

ArevaEPRDCPEm Resource

From: Tesfaye, Getachew
Sent: Saturday, October 15, 2011 4:51 PM
To: 'usepr@areva.com'
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Subject: Draft - U.S. EPR Design Certification Application RAI No. 519 (6122, 6131), FSAR Ch. 9
Attachments: Draft RAI_519_SBPA_6131.doc

Attached please find draft RAI No. 519 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
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Request for Additional Information No. 519(6131), Revision 0

10/15/2011

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

SRP Section: 09.05.01 - Fire Protection Program

Application Section: 9.5.1

QUESTIONS for Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)

09.05.01-88

Follow-up to RAI 482, Question 09.05.01-84

The response to RAI 482 Question 09.05.01-84 revised FSAR Tier 1 Section 2.1.1.1 and Table 2.1.1-8 to delete the 3 hour rated fire barrier separation between the RBA and the SBs and the FB and between the RBA and the RCB. FSAR Tier 2 Appendix 9A Tables shows these barriers as 3 hour rated. FSAR Tier 1 Section 2.1.1.1 and Table 2.1.1-8 both reference FSAR Tier 1 Figure 2.1.1-20 for fire ratings but this figure does not designate any fire ratings. Additionally, RG 1.189 Regulatory Position 6.1.1 Containment separation criteria only applies internal to the Containment not between external structures. The applicant needs to revise FSAR Tier 1 Section 2.1.1.1 and Table 2.1.1-8 to provide the fire barrier ratings for the above structures or reference a figure that has the ratings and to ensure RG 1.189 Containment separation guidance is used properly.