

## ArevaEPRDCPEm Resource

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**From:** Tesfaye, Getachew  
**Sent:** Thursday, April 14, 2011 9:41 AM  
**To:** 'usepr@areva.com'  
**Cc:** Makar, Gregory; Terao, David; Carneal, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource  
**Subject:** U.S. EPR Design Certification Application RAI No. 483 (5641), FSAR Ch. 6  
**Attachments:** RAI\_483\_CIB1\_5641.doc

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on April 11, 2011, and on April 14, 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:** 2842

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**From:** Tesfaye, Getachew

**Created By:** Getachew.Tesfaye@nrc.gov

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Request for Additional Information No. 483(5641), Revision 0

4/14/2011

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.