

ArevaEPRDCPEm Resource

From: Buckberg, Perry
Sent: Wednesday, March 20, 2013 9:13 AM
To: WILLIFORD Dennis (AREVA)
Cc: LENTZ Tony (EXTERNAL AREVA); GUCWA Len (EXTERNAL AREVA); Snyder, Amy; Segala, John
Subject: RE: SUNSI Advanced Response to U.S. EPR Design Certification Application RAI No. 527 (6179, 6205, 6180), FSAR Ch. 14, Questions 14.02-163, 14.03.02-57 through 14.03.02-62, 14.03.07-38

Dennis,

Sorry, but that is not the case. I apologize for not specifying this in the body of the e-mail.

The staff provided somewhat detailed descriptions of the problems they found specifically in parts c & e. But the type of problems found are potentially applicable to all parts of the draft response. Suggest that AREVA review the entire draft 14.03.07-38 response for the type of errors and inconsistencies illustrated in the part c & e feedback attachments.

The following text is cut from the parts c & e feedback attachments I sent in yesterday's e-mail:

From the last section of the part c attachment

Additional Notes and Actions

While the above analysis represents problems identified by staff in the ITAAC associated with the control room radiation monitors and subsequent safety-system actuation, the applicant should ensure that there are not additional problems within these ITAAC and that there are not additional inconsistencies or errors within Tier 2 or between Tier 1 and Tier 2.

In addition, the applicant should perform a detailed review of all other radiation monitors within the ITAAC and correct all errors and inconsistencies associated with the ITAAC (including all ITAAC from detection of the radiation source to actuation of the valve or other component, as applicable). The applicant should also ensure that in discussing the functions of all radiation monitors that Tier 2 is consistent throughout and consistent and supportive of the ITAAC provided in Tier 1.

From the Introduction of the part e attachment

I. Introduction

..... The following observations are illustrative of discrepancies and inconsistencies noted by the staff in the balance of the response to this RAI.

Thanks,

PERRY BUCKBERG

Senior Project Manager

Nuclear Regulatory Commission

Office of New Reactors

phone: (301)415-1383

fax: (301)415-6406

perry.buckberg@nrc.gov

From: WILLIFORD Dennis (AREVA) [<mailto:Dennis.Williford@areva.com>]
Sent: Wednesday, March 20, 2013 8:56 AM
To: Buckberg, Perry
Cc: LENTZ Tony (EXTERNAL AREVA); GUCWA Len (EXTERNAL AREVA)
Subject: RE: SUNSI Advanced Response to U.S. EPR Design Certification Application RAI No. 527 (6179, 6205, 6180), FSAR Ch. 14, Questions 14.02-163, 14.03.02-57 through 14.03.02-62, 14.03.07-38

Perry,

Can we assume then that NRC staff is OK with the response we provided to Parts a, b, d, f, g, h and I of Question 14.03.07 in the Advanced response ? The comments you provided were only on Parts c and e.

Thanks,
Dennis

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: Buckberg, Perry [<mailto:Perry.Buckberg@nrc.gov>]
Sent: Tuesday, March 19, 2013 10:30 AM
To: WILLIFORD Dennis (RS/NB); Snyder, Amy
Cc: LENTZ Tony (External RS/NB); UYEDA Graydon (EP/PE); DELANO Karen (RS/NB); LEIGHLITER John (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); TOLLEY Tracey (RS/NB); VANCE Brian (RS/NB); WELLS Russell (RS/NB); WILLS Tiffany (CORP/QP); McCoppin, Michael; Snyder, Amy; Segala, John
Subject: RE: SUNSI Advanced Response to U.S. EPR Design Certification Application RAI No. 527 (6179, 6205, 6180), FSAR Ch. 14, Questions 14.02-163, 14.03.02-57 through 14.03.02-62, 14.03.07-38

Dennis,

The two attached files represent the staff feedback on RAI 527 Q#14.03.07-38 items c & e.
Please contact me anytime to discuss.

Thanks,

PERRY BUCKBERG

Senior Project Manager
Nuclear Regulatory Commission
Office of New Reactors
phone: (301)415-1383
fax: (301)415-6406
perry.buckberg@nrc.gov

From: WILLIFORD Dennis (AREVA) [<mailto:Dennis.Williford@areva.com>]
Sent: Friday, January 25, 2013 2:45 PM

To: Snyder, Amy

Cc: Ford, Tanya; LENTZ Tony (EXTERNAL AREVA); UYEDA Graydon (AREVA); DELANO Karen (AREVA); LEIGHLITER John (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); TOLLEY Tracey (AREVA); VANCE Brian (AREVA); WELLS Russell (AREVA); WILLS Tiffany (AREVA)

Subject: SUNSI Advanced Response to U.S. EPR Design Certification Application RAI No. 527 (6179, 6205, 6180), FSAR Ch. 14, Questions 14.02-163, 14.03.02-57 through 14.03.02-62, 14.03.07-38

Amy,

To support a final response date of March 29, 2013, an Advanced response to RAI No. 527, Questions 14.02-163, 14.03.02-57 through 14.03.02-62, and 14.03.07-38 is provided in the attached file, "RAI 527 Response US EPR DC - SUNSI - Advanced.pdf". AREVA NP considers portions of the attached response to contain Sensitive Unclassified Non-Safeguards Information (SUNSI), to be withheld under 10 CFR 2.390(d).

