

CCNPP3COLA NPEmails

From: Arora, Surinder
Sent: Wednesday, January 20, 2010 2:08 PM
To: 'Poche, Robert'; 'cc3project@constellation.com'
Cc: CCNPP3COL Resource; Crane, Samantha; Rasmussen, Richard; Colaccino, Joseph; Miernicki, Michael; Biggins, James; Vrahoretis, Susan; Hair, Christopher
Subject: Draft RAI No. 202 CQVB 4100
Attachments: DRAFT RAI 202 CQVB 4100.doc

Rob,

Attached please find the subject draft request for additional information (RAI). You have until February 3, 2010, to review the RAI and decide whether or not you need a clarification phone call on this RAI. After the phone call or on February 3, 2010, the final RAI will be issued to you for response. You will then have 30 days to provide either a complete and technically correct response to the RAI or a schedule for providing such response, if the RAI cannot be answered during the assigned 30 days period.

Thanks.

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From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

Recipients:

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Tracking Status: None
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Post Office: HQCLSTR01.nrc.gov

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Options

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Request for Additional Information No. 202 (eRAI 4100)
DRAFT
1/20/2010

Calvert Cliffs Unit 3
UniStar
Docket No. 52-016

SRP Section: 14.02 - Initial Plant Test Program - Design Certification and New License Applicants
Application Section: 14.2

QUESTIONS for Quality and Vendor Branch 2 (ESBWR/ABWR) (CQVB)

14.02-55

In response to RAI 14.02-13 (ML082960301) and RAI 14.02-41 (ML092600156), UniStar submitted test abstract 14.2.14.12, "Personnel Monitors and radiation Survey Instruments." However, additional information is needed for portions of the test abstract.

RG 1.68 Appendix C.3.e states that the preoperational test procedures should include prerequisite testing of individual components or subsystems to demonstrate that they meet their functional requirements. For electrical, instrumentation, and control components and subsystems, this includes calibration. The NRC staff requests that the applicant add an additional prerequisite stating that the personnel monitors and radiation survey instruments will be calibrated in accordance with industry and manufacturer standards, or provide an acceptable alternative.

In addition, test Method item c) states that the COL holder will "verify that alarms and displays are capable of detecting activity levels that are above the acceptance levels." Since the alarms and displays do not detect activity please clarify this statement. For example, revise the wording to say "Verify that personnel monitors and radiation survey instruments are capable of detecting and activating alarms and displays in response to activity levels that are above acceptable levels."

Lastly, SRP Section 14.2.II.5.B states that the abstracts should include acceptance criteria in sufficient detail to establish the functional adequacy of the SSCs and design features tested. The staff requests that the applicant include a pointer to the appropriate FSAR section that includes the design data that will be used for the acceptance criteria.

14.02-56

In response to RAI 14.02-38, the applicant significantly revised Section 14.2.2, "Organization and Staffing," of the Calvert Cliffs Unit 3 COL FSAR. In RAI 14.02-44, dated September 29, 2009 (ML092970041), the staff requested that the applicant revise the remainder of Section 14.2 to reflect the new organizational structure described in the proposed revision to Section 14.2.2. In response to the staff's RAI, the applicant submitted a proposed revision to the remainder of Section 14.2 to address the new organizational structure.

In the first paragraph of the proposed revision to subsection 14.2.5.1, "Procedure Review and Evaluation," the applicant replaced the "Startup/Preoperational Test Engineer" with "test engineer." The test engineer is not described in Subsection 14.2.2 or Ch 13. The staff requests that the applicant clarify if the test engineer is equivalent to

a Commissioning Supervisor, or if this is a new position. If the test engineer is a Commissioning supervisor, please revise Subsection 14.2.5.1 to state "Commissioning Supervisor" instead of "test engineer." If the test engineer is a new position, please revise Subsection 14.2.2 to include a description of the test engineer.