ArevaEPRDCPEm Resource

From: Tesfaye, Getachew
Sent: Wednesday, February 03, 2010 2:02 PM
To: 'usepr@areva.com'
Cc: Budzynski, John; Lu, Shanlai; Donoghue, Joseph; Carneal, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: Draft - U.S. EPR Design Certification Application RAI No. 366 (4366), FSAR Ch. 4 OPEN ITEM
Attachments: Draft RAI_366_SRSB_4366.doc

Attached please find draft RAI No. 366 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
Sr. Project Manager
NRO/DNRL/NARP
(301) 415-3361

Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 1129

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MESSAGE	727	2/3/2010 2:01:36 PM
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Options
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Request for Additional Information No. 366(4366), Revision 1

2/3/2010

U. S. EPR Standard Design Certification
AREVA NP Inc.
Docket No. 52-020
SRP Section: 04.06 - Functional Design of Control Rod Drive System
Application Section: 04.06

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

04.06-13

OPEN ITEM:

FSAR Tier 2, Section 4.6.4 states that in the safety analyses in FSAR Tier 2, Chapter 15, except for the large break loss of coolant accident, no credit is taken for reactivity control systems other than reactor trip to mitigate the events to achieve a stable plant condition. The staff notes that in FSAR Tier 2, Section 15.1.5 appears to indicate that boron addition via the SIS is credited to mitigate large steam line breaks from hot zero power conditions. Please clarify this apparent discrepancy.