

ArevaEPRDCPEm Resource

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Sent: Monday, May 16, 2011 5:24 PM
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Subject: Draft - U.S. EPR Design Certification Application RAI No. 491 (5795), FSAR Ch. 6
Attachments: Draft RAI_491_NSIR_DSP_RSLB_5795.doc

Attached please find draft RAI No. 491 regarding your application for standard design certification of the U.S. EPR. If you have any question or need clarifications regarding this RAI, please let me know as soon as possible, I will have our technical Staff available to discuss them with you.

Please also review the RAI to ensure that we have not inadvertently included proprietary information. If there are any proprietary information, please let me know within the next ten days. If I do not hear from you within the next ten days, I will assume there are none and will make the draft RAI publicly available.

Thanks,
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Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 2980

Mail Envelope Properties (0A64B42AAA8FD4418CE1EB5240A6FED127675B8B72)

Subject: Draft - U.S. EPR Design Certification Application RAI No. 491 (5795), FSAR Ch.
6
Sent Date: 5/16/2011 5:24:01 PM
Received Date: 5/16/2011 5:24:05 PM
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Files	Size	Date & Time
MESSAGE	893	5/16/2011 5:24:05 PM
Draft RAI_491_NSIR_DSP_RSLB_5795.doc		31738

Options

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

Draft

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

5/16/2011

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)

14.03.12-58

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. which 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.