

ArevaEPRDCPEm Resource

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Sent: Tuesday, July 07, 2009 7:50 PM
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Subject: Draft - U.S. EPR Design Certification Application RAI No. 258 (3175), FSAR Ch. 9
Attachments: Draft RAI_258_SRSB_3175.doc

Attached please find draft RAI No. 258 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. 258 (3175), Revision 0

7/7/2009

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

SRP Section: 09.01.01 - Criticality Safety of Fresh and Spent Fuel Storage and Handling

Application Section: 9.1.1

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

09.01.01-22

Tables 4.8.1 and 4.8.3 of technical report UN-TR-08-001 summarize the biases and uncertainties as they apply to the criticality analysis. Confirm that the CASMO uncertainties are included, and describe the inclusion of the CASMO uncertainties in the criticality analysis.

09.01.01-23

Technical report UN-TR-08-001 uses burnup credit when analyzing spent fuel pool criticality. Describe the accounting for the uncertainties in the fission product and actinides in the calculations.