CCNPP3COLA PEmails

From: John Rycyna
Sent: Wednesday, April 22, 2009 3:29 PM
To: Poche, Robert; katie.thurstin@unistarnuclear.com; McQueeney, Jennifer
Cc: CCNPP3COL Resource; Sara Bernal; Timothy Frye; Jason Jennings; Joseph Colaccino; James Biggins; Adam Gendelman
Subject: RAI No 108 CHPB 2154.doc (PUBLIC)
Attachments: RAI No 108 CHPB 2154.doc

Rob,

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on April 7, 2009. No conference call was requested to discuss this 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.

John Rycyna, PE
Sr. Project Manager
Division of New Reactor Licensing
Office of New Reactors
U.S. Nuclear Regulatory Commission
301-415-4122

Hearing Identifier: CalvertCliffs_Unit3Cola_Public_EX
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Subject: RAI No 108 CHPB 2154.doc (PUBLIC)
Sent Date: 4/22/2009 3:29:13 PM
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From: John Rycyna

Created By: John.Rycyna@nrc.gov

Recipients:
"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
"Sara Bernal" <Sara.Bernal@nrc.gov>
Tracking Status: None
"Timothy Frye" <Timothy.Frye@nrc.gov>
Tracking Status: None
"Jason Jennings" <Jason.Jennings@nrc.gov>
Tracking Status: None
"Joseph Colaccino" <Joseph.Colaccino@nrc.gov>
Tracking Status: None
"James Biggins" <James.Biggins@nrc.gov>
Tracking Status: None
"Adam Gendelman" <Adam.Gendelman@nrc.gov>
Tracking Status: None
"Poche, Robert" <Robert.Poche@constellation.com>
Tracking Status: None
"katie.thurstin@unistarnuclear.com" <katie.thurstin@unistarnuclear.com>
Tracking Status: None
"McQueeney, Jennifer" <Jennifer.McQueeney@unistarnuclear.com>
Tracking Status: None

Post Office:

Files	**Size**	**Date & Time**
MESSAGE	766	4/22/2009 3:29:00 PM
RAI No 108 CHPB 2154.doc	34414	

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

Request for Additional Information No. 108
4/22/2009

Calvert Cliffs Unit 3
UniStar
Docket No. 52-016
SRP Section: 12.02 - Radiation Sources
Application Section: 12.2 Radiation Sources

QUESTIONS for Health Physics Branch (CHPB)

12.02-1

10 CFR 20.1501(b) requires, in part, that instruments and equipment used to perform dose rate surveys be calibrated periodically for the radiation to be measured.

Section 12.2.1.13, Miscellaneous Sources, of the CCNP Unit 3 FSAR states:

The U.S. EPR FSAR includes the following COL Item in Section 12.1.2.1.13:

A COL applicant that references the U.S. EPR design certification will provide site-specific information for required radiation sources containing byproduct, source, and special nuclear material that may warrant shielding design considerations. This site-specific information will include a listing of isotope, quantity, form, and use of all sources in this latter category that exceed 100 millicuries.

This COL item is addressed as follows:

The following radiation sources have been identified to be required.

Isotope	Quantity	Form	Use
Cf-252	0.5 Ci	Sealed Source	Primary Start-up Source
Sb-Be	3E+06 Ci	Sealed Source	Secondary Source
Cs-137	400 Ci	Sealed Source	Calibration
Cs-137	{130 mCi}	Sealed Source	Calibration
{Am-241	0.03 µCi	Sealed Source	Calibration}”

This source list does not include a neutron source for portable neutron survey meter calibration as required by 10 CFR 20.1501(b). Please provide the information for such a source or an alternative method or system for such instrument calibration.