CCNPP3eRAIPEm Resource

From: Arora, Surinder
Sent: Friday, February 14, 2014 1:08 PM
To: 'Infanger, Paul (paul.infanger@unistarnuclear.com)'; 'Mark.T.Finley@unistarnuclear.com'
Cc: CCNPP3eRAIPEm Resource; Segala, John; Wilson, Anthony; Miernicki, Michael; McLellan, Judith; Clark, Theresa; Hsu, Kaihwa
Subject: CCNPP3 - Final RAI 414 EMB 7401
Attachments: FINAL RAI 414 EMB 7401.docx

Paul,

Attached to this email message is the final RAI No. 414 (eRAI No. 7401) pertaining to section 3.12 of the FSAR included in your combined license application for CCNPP3. The question in this RAI is a follow up to the staff's earlier question (number 03.12-1) issued in RAI 399 (eRAI 7227) and is based on the staff's review of your response to the previous question. The draft of this RAI was issued to you on January 31, 2014. Your email dated February 11, 2014 stated that no clarification phone call was required on this RAI question and that the RAI could be issued as "final". Therefore, the question in this RAI remain unchanged from its draft version.

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

Additionally, please make sure to include in your response letter a statement certifying whether or not your response contains any sensitive or proprietary information that needs to be withheld from public disclosure.

Thanks.

SURINDER ARORA, PE
LEAD PROJECT MANAGER,
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From: Arora, Surinder

Created By: Surinder.Arora@nrc.gov

Recipients:
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Tracking Status: None
"Segala, John" <John.Segala@nrc.gov>
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Options
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Request for Additional Information 414 (eRAI 7401)

Issue Date: 02/14/2014
Application Title: Calvert Cliffs Unit 3 - Docket Number 52-016
Operating Company: UniStar
Docket No. 52-016
Review Section: 03.12 - ASME Code Class 1, 2, and 3 Piping Systems and Piping Components and Their Associated Supports
Application Section:

QUESTIONS

03.12-2

<u>This RAI is a Follow Up to RAI 399 (eRAI 7227), Question 03.12-1</u>:

In its response to RAI 399, Question 03.12-1, UniStar stated that the essential elements of a program to monitor the pressurizer surge line temperatures to verify that the transients for these lines are representative of actual plant operations, **unless data from a similar plant's operation determines that monitoring is not warranted**. UniStar's response also included statement that the data collected during foreign EPR startup test programs will verify that the design transients are representative of actual operations.

In questions related to the U.S. EPR FSAR issued in 2009 (RAI 215, Question 3.12-17 and RAI 306, Question 03.12-19), the staff previously raised the concern and clarified that plant heatup/cooldown methods control the system ΔT (pressurizer temperature – Coolant Loop temperature) and surge line transients. In response, the DC applicant also indicated that heatup/cooldown procedures are plant-specific. Accordingly, the DC FSAR was updated beginning in Revision 2 to state that a COL applicant who references the U.S. EPR design certification will monitor the pressurizer surge line without referencing foreign or similar plants. The staff is requesting the COLA applicant to address why foreign EPR data and other plants' data can be used as representative for Calvert Cliffs, as this would be considered a departure from the DC FSAR.

In the same response, the applicant also identified conducting visual inspections (ASME, Section XI, VT-3) of the pressurizer surge line. The staff noted that the surge line is insulated during monitoring and requests clarification of the purpose of the visual inspection.