

## CCNPP3COLA PEmails

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**From:** Steckel, James  
**Sent:** Friday, July 01, 2011 1:35 PM  
**To:** CCNPP3COLA PEmails  
**Subject:** FW: Draft RAI No 50 CQVP 1232.doc (P)  
**Attachments:** Draft RAI No 50 CQVP 1232.doc

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**From:** John Rycyna  
**Sent:** Thursday, January 15, 2009 9:26 AM  
**To:** Poche, Robert  
**Cc:** CCNPP3COL Resource; Samantha Crane; Juan Peralta; Michael Miernicki; Joseph Colaccino; Meena Khanna; James Biggins; Adam Gendelman  
**Subject:** Draft RAI No 50 CQVP 1232.doc (P)

Rob,

Attached is DRAFT RAI No. 50. You have until January 29, 2009 to review it and to decide whether you need a conference call to discuss it. After the call or after January 29, 2009 the RAI will be finalized and sent to you. You then have 30 days to respond.

John Rycyna, PE  
Sr. Project Manager  
Division of New Reactor Licensing  
Office of New Reactors  
U.S. Nuclear Regulatory Commission  
301-415-4122

**Hearing Identifier:** CalvertCliffs\_Unit3Cola\_Public\_EX  
**Email Number:** 2610

**Mail Envelope Properties** (0AA17736E4C4154CA37233EEBFC8DEB27400C0E622)

**Subject:** FW: Draft RAI No 50 CQVP 1232.doc (P)  
**Sent Date:** 7/1/2011 1:34:34 PM  
**Received Date:** 7/1/2011 1:34:37 PM  
**From:** Steckel, James

**Created By:** James.Steckel@nrc.gov

**Recipients:**  
"CCNPP3COLA PEmails" <CCNPP3COLA.PEmails@nrc.gov>  
Tracking Status: None

**Post Office:** HQCLSTR02.nrc.gov

<b>Files</b>	<b>Size</b>	<b>Date &amp; Time</b>
MESSAGE	717	7/1/2011 1:34:37 PM
Draft RAI No 50 CQVP 1232.doc		27758

**Options**  
**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

Request for Additional Information No. 50  
DRAFT  
1/15/2009

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 1 (AP1000/EPR Projects) (CQVP)

14.02-26

RG 1.206 Section C.I.14.2.12, in part, states that test abstracts should specify the prerequisites and major plant operating conditions necessary for each test (such as power level and mode of operation of major control systems). The abstracts should also contain sufficient information to justify the specified test method if such method does not subject the structure/system/component (SSC) under test to representative design operating conditions. In addition, the abstracts should identify pertinent precautions for individual tests, as necessary (e.g., minimum flow requirements or reactor power level that must be maintained).

The test abstracts in Section 14.2.14 of the CCNPP3 COLA do not specify the major plant operating conditions necessary for each test. Furthermore, the abstracts should identify pertinent precautions for individual tests, as necessary.

The NRC staff requests that UniStar revise the test abstracts in Section 14.2.14 of the CCNPP3 COLA to include the major plant operating conditions necessary for each test, sufficient information to justify the specified test method if such method does not subject the SSC under test to representative design operating conditions, and pertinent precautions for individual tests, as necessary.

14.02-27

Section C.I.14.2.7 of RG 1.206 states that the COL applicant should provide a discussion of the initial test program, which demonstrates consistency with the regulatory positions in RG 1.68. In so doing, the COL applicant should include a list of all regulatory guides applicable to development of the initial test programs. Calvert Cliffs COL Section 14.2.7, "Conformance of Test Programs with Regulatory Guides," incorporates by reference the US EPR FSAR Section 14.2.7. However, the list provided in the US EPR FSAR does not include RG 1.136 "Design Limits, Loading Combinations, Materials, Construction, and Testing of Concrete Containments," which is listed in Section C.I.14.2.7 of RG 1.206. Accordingly, the staff requests that the applicant clarify its position regarding the omission of RG 1.136, in either including and conforming with RG 1.136, or in justifying an alternative.

14.02-28

RG 1.206 C.I.14.2.11 states that a COL applicant should identify and cross-reference each test (or portion thereof) required to be completed before initial fuel loading that is designed to satisfy the requirements for completing ITAAC in accordance with 10 CFR 52.99(a).

Section 14.2.11 of the application does not include information to address the methods to identify and cross-reference all or part of each test that is required to be completed before initial fuel loading that is designed to satisfy the requirements of completing ITAAC in accordance with 10 CFR 52.99(a).

Therefore, the staff requests that the applicant revise Section 14.2.11 of its FSAR to include the provisions described above to ensure that required tests completed before initial fuel loading and designed to satisfy the requirements of ITAAC are adequately identified, or to justify an alternative consistent with 10 CFR 52.99(a).