

CCNPP3COLA PEmails

From: Arora, Surinder
Sent: Monday, January 04, 2010 9:01 AM
To: 'Poche, Robert'; 'cc3project@constellation.com'
Cc: CCNPP3COL Resource; Samaddar, Sujit; Brown, David; Colaccino, Joseph; Steckel, James; Biggins, James; Vrahoretis, Susan; Hair, Christopher
Subject: FINAL RAI No. 196 RSAC 3785
Attachments: FINAL RAI 196 RSAC 3785.doc

Rob,

Attached please find the subject request for additional information (RAI). The draft of this RAI was sent to you on December 8, 2009. No clarification phone call on the draft RAI requested by UniStar during the review period.

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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US Nuclear Regulatory Commission

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Subject: FINAL RAI No. 196 RSAC 3785
Sent Date: 1/4/2010 9:01:07 AM
Received Date: 1/4/2010 9:01:11 AM
From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

Recipients:

"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
"Samaddar, Sujit" <Sujit.Samaddar@nrc.gov>
Tracking Status: None
"Brown, David" <David.Brown@nrc.gov>
Tracking Status: None
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>
Tracking Status:: Response: None : 12/2/2009 8:06:00 AM
"Steckel, James" <James.Steckel@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

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FINAL RAI 196 RSAC 3785.doc		30714

Options

Priority: Standard
Return Notification: No
Reply Requested: Yes
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Request for Additional Information No. 196 (eRAI 3785)

1/4/2010

Calvert Cliffs Unit 3
UniStar

Docket No. 52-016

SRP Section: 02.03.03 - Onsite Meteorological Measurements Programs
Application Section: 2.3.3

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.03.03-9

The staff's guidance in NUREG-0800, Section II, Acceptance Criteria, under SRP Acceptance Criteria, item 3, states that the applicant should identify and justify any deviations from the guidance provided in Regulatory Guide (RG) 1.23, "Meteorological Monitoring Programs for Nuclear Power Plants." The guidance in RG 1.23 contains criteria the staff considers acceptable for the collection of basic meteorological data needed to support plant licensing and operation pursuant to NRC regulations in 10 CFR Part 50, paragraphs 50.47(b)(4), 50.47(b)(8) and 50.47(b)(9), Section IV.E.2 of Appendix E, 10 CFR Part 20, 10 CFR Part 100(c)(2) and other rules.

In FSAR sections 2.3.3.1.7 and 2.3.3.2.7, the applicant describes deviations from RG 1.23. Section 2.3.3.1.7, which pertains to the pre-operational meteorological measurement program, describes three deviations: No atmospheric moisture measurements, as described in RG 1.23, Regulatory Position C.2.5; the tower will not be at plant grade, as described in RG 1.23, Regulatory Position C.3.; and tower, guyed wires and anchors will be inspected every 5 years, instead of annual guyed wires and every 3 year inspection of anchors and tower, as described in RG 1.23, Regulatory Position C.5. However, Section 2.3.3.2.7, which pertains to the operational meteorological measurement program, states that the only deviation from RG 1.23 will be that the tower will not be at plant grade.

The NRC staff requests that the applicant clarify whether there are additional deviations from the guidance in RG 1.23 that will apply during either the pre-operational or the operational meteorological measurement program, such as:

- The guidance regarding atmospheric moisture measurements in Regulatory Position C.2.5 for sites using cooling towers;
- The guidance regarding inspections in Regulatory Position C.5;
- The guidance regarding the use of wind shields on precipitation gauges to minimize the wind-caused loss of precipitation; or
- The guidance on digital sampling of data every 5 seconds. A digital sampling rate of every 10 seconds was specified in the applicant's reply to RAI Question 02.03.03-3.

As stated in NUREG-0800, Section II, Acceptance Criteria, under SRP Acceptance Criteria, item 3, the staff requests that the applicant update the FSAR to remove the discrepancy in the pre-operational meteorological measurement program deviations between FSAR sections 2.3.3.1.7 and 2.3.3.2.7, and include justification for each deviation from the guidance provided in Regulatory Guide 1.23.