

ArevaEPRDCPEm Resource

From: Snyder, Amy
Sent: Wednesday, September 11, 2013 1:58 PM
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Subject: US EPR DC DRAFT RAI 606, - Chapter 16 - Technical Specifications - Question 25207
Attachments: DRAFT RAI 606_BPTS_7244.docx

Attached please find Draft RAI No. 606 regarding your application for standard design certification of the U.S. EPR. If you have any questions or need clarification regarding this Draft 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 draft RAI to ensure that we have not inadvertently included proprietary information. If there is 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.

Thank You,

Amy

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Request for Additional Information 606

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Application Title: U. S. EPR Standard Design Certification - Docket Number 52-020

Operating Company: AREVA NP Inc.

Docket No. 52-020

Review Section: 16 - Technical Specifications

Application Section: TS Section 3.7

QUESTIONS

16-324

Upon review of Revision 5 of the U.S. EPR Tier 2, FSAR, Chapter 16, "Technical Specifications (TS)," and after discussions between AREVA and the staff during the August 7-8, 2013 EPR DC Public Meeting the following items were developed to address accuracy and completeness in the EPR TS and Bases:

1. Pages 3.7.22-1 through 3.7.22-2: For the new TS 3.7.22, "Steam Generator (SG) Blowdown Transfer Valves," the proposed requirements address only the safety function of these valves in their closed positions. These SG Blowdown transfer valves also perform a safety function of transferring water inventory between the affected SG and the intact SG during a steam generator tube rupture (SGTR) event. The applicant is requested to provide requirements which address their capability to open under the SGTR accident condition.
2. Page 3.7.22-2: For SR 3.7.22.1, the frequency should be "12 hours" instead of "31 days" since the failure of this surveillance potentially affects at least two independent SG loops. See SR 3.5.4.1 in TS 3.5.4, "IRWST - Operating," for a similar application.
3. Page B 3.7.22-2: In the discussion of Action B.1, the phrase "to remove power from the loop isolation valve operators" is not relevant to the required action to close the affected valves. Revise the discussion accordingly.
4. Page B 3.7.22-3: In the discussion of SR 3.7.22.1, the phrase "ensures that the required flow can be made available" is not relevant to the verification that the valves are closed with power removed from the valve operators. Revise the discussion accordingly.