

CCNPP3eRAIPEm Resource

From: Arora, Surinder
Sent: Thursday, April 25, 2013 9:04 AM
To: Infanger, Paul; UNECC3Project@unistarnuclear.com
Cc: CCNPP3eRAIPEm Resource; Segala, John; Wilson, Anthony; Cook, Christopher; Erwin, Kenneth; Ford, Tanya; Clark, Phyllis; McLellan, Judith
Subject: CCNPP3 - Final RAI 389 RHMB 7075
Attachments: FINAL RAI 389 RHMB 7075.doc

Paul,

Attached to this email message is Final RAI No. 389 (eRAI No. 7075) pertaining to Section 2.4 of the FSAR for the Combined License Application for CCNPP3. This RAI relates to the inconsistencies between FSAR Table 2.4-20 and FSAR Figures 2.4-11 and 2.4-18. The draft of this RAI was issued to UniStar on April 3, 2013. As confirmed in your email dated April 24, 2013, this email transmits the "final" version of the RAI without any changes to the draft question.

The schedule that we have established for review of your application assumes that your technically complete response to the RAI question or a schedule for providing the response must be received within 30 days of the final RAI. Please note that if you are providing a response schedule in lieu of the technically complete response, the staff will re-evaluate the completion schedule of the chapter based on your proposed response date.

Additionally, please make sure that your response letter includes a statement whether or not your response contains any sensitive or proprietary information.

Thanks.

SURINDER ARORA, PE
LEAD PROJECT MANAGER,
Calvert Cliffs Unit 3 Project
Office of New Reactors
US Nuclear Regulatory Commission

Phone: 301 415-1421
FAX: 301 415-6406
Email: Surinder.Arora@nrc.gov

Hearing Identifier: CalvertCliffs_Unit3Col_RAI
Email Number: 304

Mail Envelope Properties (B46615B367D1144982B324704E3BCEEDE57FC09633)

Subject: CCNPP3 - Final RAI 389 RHMB 7075
Sent Date: 4/25/2013 9:03:46 AM
Received Date: 4/25/2013 9:03:47 AM
From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

Recipients:

"CCNPP3eRAIEm Resource" <CCNPP3eRAIEm.Resource@nrc.gov>
Tracking Status: None
"Segala, John" <John.Segala@nrc.gov>
Tracking Status: None
"Wilson, Anthony" <Anthony.Wilson@nrc.gov>
Tracking Status: None
"Cook, Christopher" <Christopher.Cook@nrc.gov>
Tracking Status: None
"Erwin, Kenneth" <Kenneth.Erwin@nrc.gov>
Tracking Status: None
"Ford, Tanya" <Tanya.Ford@nrc.gov>
Tracking Status: None
"Clark, Phyllis" <Phyllis.Clark@nrc.gov>
Tracking Status: None
"McLellan, Judith" <Judith.McLellan@nrc.gov>
Tracking Status: None
"Infanger, Paul" <paul.infanger@unistarnuclear.com>
Tracking Status: None
"UNECC3Project@unistarnuclear.com" <UNECC3Project@unistarnuclear.com>
Tracking Status: None

Post Office: HQCLSTR01.nrc.gov

Files	Size	Date & Time
MESSAGE	1344	4/25/2013 9:03:47 AM
FINAL RAI 389 RHMB 7075.doc		32250

Options

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

Request for Additional Information 389 (eRAI 7075)

Issue Date: 4/25/2013

Application Title: Calvert Cliffs Unit 3 - Docket Number 52-016

Operating Company: UniStar

Docket No. 52-016

Review Section: 02.04.03 - Probable Maximum Flood (PMF) on Streams and Rivers

Application Section: Section 02.04.03

QUESTIONS

02.04.03-1

To meet the requirements of 10 CFR 52.79(a)(1)(iii), estimates of the probable maximum flood (PMF) resulting from the probable maximum precipitation (PMP) are needed. The PMF in rivers and streams induced by a PMP in the drainage area should be estimated and presented in the COL FSAR. Upon review of FSAR Revision 8, the staff noted inconsistencies between COL FSAR Table 2.4-20 "PMF Flow Rates" and Figures 2.4-11 "Johns Creek Watershed" and 2.4-18 "HEC-RAS Cross Section Locations" which should clearly relate the cross-sections to the contributing sub-basins. The staff requests that the COL applicant update the COL FSAR to ensure that the representation of the watershed in FSAR Figures 2.4-11 and 2.4-18 is consistent with the PMF flow rates presented in FSAR Table 2.4-20.