

## ArevaEPRDCPEm Resource

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**From:** Tesfaye, Getachew  
**Sent:** Friday, August 21, 2009 3:02 PM  
**To:** 'usepr@areva.com'  
**Cc:** Davis, Robert; Terao, David; Hearn, Peter; Colaccino, Joseph; ArevaEPRDCPEm Resource  
**Subject:** U.S. EPR Design Certification Application RAI No. 272 (3379), FSAR Ch. 10  
**Attachments:** RAI\_272\_CIB1\_3379.doc

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on August 6, 2009, and on August 18, 2009, you informed us that the RAI is clear to issue as final. As a result, no change is made to the draft RAI. The questions in this RAI are considered potential open items for Phases 2 and 3 reviews. As such, the schedule we have established for your application assumes technically correct and complete responses prior to the start of Phase 4 review. For any RAI that cannot be answered prior to the start of Phase 4 review, it is expected that a date for receipt of this information will be provided 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:** 748

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**From:** Tesfaye, Getachew

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Request for Additional Information No. 272 (3379), Revision 0

8/21/2009

U. S. EPR Standard Design Certification  
AREVA NP Inc.  
Docket No. 52-020  
SRP Section: 10.03.06 - Steam and Feedwater System Materials  
Application Section: 10.3.6

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

10.03.06-11

POTENTIAL OPEN ITEM

In RAI 10.03.06-7, the staff requested that the applicant modify Table 10.3-11 to include weld filler material specifications and classifications used in ASME Code Class 2 and 3 steam and feedwater systems. The applicant's response to RAI 10.03.06-7, dated February 27, 2009, lists weld filler material specifications but does not list classifications. The staff requests that the applicant modify the FSAR to include weld filler material classifications as requested by the staff.

10.03.06-12

POTENTIAL OPEN ITEM

In the applicant's February 27, 2009 response to RAI 10.03.06-10, the applicant stated that it would modify the FSAR to state that the minimum design wall thickness will be determined in the design phase in order to allow for a minimum lifetime of the affected piping system of at least 40-years. The 40-year design life of the MSSS and main feedwater system appears to be inconsistent with the design life of the plant which is 60-years. Therefore, FSAR Section 10.3.6 should specify a 60-year design life for the MSSS and main feedwater system piping or clearly state that their design life is only 40 years with an explanation as to why the design life of these systems is not the same as the design life of the plant. The staff requests that the applicant modify the FSAR accordingly.