

ArevaEPRDCPEm Resource

From: Getachew Tesfaye
Sent: Wednesday, January 14, 2009 9:42 AM
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Cc: Hanh Phan; Theresa Clark; Edward Fuller; Lynn Mrowca; John Rycyna; Joseph Colaccino; Michael Miernicki; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 172 (1926), FSAR Ch. 19
Attachments: RAI_172_SPLA_1926.doc

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on January 9, 2009, and on January 13, 2009, you informed us that the RAI is clear and no further clarification is needed. As a result, no change is made to the draft RAI. The schedule we have established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs. For any RAIs that cannot be answered within 30 days, it is expected that a date for receipt of this information will be provided to the staff within the 30 day period so that the staff can assess how this information will impact the published schedule.

Thanks,
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Hearing Identifier: AREVA_EPR_DC_RAIs
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Request for Additional Information No. 172 (1926), Revision 0

1/14/2009

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

SRP Section: 19 - Probabilistic Risk Assessment and Severe Accident Evaluation

Application Section: 19

QUESTIONS for PRA Licensing, Operations Support and Maintenance Branch 1 (AP1000/EPR Projects) (SPLA)

19-270

FSAR Page 19.1-10 states that "However, in general, if a change(s) is estimated to increase the CDF to greater than $1.0E-06$ /yr, the model would be updated in a timely manner without waiting for the routine update cycle."

As mentioned in the ASME PRA Standard, "The PRA shall be maintained and upgraded, such that its representation of the as-built, as-operated plant is sufficient to support the applications for which it is being used." The PRA should be updated as frequently as necessary to ensure that the PRA remains an accurate representation of the risk. Thus, it would not be a good practice to accumulate a backlog of pending changes of such the effect is estimated to increase the CDF to greater than $1.0E-6$ /yr, which is nearly twice that of the estimated baseline EPR CDF.

Please justify setting the targeted effect to $1E-6$ /yr CDF.