time.

The following table indicates the respective pages in the response document, "RAI 618 Response US EPR DC.pdf" that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 618 – 16-326	2	3

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

Question #	Advanced Response Date	NRC Comment Request Date	Response Date
RAI 618 – 16-326	March 20, 2015	April 17, 2015	May 1, 2015

Sincerely,

Tom Ryan

Manager, US EPR DCD

Regulatory Affairs

AREVA NP

An AREVA and Siemens company

7207 IBM Drive - CLT2B

Charlotte, NC 28262

Phone: 704-805-2643, Cell : 704-292-5627

Fax: 434-382-6657

From: Wunder, George [<mailto:George.Wunder@nrc.gov>]

Sent: Monday, February 03, 2014 11:43 AM

To: ZZ-DL-A-USEPR-DL

Cc: Hearn, Peter; ArevaEPRDCPEm Resource

Subject: US EPR FINAL RAI letter 618 RAI 7245

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on November 6, 2013, and discussed with your staff on or about February 3, 2008. The schedule we have established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs,

Sincerely,

George Wunder, Senior Project Manager
Office of New Reactors

Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 4819

Mail Envelope Properties (88F9B30A3139B1498DA89BEBA7B31B900B73B5A5)

Subject: Response to US EPR FINAL RAI letter 618 RAI 7245
Sent Date: 3/4/2014 11:07:30 AM
Received Date: 3/4/2014 11:08:13 AM
From: RYAN Tom (AREVA)

Created By: Tom.Ryan@areva.com

Recipients:

"HOTTLE Nathan (AREVA)" <Nathan.Hottle@areva.com>
Tracking Status: None
"GUCWA Len (EXTERNAL AREVA)" <Len.Gucwa.ext@areva.com>
Tracking Status: None
"UYEDA Graydon (AREVA)" <Graydon.Uyeda@areva.com>
Tracking Status: None
"RANSOM Jim (AREVA)" <James.Ransom@areva.com>
Tracking Status: None
"LEIGHLITER John (AREVA)" <John.Leighliter@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
"ROMINE Judy (AREVA)" <Judy.Romine@areva.com>
Tracking Status: None
"DELANO Karen (AREVA)" <Karen.Delano@areva.com>
Tracking Status: None
"WILLS Tiffany (AREVA)" <Tiffany.Wills@areva.com>
Tracking Status: None
"BALLARD Bob (AREVA)" <Robert.Ballard@areva.com>
Tracking Status: None
"OPSAL Philip (AREVA)" <Philip.Opsal@areva.com>
Tracking Status: None
"Hearn, Peter" <Peter.Hearn@nrc.gov>
Tracking Status: None
"Wunder, George" <George.Wunder@nrc.gov>
Tracking Status: None

Post Office: FUSLYNCMX03.fdom.ad.corp

Files	Size	Date & Time
MESSAGE	1718	3/4/2014 11:08:13 AM
RAI 618 Response US EPR DC.pdf		62651

Options

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

Recipients Received:

Response to

Request for Additional Information No.618

02/03/2014

U.S. EPR Standard Design Certification

AREVA Inc.

Docket No. 52-020

SRP Section: 16 - Technical Specifications

Application Section: 16

Question 16-326:

Upon review of Revision 5 of the U.S. EPR Tier 2, FSAR, Chapter 16, "Technical Specifications (TS)," the following items were developed to address editorial errors in the EPR TS and Bases:

1. Page B 3.2.1-6: In the discussion of Action B.1, at the end of the second paragraph, the term "LCO" should be "limit." Also delete the phrase "RCSL System out of service" in the third paragraph.
2. Page 3.4.7-1: Note 3 for LCO 3.4.7 statement is missing. A discussion of Note 3 is provided in the Bases. Note 3 was added as part of the response to RAI 293, Question 16-295.
3. Page 3.4.11-2: Condition C reads "Required Actions and associated Completion Time of Condition A or B not met." The phrase "A or" should be removed from Condition C. Condition F allows loop closing for failure to complete Condition A requirements.
4. Page 3.5.6-1: Condition A includes "[boron] enrichment" as part of the description, however SR 3.5.4.5 for verification of the enrichment is not listed in SR 3.5.6.1. This might have been an oversight when SR 3.5.4.1 and Condition B were added to address single failure issue associated with the MOV on the passive flooding line (RAI 281, Question 06.02.02-35).
5. Page 3.5.7-2: In the SR 3.5.7.1 description, the phrase "refueling canal, and refueling cavity" should be deleted. LCO 3.5.7 is applicable to "Mode 6 with the refueling cavity not filled."
6. Page B 3.6.7-2: In the Background section, reinstate "an HEPA filter" after "pre-filter" on Line 6 of the third paragraph. It was deleted in error in Revision 5.
7. Page B 3.7.3-1: In the Background section, correct "MFWMIV" to "MFWIV" in Line 10 of the first paragraph.
8. Page B 3.7.3-2: In the Applicable Safety Analyses section, add "of" after "an increase" in Line 9, and replace "fill" with "an overfilling of" in Line 11 of the first paragraph.
9. Page B 3.7.3-4: In the discussion of Action B.1, replace "parallel" with "series" in Line 4 of the paragraph.
10. Page B 3.7.3-5: In the discussion of SR 3.7.3.1, remove "and containment" in Line 3 of the first paragraph. The containment isolation valves was removed from LCO 3.7.3 under Revision 2.
11. Page B 3.7.12-2: In the Applicable Safety Analyses discussion, remove the word "the" in the phrase "... the reduction in airborne radioactive material provided by the one train of this filtration system."
12. Page B 3.7.12-7: In the SR 3.7.12.7/SR 3.7.12.8 discussion, remove the redundant phrase "in addition to the requirements of LCO 3.7.12" in the 4th sentence before the last one.

13. Page B 3.7.15-3: In the References section, update Reference 3 to Revision 1 of TN-Rack.0101 as shown on Page B 3.7.16-3.

Response to Question 16-326:

A response to this question will be provided by May 1, 2015.