CCNPP3COLA PEmails

From: Rycyna, John
Sent: Monday, July 13, 2009 3:36 PM
To: Poche, Robert; McQueeney, Jennifer; katie.thurstin@unistarnuclear.com; michael.stevenson@unistarnuclear.com
Cc: CCNPP3COL Resource; Poehler, Jeffrey; Terao, David; Hearn, Peter; Colaccino, Joseph; Biggins, James; Simon, Marcia; Vrahoretis, Susan
Subject: Draft RAI No 129 CIB 2619.doc
Attachments: Draft RAI No 129 CIB 2619.doc

Rob,

Attached is DRAFT RAI No. 129. You have until July 28, 2009 to review it and to decide whether you need a conference call to discuss it. After the call or after July 28, 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: 789

Mail Envelope Properties (499C2FC6BB962446994CA8682D8ADF33188C1775D6)

Subject: Draft RAI No 129 CIB 2619.doc
Sent Date: 7/13/2009 3:35:51 PM
Received Date: 7/13/2009 3:35:53 PM
From: Rycyna, John

Created By: John.Rycyna@nrc.gov

Recipients:
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Tracking Status: None
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Post Office: HQCLSTR02.nrc.gov

Files	**Size**	**Date & Time**
MESSAGE	434	7/13/2009 3:35:53 PM
Draft RAI No 129 CIB 2619.doc	24686	

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

Request for Additional Information No. 129
DRAFT
7/13/2009

Calvert Cliffs Unit 3
UniStar
Docket No. 52-016
SRP Section: 10.04.05 - Circulating Water System
Application Section: 10.4.5

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

10.04.05-2

COL Information Item 10.4-4 requires the COL applicant to provide methods for control of water chemistry, and to provide the specific chemicals used within the chemical treatment system. The Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 Final Safety Analysis Report (FSAR), Section 10.4.5.2.2, provided a listing of the chemicals to be added for treatment of the circulating water system (CWS) water. The list included a corrosion inhibitor, scale inhibitor, and dispersant; however, the specific chemicals to be used were not identified because the three chemicals were described as proprietary (supplier-specific). The description of the CWS also did not identify the materials of the piping, cooling towers, or other major system components.

In order to evaluate the compatibility of the treatment chemicals with the CWS materials, the staff requests the following:

1. Identify the primary material types to be used for the piping and components of the CWS that will come in contact with the circulating water.

2. Describe the criteria or process that will be used to ensure the compatibility of the proprietary corrosion inhibitor, scale inhibitor, and dispersant with the system materials.