CCNPP3COLA PEmails

From: Arora, Surinder
Sent: Saturday, March 20, 2010 12:23 PM
To: 'Poche, Robert'; 'cc3project@constellation.com'
Cc: CCNPP3COL Resource; Mrowca, Lynn; Phan, Hanh; Colaccino, Joseph; Roy, Tarun; Biggins, James; Vrahoretis, Susan; Hair, Christopher; Roy, Tarun
Subject: DRAFT RAI 224 SPLA 4478
Attachments: DRAFT RAI 224 SPLA 4478.doc

Rob,

Attached is DRAFT RAI No. 224 (eRAI No. 4478). You have until April 2, 2010 to review it and decide whether you need a conference call to discuss any questions in this RAI before the final issuance. After the phone call or on April 2, 2010, the RAI will be finalized and sent to you for response. You will then have 30 days to provide a technically complete response or an expected response date for the RAI.

Thanks.

SURINDER ARORA, PE
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Hearing Identifier: CalvertCliffs_Unit3Cola_Public_EX
Email Number: 1224

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Subject: DRAFT RAI 224 SPLA 4478
Sent Date: 3/20/2010 12:22:56 PM
Received Date: 3/20/2010 12:23:00 PM
From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

Recipients:
"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
"Mrowca, Lynn" <Lynn.Mrowca@nrc.gov>
Tracking Status: None
"Phan, Hanh" <Hanh.Phan@nrc.gov>
Tracking Status: None
"Colaccino, Joseph" <Joseph.Colaccino@nrc.gov>
Tracking Status: None
"Roy, Tarun" <Tarun.Roy@nrc.gov>
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Tracking Status: None
"Vrahoretis, Susan" <Susan.Vrahoretis@nrc.gov>
Tracking Status: None
"Hair, Christopher" <Christopher.Hair@nrc.gov>
Tracking Status:: Response: None : 3/12/2010 8:37:00 AM
"Roy, Tarun" <Tarun.Roy@nrc.gov>
Tracking Status: None
"'Poche, Robert'" <Robert.Poche@constellation.com>
Tracking Status: None
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Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

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MESSAGE	642	3/20/2010 12:23:00 PM
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Options
Priority: Standard
Return Notification: No
Reply Requested: Yes
Sensitivity: Normal
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Request for Additional Information No. 224 (eRAI 4478)
DRAFT
3/20/2010

Calvert Cliffs Unit 3
UniStar
Docket No. 52-016
SRP Section: 17.04 - Reliability Assurance Program (RAP)
Application Section: 17.4

QUESTIONS for PRA Licensing, Operations Support and Maintenance Branch 1 (AP1000/EPR Projects) (SPLA)

17.04-5

Please describe the system boundary of the risk-significant systems identified in the CCNPP Unit 3 FSAR, Table 17.4-2 “Design Certification Scope Systems Included within RAP” and Table 17.4-3 “Site Specific Systems Included within RAP.”

17.04-6

Provide the rationale for the criteria used for selecting the expert panel provided in Section 17.4.4.1.3 “Expert Panel” of the CCNPP Unit 3 FSAR.

17.04-7

Provide the rationale for the deterministic categorization process provided in Section 17.4.4.1.4.2 “Deterministic Risk Ranking” of the CCNPP Unit 3 FSAR, especially, the classification of the weighted score range of 0-40 as a low safety or no risk significance.

17.04-8

Section 17.4.4.4.1 “Performance Goal” of the CCNPP Unit 3 FSAR states that “the performance monitoring criteria are established consistent with the reliability and availability assumptions used in the PRA.” For those risk-significant SSCs identified by the deterministic categorization methods (e.g., not modeled in the PRA), describe the performance criteria and goals.

17.04-9

Please justify the exclusion of the following systems from the scope of D-RAP:

- Normal Heat Sink (NHS)
- Startup and Shutdown System (SSS)
- Auxiliary Cooling Water System (ACWS)
- Closed Cooling Water System (CLCWS)
- Raw Water Supply System (RWSS)