

ArevaEPRDCPEm Resource

From: WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]
Sent: Thursday, August 11, 2011 11:27 AM
To: Tesfaye, Getachew
Cc: BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA); WELLS Russell (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 497 (5837), FSAR Ch. 3
Attachments: RAI 497 Response US EPR DC.pdf

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 497 Response US EPR DC.pdf" provides a schedule since a technically correct and complete response to the 1 question cannot be provided at this time.

The following table indicates the respective pages in the response document, "RAI 497 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 497 — 03.09.06-19	2	2

A complete answer is not provided for the one question. The schedule for a technically correct and complete final response to this question is provided below

Question #	Response Date
RAI 497 — 03.09.06-19	September 9, 2011

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: Tesfaye, Getachew [<mailto:Getachew.Tesfaye@nrc.gov>]
Sent: Tuesday, July 12, 2011 4:18 PM
To: ZZ-DL-A-USEPR-DL
Cc: Scarbrough, Thomas; Terao, David; Miernicki, Michael; Clark, Phyllis; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 497 (5837), FSAR Ch. 3

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on July 1, 2011, and on July 8, 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. 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: 3322

Mail Envelope Properties (2FBE1051AEB2E748A0F98DF9EEE5A5D482D6B3)

Subject: Response to U.S. EPR Design Certification Application RAI No. 497 (5837),
FSAR Ch. 3
Sent Date: 8/11/2011 11:26:49 AM
Received Date: 8/11/2011 11:27:05 AM
From: WILLIFORD Dennis (AREVA)

Created By: Dennis.Williford@areva.com

Recipients:
"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
"WELLS Russell (AREVA)" <Russell.Wells@areva.com>
Tracking Status: None
"Tsfaye, Getachew" <Getachew.Tsfaye@nrc.gov>
Tracking Status: None

Post Office: auscharm02.adom.ad.corp

Files	Size	Date & Time
MESSAGE	2220	8/11/2011 11:27:05 AM
RAI 497 Response US EPR DC.pdf		58183

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

Response to
Request for Additional Information No. 497(5837), Revision 0

7/1/2011

U. S. EPR Standard Design Certification
AREVA NP Inc.
Docket No. 52-020
SRP Section: 03.09.06 - Functional Design Qualification and Inservice Testing
Programs for Pumps, Valves, and Dynamic Restraints
Application Section: 3.9.6

QUESTIONS for Component Integrity, Performance, and Testing Branch 1
(AP1000/EPR Projects) (CIB1)

Question 03.09.06-19:

OPEN ITEM

In reviewing the interim revision to the U.S. EPR FSAR, the NRC staff has determined that additional information is needed on Table 3.9.6-2, "Inservice Valve Testing Program Requirements," in the U.S. EPR FSAR. In particular, the applicant is requested to provide the following information:

- a. Confirm that Table 3.9.6-2 specifies the applicable exercise requirement and position verification requirement for all manual valves (active or passive). See, for example, manual valves on pages 3.9-120 to 124, 129, 130, 141 to 143, 175, 176, 184, 185, 195, 196, 198, 199, 207 to 217, 223 to 227, 229, and 233.
- b. Confirm that Table 3.9.6-2 specifies the applicable position verification requirement on a 2-year frequency for all relief valves with remote position indication. The applicant is also requested to discuss the basis for specifying some relief valves as passive valves. See, for example, relief valves on pages 3.9-126, 127, 177, 179 to 182, 204, and 235 to 237.
- c. Revise Item E of Note 9 in Table 3.9.6-2 to be consistent with the 2-year exercise requirement for manual valves in 10 CFR 50.55a(b)(3)(vi) in lieu of the 5-year exercise requirement in the ASME OM Code.

Response to Question 03.09.06-19:

A response to this question will be provided by September 9, 2011.