To keep our commitment to send a final response to these questions by the commitment date, we need to receive all NRC staff feedback and comments no later than **March 14, 2013**.

Please let me know if the staff has questions or if this can be sent as a final response.

Sincerely,

Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.

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Charlotte, NC 28262

Phone: 704-805-2223

Email: Dennis.Williford@areva.com

From: WILLIFORD Dennis (RS/NB)

Sent: Sunday, February 26, 2012 7:35 PM

To: Getachew.Tesfaye@nrc.gov

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

Subject: Response to U.S. EPR Design Certification Application RAI No. 527 (6179, 6205, 6180), FSAR Ch. 14, Supplement 1

AREVA NP provided a schedule for a technically correct and complete response to the 9 questions in RAI 527 on January 25, 2012.

The schedule for a response to these 9 questions has been changed as provided below. This schedule was transmitted to the NRC in AREVA NP letter NRC:12:008 dated February 21, 2012.

Question #	Response Date
RAI 527 — 14.02-163	March 29, 2013
RAI 527 — 14.03.02-56	August 30, 2013
RAI 527 — 14.03.02-57	March 29, 2013
RAI 527 — 14.03.02-58	March 29, 2013
RAI 527 — 14.03.02-59	March 29, 2013
RAI 527 — 14.03.02-60	March 29, 2013

RAI 527 — 14.03.02-61	March 29, 2013
RAI 527 — 14.03.02-62	March 29, 2013
RAI 527 — 14.03.07-38	March 29, 2013

Sincerely,

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: WILLIFORD Dennis (RS/NB)
Sent: Wednesday, January 25, 2012 8:05 AM
To: Tesfaye, Getachew
Cc: BENNETT Kathy (RS/NB); DELANO Karen (RS/NB); ROMINE Judy (RS/NB); RYAN Tom (RS/NB); LENTZ Tony (External RS/NB); Michael.Miernicki@nrc.gov; Jaffe, David
Subject: Response to U.S. EPR Design Certification Application RAI No. 527 (6179, 6205, 6180), FSAR Ch. 14

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 527 Response US EPR DC.pdf" provides a schedule since a technically correct and complete response to these 9 questions cannot be provided at this time.

The following table indicates the respective pages in the response document, "RAI 527 Response US EPR DC.pdf" that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 527 — 14.02-163	2	4
RAI 527 — 14.03.02-56	5	6
RAI 527 — 14.03.02-57	7	7
RAI 527 — 14.03.02-58	8	8
RAI 527 — 14.03.02-59	9	9
RAI 527 — 14.03.02-60	10	10
RAI 527 — 14.03.02-61	11	11
RAI 527 — 14.03.02-62	12	13
RAI 527 — 14.03.07-38	14	16

A preliminary schedule for a technically correct and complete response to these questions is provided below. This schedule is being reevaluated and a new supplement with a revised schedule will be transmitted by February 21, 2012.

Question #	Response Date
RAI 527 — 14.02-163	February 21, 2012
RAI 527 — 14.03.02-56	February 21, 2012

RAI 527 — 14.03.02-57	February 21, 2012
RAI 527 — 14.03.02-58	February 21, 2012
RAI 527 — 14.03.02-59	February 21, 2012
RAI 527 — 14.03.02-60	February 21, 2012
RAI 527 — 14.03.02-61	February 21, 2012
RAI 527 — 14.03.02-62	February 21, 2012
RAI 527 — 14.03.07-38	February 21, 2012

Sincerely,

Dennis Williford, P.E.
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.

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From: Tesfaye, Getachew [<mailto:Getachew.Tesfaye@nrc.gov>]
Sent: Friday, December 16, 2011 8:38 AM
To: ZZ-DL-A-USEPR-DL
Cc: Dehmel, Jean-Claude; Roach, Edward; Chakravorty, Manas; Thomas, Brian; Ford, Tanya; Jaffe, David; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 527 (6179, 6205, 6180), FSAR Ch. 14

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on November 25, 2011, and on December 12, 2011, 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 24, 2011 thru January 2, 2012, 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: 4293

Mail Envelope Properties (44CD2E65B0FF0E499CB32BC30CF781F0D14BB76178)

Subject: RE: SUNSI Advanced Response to U.S. EPR Design Certification Application
RAI No. 527 (6179, 6205, 6180), FSAR Ch. 14, Questions 14.02-163, 14.03.02-57 through 14.03.02-62,
14.03.07-38

Sent Date: 3/20/2013 9:13:16 AM

Received Date: 3/20/2013 9:13:18 AM

From: Buckberg, Perry

Created By: Perry.Buckberg@nrc.gov

Recipients:

"LENTZ Tony (EXTERNAL AREVA)" <Tony.Lentz.ext@areva.com>

Tracking Status: None

"GUCWA Len (EXTERNAL AREVA)" <Len.Gucwa.ext@areva.com>

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"Snyder, Amy" <Amy.Snyder@nrc.gov>

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"Segala, John" <John.Segala@nrc.gov>

Tracking Status: None

"WILLIFORD Dennis (AREVA)" <Dennis.Williford@areva.com>

Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	10505	3/20/2013 9:13:18 AM

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received: