

ArevaEPRDCPEm Resource

From: Tesfaye, Getachew
Sent: Wednesday, October 26, 2011 10:30 AM
To: 'usepr@areva.com'
Cc: Wong, Yuken; Spicher, Terri; Dixon-Herrity, Jennifer; Miernicki, Michael; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: Draft - U.S. EPR Design Certification Application RAI No. 522 (6100, 6107), FSAR Ch. 3
Attachments: Draft RAI_522_EMB2_6100_EMB1_6107.doc

Attached please find draft RAI No. 522 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: 3496

Mail Envelope Properties (0A64B42AAA8FD4418CE1EB5240A6FED151674E1E98)

Subject: Draft - U.S. EPR Design Certification Application RAI No. 522 (6100, 6107),
FSAR Ch. 3
Sent Date: 10/26/2011 10:29:59 AM
Received Date: 10/26/2011 10:30:01 AM
From: Tesfaye, Getachew

Created By: Getachew.Tesfaye@nrc.gov

Recipients:

"Wong, Yuken" <Yuken.Wong@nrc.gov>
Tracking Status: None
"Spicher, Terri" <Terri.Spicher@nrc.gov>
Tracking Status: None
"Dixon-Herrity, Jennifer" <Jennifer.Dixon-Herrity@nrc.gov>
Tracking Status: None
"Miernicki, Michael" <Michael.Miernicki@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	893	10/26/2011 10:30:01 AM
Draft RAI_522_EMB2_6100_EMB1_6107.doc		31738

Options

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

Draft

Request for Additional Information No. 522(6100, 6107), Revision 0

10/26/2011

U. S. EPR Standard Design Certification
AREVA NP Inc.
Docket No. 52-020

SRP Section: 03.09.02 - Dynamic Testing and Analysis of Systems Structures and Components
SRP Section: 03.09.05 - Reactor Pressure Vessel Internals

Application Section: 3.9

QUESTIONS for Engineering Mechanics Branch 2 (ESBWR/ABWR Projects) (EMB2)
QUESTIONS for Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)

03.09.02-170

OPEN ITEM

The responses to the following questions are acceptable. However, the applicant is requested to include a summary of the responses in Technical Report ANP-10306P or the FSAR:

RAI 384, Question 03.09.02-68
RAI 407, Question 03.09.02-74
RAI 422, Question 03.09.02-88
RAI 422, Question 03.09.02-96
RAI 422, Question 03.09.02-113
RAI 422, Question 03.09.02-115
RAI 422, Question 03.09.02-117
RAI 422, Question 03.09.02-122
RAI 422, Question 03.09.02-123
RAI 422, Question 03.09.02-144
RAI 458, Question 03.09.02-150

03.09.05-31

OPEN ITEM

Follow-up RAI 149, Question 03.09.05-8

In the January 29, 2009 response to RAI 149, Question 03.09.05-8, the applicant provided Figure 03.09.05-8-1 that illustrates the clearance among the radial keys, radial key inserts, the LSP, and the reactor vessel shell. The applicant proposed to revise US-EPR FSAR Tier 2, Sections 3.9.5.3.1.2 and 3.9.5.1.2.5 to clarify the support functions of the radial keys. The staff finds that FSAR update and the RAI response provide sufficient description of the function and load paths of the radial keys. However, the applicant did not include Figure 03.09.05-8-1 in Rev 2 of the FSAR. Please provide in the FSAR, Figure 03.09.05-8-1.