

## ArevaEPRDCPEm Resource

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**From:** Tesfaye, Getachew  
**Sent:** Tuesday, June 08, 2010 10:51 AM  
**To:** 'usepr@areva.com'  
**Cc:** Liang, Chu-Yu; Lu, Shanlai; Donoghue, Joseph; Carneal, Jason; Colaccino, Joseph; ArevaEPRDCPEm Resource  
**Subject:** Draft - U.S. EPR Design Certification Application RAI No. 415(4599), FSAR Ch. 15 OPEN ITEM  
**Attachments:** Draft RAI\_415\_SRSB\_4599.doc

Attached please find draft RAI No. 415 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:** 1505

**Mail Envelope Properties** (0A64B42AAA8FD4418CE1EB5240A6FED11914510EDF)

**Subject:** Draft - U.S. EPR Design Certification Application RAI No. 415(4599), FSAR Ch.  
15 OPEN ITEM  
**Sent Date:** 6/8/2010 10:50:33 AM  
**Received Date:** 6/8/2010 10:50:35 AM  
**From:** Tesfaye, Getachew

**Created By:** Getachew.Tesfaye@nrc.gov

**Recipients:**

"Liang, Chu-Yu" <Chu-Yu.Liang@nrc.gov>  
Tracking Status: None  
"Lu, Shanlai" <Shanlai.Lu@nrc.gov>  
Tracking Status: None  
"Donoghue, Joseph" <Joseph.Donoghue@nrc.gov>  
Tracking Status: None  
"Carneal, Jason" <Jason.Carneal@nrc.gov>  
Tracking Status: None  
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>  
Tracking Status: None  
"ArevaEPRDCPEm Resource" <ArevaEPRDCPEm.Resource@nrc.gov>  
Tracking Status: None  
"usepr@areva.com" <usepr@areva.com>  
Tracking Status: None

**Post Office:** HQCLSTR02.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	732	6/8/2010 10:50:35 AM
Draft RAI_415_SRSB_4599.doc		30714

**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

Draft

Request for Additional Information No. 415(4599), Revision 0

6/8/2010

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

SRP Section: 15 - Introduction - Transient and Accident Analyses

Application Section: FSAR Section 15.0

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

15-9

OPEN ITEM:

FSAR Tier 2, Section 13.5 indicates that a COL applicant references the U. S. EPR design certification will provide plant specific information for the Emergency Operating Procedures (EOPs). The staff has reviewed FSAR 13.5.2.1 regarding the EOPs and finds that the description provided in FSAR Section 13.5 does not provide guidance to COL applicants to perform the necessary verification and validation of the EOPs that would assure the Plant specific EOPs are consistent with the safety analyses assumptions. The staff requires that AREVA propose a COL Action Item in FSAR Section 15.0 to require that the COL applicant perform verification and validation of its plant specific EOPs using plant simulators to assure that the operator action time assumed in the safety analyses documented in FSAR Chapter 15 are achievable to assure the safety analyses of record will remain valid.