CCNPP3eRAIPEm Resource

From: Arora, Surinder
Sent: Friday, February 04, 2011 8:25 AM
To: 'Poche, Robert'; 'cc3project@constellation.com'
Cc: CCNPP3eRAIPEm Resource; Strnisha, James; Terao, David; Colaccino, Joseph; Miernicki, Michael; Wilson, Anthony; Vrahoretis, Susan
Subject: Final RAI 292 CIB1 5373
Attachments: FINAL RAI 292 CIB1 5373.doc

Rob,

Attached please find the subject request for additional information (RAI). The draft of this RAI was sent to you on January 21, 2011. No clarification phone call on this RAI was requested by UniStar and the RAI is being issued as "FINAL" without any changes to the draft question.

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

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Hearing Identifier: CalvertCliffs_Unit3Col_RAI
Email Number: 91

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From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

Recipients:
"CCNPP3eRAIPEm Resource" <CCNPP3eRAIPEm.Resource@nrc.gov>
Tracking Status: None
"Strnisha, James" <James.Strnisha@nrc.gov>
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Post Office: HQCLSTR01.nrc.gov

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Request for Additional Information No. 292 (eRAI 5373)

2/4/2011

Calvert Cliffs Unit 3
UniStar
Docket No. 52-016
SRP Section: 03.11 - Environmental Qualification of Mechanical and Electrical Equipment
Application Section: Section 3.11

QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)

03.11-4

Tier 2, Section 3.11 of U.S. EPR FSAR describes the initial environmental qualification (EQ) of electrical and mechanical equipment with the EQ program for nuclear power plant applying the U.S. EPR reactor design. As discussed in Regulatory Guide 1.206 and Commission Paper SECY-05-0197, COL applicants must fully describe their operational programs to avoid the need for ITAAC regarding those programs. Therefore, the NRC staff requests that Unistar address the operational aspects of the site-specific EQ program. For example, the Calvert Cliffs FSAR should indicate that the EQ operational programs for maintaining equipment qualification during the operational life of the plant will include the following aspects: (1) evaluation of EQ results for design life to establish activities to support continued EQ; (2) determination of surveillance and preventive maintenance activities based on EQ results; (3) consideration of EQ maintenance recommendations from equipment vendors; (4) evaluation of operating experience in developing surveillance and preventive maintenance activities for specific equipment; (5) development of plant procedures that specify individual equipment identification, appropriate references, installation requirements, surveillance and maintenance requirements, post-maintenance testing requirements, condition monitoring requirements, replacement part identification, and applicable design changes and modifications; (6) development of plant procedures for reviewing equipment performance and EQ operational activities, and for trending the results to incorporate lessons learned through appropriate modifications to the EQ operational program; and (7) development of plant procedures for the control and maintenance of EQ records.