

CCNPP3COLA PEmails

From: Arora, Surinder
Sent: Tuesday, February 02, 2010 3:27 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. 207 CHPB 4191
Attachments: FINAL RAI 207 CHPB 4191.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,
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Hearing Identifier: CalvertCliffs_Unit3Cola_Public_EX
Email Number: 1196

Mail Envelope Properties (B46615B367D1144982B324704E3BCEED2102D542EA)

Subject: FINAL RAI No. 207 CHPB 4191
Sent Date: 2/2/2010 3:26:54 PM
Received Date: 2/2/2010 3:26:56 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:: Response: None : 2/2/2010 3:22:00 PM
"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

Files	Size	Date & Time
MESSAGE	1495	2/2/2010 3:26:56 PM
FINAL RAI 207 CHPB 4191.doc		29690

Options

Priority: Standard
Return Notification: No
Reply Requested: Yes
Sensitivity: Normal
Expiration Date:
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Request for Additional Information No. 207 (eRAI 4191)

2/2/2010

Calvert Cliffs Unit 3

UniStar

Docket No. 52-016

SRP Section: 11.05 - Process and Effluent Radiological Monitoring Instrumentation and Sampling Systems

Application Section: 11.5

QUESTIONS for Health Physics Branch (CHPB)

11.05-1

CCNPP-3 FSAR Tier 2, Rev. 6, Section 11.5.2 endorses the use of NEI ODCM Template 07-09A (Revision 0, March 2009) to meet COL Information Item 11.5-1 until a plant and site-specific ODCM is prepared, before fuel load, under the requirements of a license condition described in CCNPP-3 FSAR Section 13.4, Table 13.4-1. The staff has reviewed NEI ODCM Template 07-09A and found it acceptable (ML091050234). The development of the site specific ODCM and implementing procedures should meet the provisions of GL 89-01 (Supplement No. 1), Radiological Assessment Branch Technical Position (Revision 1, November 1979) included as Appendix A in NUREG-1301, as ODCM guidance for PWRs, and the guidance of NUREG-0133, "Preparation of Radiological Effluent Technical Specifications for Nuclear Power Plants," October 1978. The staff finds this approach acceptable, given the inclusion of COL Information Item 11.5-1 in U.S. EPR FSAR Tier 2, Revision 1, Sections 1.8.1 and 11.5.2, and its implementation in CCNPP-3 FSAR Tier 2, Revision 6, Section 13.4.

However, the CCNPP-3 FSAR Tier 2 does not address unique site-specific conditions that are not covered in the NEI ODCM Template 07-09A. The CCNPP-3 FSAR does not consider how the ODCM will control liquid and gaseous effluent releases and doses to members of the public given that two licensees (Constellation for CCNPP-1&2 and UniStar for CCNPP-3) will be contributing to and competing for a single dose allocation to members of the public under Parts 20.1301 and 20.1302; Part 20.1301(e) in complying with 40 CFR Part 190; and unity-rule in meeting liquid and gaseous effluent concentration limits of Part 20 (App. B, Table 2, Col. 1 and 2). Accordingly, the applicant is requested to:

1. describe in CCNPP-3 FSAR Tier 2, Section 11.5.2 the administrative program and procedures that will be used to coordinate all liquid and gaseous effluent releases and dose allocations to members of the public between Constellation for CCNPP-1&2 and UniStar for CCNPP-3 in complying with NRC regulations.
2. if UniStar has already made specific arrangements with Constellation on this matter, the applicant is requested to describe in CCNPP-3 FSAR Tier 2, Section 11.5.2 the type and duration of such arrangements, the scope of the arrangements made in coordinating the responsibility to control liquid and gaseous effluent releases and doses to members of the public,

and how the arrangements will be implemented in CCNPP-3 administrative programs and procedures in FSAR Tier 2, Section 13.1.

3. include this additional responsibility in the job functional description of the Radiation Protection/Chemistry Manager in CCNPP-3 FSAR Tier 2, Section 13.1.2.2.1.1.3.