

ArevaEPRDCPEm Resource

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Sent: Thursday, August 06, 2009 2:27 PM
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Cc: Davis, Robert; Terao, David; Hearn, Peter; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: Draft - U.S. EPR Design Certification Application RAI No. 272 (3379), FSAR Ch. 10
Attachments: Draft RAI_272_CIB1_3379.doc

Attached please find draft RAI No. 272 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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Request for Additional Information No. 272 (3379), Revision 0

8/6/2009

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

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

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.