

## ArevaEPRDCPEm Resource

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**From:** Getachew Tesfaye  
**Sent:** Thursday, March 12, 2009 7:32 PM  
**To:** 'usepr@areva.com'  
**Cc:** Joel Jenkins; David Terao; Tarun Roy; Joseph Colaccino; ArevaEPRDCPEm Resource  
**Subject:** Draft - U.S. EPR Design Certification Application RAI No. 202 (2295), FSAR Ch. 5  
**Attachments:** Draft RAI\_202\_CEB1\_2295.doc

Attached please find draft RAI No. 202 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. 202 (2295), Revision 0

3/12/2009

U. S. EPR Standard Design Certification  
AREVA NP Inc.  
Docket No. 52-020  
SRP Section: 05.03.01 - Reactor Vessel Materials  
Application Section: 5.3.1

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

05.03.01-6

Based on the applicant's response to RAI 64 Question 05.03.01-4, the staff has the following additional requests. Confirm that the predicted transition temperature shift ( $DRT_{NDT}$ ) was calculated using the requirements of RG1.99 Revision 2. Also provide a markup copy of the FSAR indicating your response.

05.03.01-7

In RAI 64, Question 05.03.01-2, the staff requested that the applicant clarify the material used for the reactor pressure vessel (RPV) cladding. The applicant responded that the surfaces of the RPV that contact the reactor coolant are clad with either stainless steel or Ni-Cr-Fe alloy. Please specify the material (e.g. Alloy 308, Alloy 690) used to clad the RPV or provide a COL action item requiring any applicant that references the EPR Design to select the specific material used for cladding.