

ArevaEPRDCPEm Resource

From: Tesfaye, Getachew
Sent: Wednesday, December 09, 2009 12:39 PM
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Subject: Draft - U.S. EPR Design Certification Application RAI No. 344 (4062), FSAR Ch. 4 OPEN ITEM
Attachments: Draft RAI_344_SRSB_4062.doc

Attached please find draft RAI No. 344 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,
Getachew Tesfaye
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Hearing Identifier: AREVA_EPR_DC_RAIs
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Request for Additional Information No. 344(4062), Revision 1

12/9/2009

U. S. EPR Standard Design Certification
AREVA NP Inc.
Docket No. 52-020
SRP Section: 04.03 - Nuclear Design
Application Section: 04.03

QUESTIONS for Reactor System, Nuclear Performance and Code Review (SRSB)

04.03-27

OPEN ITEM

The staff request that a combined license (COL) information item to be added to Table 1.8-2 of the FSAR in regard to collection of data for a plant specific data-base to benchmark BAW-2241PA for the U.S. EPR fluence calculations. The COL information item affects FSAR Tier 2, Section 5.3.

The COL information item should address the following concerns:

A COL applicant that references the U.S. EPR design certification will need to:

1. Demonstrate that the plate and weld material have the same embrittlement rate as that assumed in the submittal,
2. The licensee will provide to the NRC for staff review and approval a plant specific fluence methodology benchmark shortly after the first and second surveillance capsule data become available. If the benchmark demonstrates that the method is not conservative the licensee will recalculate the fluence values based on the benchmarked method,
3. Provide the NRC staff an approved PT methodology and PTLR report shortly after the proposed surveillance capsule removal using the benchmarked methodology,
4. Identify the implementation milestones of the surveillance capsule removal for NRC review and approval.

04.03-28

OPEN ITEM

Throughout the U.S. EPR Final Safety Analysis Report (FSAR) Tier 2, Section 4.3, AREVA NP refers to licensing topical report ANP-10286P, "U.S. EPR Rod Ejection Accident Methodology Topical Report." This document is currently under review by the NRC staff. This RAI is created to track an open item associated with this review. It will be closed upon completion of the review by the NRC staff. AREVA is requested to acknowledge receipt of this open item.