

CCNPP3COLA PEmails

From: Arora, Surinder
Sent: Tuesday, February 02, 2010 3:22 PM
To: 'Poche, Robert'; 'cc3project@constellation.com'
Cc: CCNPP3COL Resource; Roach, Edward; Dehmel, Jean-Claude; Colaccino, Joseph; Jennings, Jason; Biggins, James; Vrahoretis, Susan; Hair, Christopher
Subject: FINAL RAI No. 206 CHPB 4190
Attachments: FINAL RAI 206 CHPB 4190.doc

Rob,

Attached please find the subject request for additional information (RAI). The draft of this RAI was sent to you on January 22, 2010. A clarification phone call on the draft RAI, as requested by UniStar, was held on February 2, 2010. However, no changes were made to the RAI questions resulting from this phone call.

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 schedule date for submitting your technically correct and complete response will be provided to the staff within the 30 day period so that the staff can assess how this information will impact the review schedule.

Your response letter should also include a statement confirming that the response does or does not contain any sensitive or proprietary information.

Thanks.

SURINDER ARORA, PE
PROJECT MANAGER,
Office of New Reactors
US Nuclear Regulatory Commission

Phone: 301 415-1421
FAX: 301 415-6406
Email: Surinder.Arora@nrc.gov

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Subject: FINAL RAI No. 206 CHPB 4190
Sent Date: 2/2/2010 3:21:59 PM
Received Date: 2/2/2010 3:22:04 PM
From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

Recipients:

"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
"Roach, Edward" <Edward.Roach@nrc.gov>
Tracking Status: None
"Dehmel, Jean-Claude" <Jean-Claude.Dehmel@nrc.gov>
Tracking Status: None
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>
Tracking Status:: Response: None : 12/2/2009 8:06:00 AM
"Jennings, Jason" <Jason.Jennings@nrc.gov>
Tracking Status: None
"Biggins, James" <James.Biggins@nrc.gov>
Tracking Status: None
"Vrahoretis, Susan" <Susan.Vrahoretis@nrc.gov>
Tracking Status: None
"Hair, Christopher" <Christopher.Hair@nrc.gov>
Tracking Status:: Response: None : 12/2/2009 8:06:00 AM
"Poche, Robert" <Robert.Poche@constellation.com>
Tracking Status: None
"cc3project@constellation.com" <cc3project@constellation.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

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MESSAGE	1495	2/2/2010 3:22:04 PM
FINAL RAI 206 CHPB 4190.doc		31226

Options

Priority: Standard
Return Notification: No
Reply Requested: Yes
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Request for Additional Information No. 206 (eRAI 4190)

2/2/2010

Calvert Cliffs Unit 3
UniStar

Docket No. 52-016

SRP Section: 11.04 - Solid Waste Management System

Application Section: 11.4

QUESTIONS for Health Physics Branch (CHPB)

11.04-1

CCNPP-3 FSAR Tier 2, Rev. 6, Section 11.4.3 endorses the use of NEI PCP Template 07-10A (Revision 0, March 2009) to meet COL Information Item 11.4-1 until a plant and site-specific PCP is prepared under the requirements of a license condition described in CCNPP-3 FSAR Section 13.4, Table 13.4-1. The staff has reviewed NEI PCP Template 07-10A and found it acceptable (ML091460627). The development of the site specific PCP and implementing procedures should meet the acceptance criteria of SRP Section 11.4 and Appendix 11.4-A on temporary storage. The staff finds this approach acceptable, given the inclusion of COL Information Item 11.4-1 in U.S. EPR FSAR Tier 2, Revision 1, Sections 1.8.1 and 11.4.2, and its implementation in CCNPP-3 FSAR Tier 2, Revision 6, Section 13.4.

However, a review of CCNPP-3 FSAR Tier 2, Rev. 6, Section 11.4.2 indicates the applicant has not addressed storage provisions beyond eight years in the event that access to a low-level radioactive waste disposal site is not available. U.S. EPR, FSAR Tier 2, Section 11.4.1 describes provisions within the Radioactive Waste Processing Building used to store low-level radioactive wastes for about eight years of waste generation. The applicant is requested to describe in CCNPP-3 Tier 2, Section 11.4.2 provisions for long-term storage beyond eight years using the provisions of Regulatory Guide 1.206 and 1.143 and acceptance criteria of SRP Section 11.4 and Appendix 11.4-A (NUREG-0800). The applicant should identify options and address associated regulatory compliance for a chosen long-term storage option, including:

- constructing a separate onsite storage facility that would complement the existing storage capacity of the Radioactive Waste Processing Building
- arrangements for the transfer low-level radioactive wastes to licensed third party facilities
- arrangements for the transfer low-level radioactive waste to an operating nuclear power plant managed by a parent or holding company with a license to store radioactive waste generated by CCNPP-3

The applicant should provide enough details about the chosen long-term storage option for the staff to evaluate compliance with NRC regulations, including Part 20 and Parts 50.34a and 50.59; Parts 61.55 and 61.56 as they relate to waste classification and

characteristics; NRC guidance and acceptance criteria of SRP Section 11.4 (NUREG-0800) and Regulatory Guide 1.143; and industry guidance as applicable.