

ArevaEPRDCPEm Resource

From: Tesfaye, Getachew
Sent: Sunday, January 10, 2010 9:20 AM
To: 'usepr@areva.com'
Cc: Jenkins, Joel; Terao, David; Roy, Tarun; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: Draft - U.S. EPR Design Certification Application RAI No. 357 (4205), FSAR Ch. 5 OPEN ITEM
Attachments: Draft RAI_357_CIB1_4205.doc

Attached please find draft RAI No. 357 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: 1081

Mail Envelope Properties (0A64B42AAA8FD4418CE1EB5240A6FED10DF73AE1A2)

Subject: Draft - U.S. EPR Design Certification Application RAI No. 357 (4205), FSAR Ch.
5 OPEN ITEM
Sent Date: 1/10/2010 9:20:08 AM
Received Date: 1/10/2010 9:20:08 AM
From: Tesfaye, Getachew

Created By: Getachew.Tesfaye@nrc.gov

Recipients:

"Jenkins, Joel" <Joel.Jenkins@nrc.gov>
Tracking Status: None
"Terao, David" <David.Terao@nrc.gov>
Tracking Status: None
"Roy, Tarun" <Tarun.Roy@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

Files	Size	Date & Time
MESSAGE	722	1/10/2010 9:20:08 AM
Draft RAI_357_CIB1_4205.doc	27642	

Options

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

Draft

Request for Additional Information No. 357(4205), Revision 1

1/10/2010

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

SRP Section: 05.03.01 - Reactor Vessel Materials

Application Section: 5.3.1.6 Material Surveillance

QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects)
(CIB1)

05.03.01-13

OPEN ITEM

Section 5.3.1.6 (third paragraph) of the U.S. EPR FSAR states that the specimen capsules are confined in rigid-specimen guide baskets and that the specimen guide baskets are attached to the outside of the core barrel with austenitic stainless steel bolts. Because specimen guide baskets are typically welded to the core barrel in U.S. reactors, please discuss any operating experience you may have with the use of bolted connections in this application, and how you have ensured that the bolted connections will maintain their structural integrity for the life of the plant for anticipated degradation mechanisms.