

ArevaEPRDCPEm Resource

From: WILLIFORD Dennis (AREVA) [Dennis.Williford@areva.com]
Sent: Tuesday, July 05, 2011 10:06 AM
To: Tesfaye, Getachew
Cc: BENNETT Kathy (AREVA); DELANO Karen (AREVA); ROMINE Judy (AREVA); RYAN Tom (AREVA)
Subject: Response to U.S. EPR Design Certification Application RAI No. 491 (5795), FSAR Ch. 14
Attachments: RAI 491 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 491 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 491 Response US EPR DC.pdf," that contain AREVA NP's response to the subject question.

Question #	Start Page	End Page
RAI 491 — 14.03.12-58	2	2

The schedule for a technically correct and complete response to this question is provided below.

Question #	Response Date
RAI 491 — 14.03.12-58	September 30, 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
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From: Tesfaye, Getachew [<mailto:Getachew.Tesfaye@nrc.gov>]
Sent: Friday, June 03, 2011 7:23 PM
To: ZZ-DL-A-USEPR-DL
Cc: Lee, Pete; Huyck, Doug; Miernicki, Michael; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 491 (5795), FSAR Ch. 14

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on May 16, 2011, and discussed with your staff on June 2, 2011. No change is made to the draft RAI as a result of that discussion except for minor editorial changes. 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: 3190

Mail Envelope Properties (2FBE1051AEB2E748A0F98DF9EEE5A5D47AF619)

Subject: Response to U.S. EPR Design Certification Application RAI No. 491 (5795),
FSAR Ch. 14
Sent Date: 7/5/2011 10:05:36 AM
Received Date: 7/5/2011 10:05:39 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>
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Tracking Status: None

Post Office: auscharm02.adom.ad.corp

Files	Size	Date & Time
MESSAGE	2123	7/5/2011 10:05:39 AM
RAI 491 Response US EPR DC.pdf		59981

Options

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

Response to

Request for Additional Information No. 491(5795), Revision 0

6/3/2011

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

**SRP Section: 14.03.12 - Physical Security Hardware - Inspections, Tests,
Analyses, and Acceptance Criteria**

Application Section: Tier 1, Chapter 3

**QUESTIONS for Reactor Security Rulemaking and Licensing Branch
(NSIR/DSP/RSRLB)**

Question 14.03.12-58:**Follow-up to RAI No. 447, Question 14.03.12-57**

Tier 1, Chapter 3, Table 3.3-1, Security ITAAC (3 pages): Revise Table 3.3-1, Security ITAAC, descriptions of commitment, inspections, tests, and/or analyses (ITA), and acceptance criteria to conform to NUREG 0800, SRP 14.3.12 (May 2010).

Regulatory Basis: Subpart B of Title 10 CFR (10 CFR) 52, § 52.47, requires that information submitted for a design certification (DC) must include performance requirements and design information sufficiently detailed to permit the preparation of acceptance and inspection requirements by the NRC, and procurement specifications and construction and installation specifications by an applicant. Title 10 CFR 52.80(a) and 52.80(a)(2) requires content of applications to propose ITA and acceptance criteria that are necessary and sufficient to provide reasonable assurance the facility has been constructed and will be operated in conformity with the combined license. The ITAAC contained in the DC must be described for certification and for approval.

The Tier 1, Chapter 3, Table 3.3-1, in Revision 2 of the FSAR, which contains descriptions of security ITAAC has not been updated to conform to NUREG 0800, SRP 14.3.12 dated May, 2010, which superseded the standard security ITAAC descriptions. Table 3.3-1 was updated to in 2008. The applicant in response to RAI No. 42, Question No. 14.03.12-6, Supplement 1, dated August 7, 2008, revised Table 3.3-1 to incorporate the standard security ITAAC descriptions current at that time. Since then, the standard security ITAAC had been revised with industry input to the current descriptions contained in SRP 14.3.12 (May 2010). The recent response to RAI No. 447, Question 14.03.12-57, submitted on April 18, 2011, indicated that Table 3.1-1 will be revised to add SRP 14.3.12 (May 2010) Items 11(b) through (e). The staff requests the applicant to update the remaining portions of the Table 3.3-1 to reflect the current standard security ITAAC descriptions that are within the scope of the design certification. The security ITAAC that are not within the scope of the standard design should be identified as reserved for COL applicant implementation for completeness.

Response to Question 14.03.12-58:

A response to this question will be provided by September 30, 2011.