

ArevaEPRDCPEm Resource

From: Tesfaye, Getachew
Sent: Monday, April 11, 2011 5:30 PM
To: 'usepr@areva.com'
Cc: Makar, Gregory; Terao, David; Carneal, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: Draft - U.S. EPR Design Certification Application RAI No. 483 (5641), FSAR Ch. 6
Attachments: Draft RAI_483_CIB1_5641.doc

Attached please find draft RAI No. 483 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. 483(5641), Revision 0

4/11/2011

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

SRP Section: 06.02.02 - Containment Heat Removal Systems

Application Section: 6.2

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

06.02.02-90

The staff requests that AREVA identify the inspections and controls that will be in place to ensure that no more than 3000 square feet of aluminum metal will be submerged in the recirculating sump liquid. The staff's review of the GSI-191 chemical effects portion of the U.S. EPR design is based, in part, on AREVA's estimate of 3000 square feet of submerged aluminum identified in Section D.3.6 of ANP-10293, Rev. 2, as part of the licensing basis of the design. Section D.2.3.1 of ANP-10293, Rev. 2 identifies "scaffolding, railing, and other aluminum materials" as the aluminum sources, but it does not state how the quantities of aluminum will be tracked and limited.