

ArevaEPRDCPEm Resource

From: BRYAN Martin (EXT) [Martin.Bryan.ext@areva.com]
Sent: Wednesday, June 02, 2010 10:30 AM
To: Tesfaye, Getachew
Cc: DELANO Karen V (AREVA NP INC); ROMINE Judy (AREVA NP INC); BENNETT Kathy A (OFR) (AREVA NP INC); LENTZ Tony F (EXT)
Subject: Response to U.S. EPR Design Certification Application RAI No. 395, FSAR Ch. 14
Attachments: RAI 395 Response US EPR DC.pdf

Getachew,

Attached please find AREVA NP Inc.'s response to the subject request for additional information (RAI). The attached file, "RAI 395 Response US EPR DC.pdf," provides the schedule for technically correct and complete responses to these questions.

The following table indicates the respective pages in the response document, "RAI 395 Response US EPR DC.pdf," that contain AREVA NP's response to the subject questions.

Question #	Start Page	End Page
RAI 395 — 14.02-161	2	2

A complete answer is not provided for the one question. The schedule for technically correct and complete responses to this question is provided below.

Question #	Response Date
RAI 395 — 14.02-161	July 15, 2010

Sincerely,

Martin (Marty) C. Bryan
U.S. EPR Design Certification Licensing Manager
AREVA NP Inc.
Tel: (434) 832-3016
702 561-3528 cell
Martin.Bryan.ext@areva.com

From: Tesfaye, Getachew [mailto:Getachew.Tesfaye@nrc.gov]
Sent: Monday, May 03, 2010 12:27 PM
To: ZZ-DL-A-USEPR-DL
Cc: Keim, Andrea; Roach, Edward; Patel, Jay; Miernicki, Michael; Colaccino, Joseph; ArevaEPRDCPEm Resource
Subject: U.S. EPR Design Certification Application RAI No. 395 (4623), FSAR Ch. 14

Attached please find the subject requests for additional information (RAI). A draft of the RAI was provided to you on April 28, 2010, and on May 3, 2010, 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,
Getachew Tesfaye
Sr. Project Manager
NRO/DNRL/NARP
(301) 415-3361

Hearing Identifier: AREVA_EPR_DC_RAIs
Email Number: 1491

Mail Envelope Properties (BC417D9255991046A37DD56CF597DB71065B6CA1)

Subject: Response to U.S. EPR Design Certification Application RAI No. 395, FSAR Ch. 14
Sent Date: 6/2/2010 10:30:05 AM
Received Date: 6/2/2010 10:30:07 AM
From: BRYAN Martin (EXT)

Created By: Martin.Bryan.ext@areva.com

Recipients:

"DELANO Karen V (AREVA NP INC)" <Karen.Delano@areva.com>

Tracking Status: None

"ROMINE Judy (AREVA NP INC)" <Judy.Romine@areva.com>

Tracking Status: None

"BENNETT Kathy A (OFR) (AREVA NP INC)" <Kathy.Bennett@areva.com>

Tracking Status: None

"LENTZ Tony F (EXT)" <Tony.Lentz.ext@areva.com>

Tracking Status: None

"Teskfaye, Getachew" <Getachew.Teskfaye@nrc.gov>

Tracking Status: None

Post Office: AUSLYNCMX02.adom.ad.corp

Files	Size	Date & Time
MESSAGE	2113	6/2/2010 10:30:07 AM
RAI 395 Response US EPR DC.pdf		57880

Options

Priority: Standard

Return Notification: No

Reply Requested: No

Sensitivity: Normal

Expiration Date:

Recipients Received:

Response to

Request for Additional Information No. 395(4623), Revision 1

5/03/2010

U. S. EPR Standard Design Certification

AREVA NP Inc.

Docket No. 52-020

**SRP Section: 14.02 - Initial Plant Test Program - Design Certification and New
License Applicants**

Application Section: 14.2

QUESTIONS for Health Physics Branch (CHPB)

Question 14.02-161:

In response to RAI 313, Question 14.02-127, the applicant provided a revised Test #206, which incorporated the verification of the aeroball system's time dependence and decay constants into the calibration of the self powered neutron detectors (SPNDs). Section 2.2 of Test #206 states that "the reactor is at equilibrium xenon conditions prior to performing tests to meet 1.2 and 1.3." However, there is no discussion on the prerequisites for the aeroball system constant checks, nor are there acceptance criteria in section 5.0 of the test for the determination of the time dependence and decay constants.

Acceptance criteria for the aeroball time constants should be included to ensure that performance of the aeroball system is as expected. Therefore, in order for Test #206 to ensure functional adequacy of the aeroball system, provide acceptance criteria and prerequisites for objective 1.1 (determination of constants), or justify why these are not needed.

Response to Question 14.02-161:

A response to this question will be provide by July 15, 2010.