

ArevaEPRDCPEm Resource

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Sent: Friday, July 01, 2011 7:55 AM
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Subject: Draft - U.S. EPR Design Certification Application RAI No. 497 (5837), FSAR Ch. 3
Attachments: Draft RAI_497_CIB1_5837.doc

Attached please find draft RAI No. 497 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. 497(5837), Revision 0

7/1/2011

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

SRP Section: 03.09.06 - Functional Design Qualification and Inservice Testing Programs for Pumps, Valves, and Dynamic Restraints

Application Section: 3.9.6

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

03.09.06-19

OPEN ITEM

In reviewing the interim revision to the U.S. EPR FSAR, the NRC staff has determined that additional information is needed on Table 3.9.6-2, "Inservice Valve Testing Program Requirements," in the U.S. EPR FSAR. In particular, the applicant is requested to provide the following information:

- a. Confirm that Table 3.9.6-2 specifies the applicable exercise requirement and position verification requirement for all manual valves (active or passive). See, for example, manual valves on pages 3.9-120 to 124, 129, 130, 141 to 143, 175, 176, 184, 185, 195, 196, 198, 199, 207 to 217, 223 to 227, 229, and 233.
- b. Confirm that Table 3.9.6-2 specifies the applicable position verification requirement on a 2-year frequency for all relief valves with remote position indication. The applicant is also requested to discuss the basis for specifying some relief valves as passive valves. See, for example, relief valves on pages 3.9-126, 127, 177, 179 to 182, 204, and 235 to 237.
- c. Revise Item E of Note 9 in Table 3.9.6-2 to be consistent with the 2-year exercise requirement for manual valves in 10 CFR 50.55a(b)(3)(vi) in lieu of the 5-year exercise requirement in the ASME OM Code.