CCNPP3COLA PEmails

From: John Rycyna
Sent: Thursday, November 13, 2008 8:32 AM
To: Wrobel, George
Cc: CCNPP3COL Resource; Joseph Colaccino; Tarun Roy; Cheng-Ih Wu; Anthony Hsia
Subject: RAI No 32 EMB1 1176.doc (P)
Attachments: RAI No 32 EMB1 1176.doc

George,

Attached please find the subject request for additional information (RAI). A draft of the RAI was provided to you on October 29, 2008. No conference call was requested to discuss this RAI. The schedule we have established for review of your application assumes technically correct and complete responses within 30 days of receipt of RAIs. For any RAIs that cannot be answered within 30 days, it is expected that a date for receipt of this information will be provided to the staff within the 30 day period so that the staff can assess how this information will impact the published schedule.

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

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Subject: RAI No 32 EMB1 1176.doc (P)
Sent Date: 11/13/2008 8:32:28 AM
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From: John Rycyna

Created By: John.Rycyna@nrc.gov

Recipients:
"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
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"Tarun Roy" <Tarun.Roy@nrc.gov>
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"Cheng-Ih Wu" <Cheng-Ih.Wu@nrc.gov>
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Tracking Status: None
"Wrobel, George" <George.Wrobel@unistarnuclear.com>
Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

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MESSAGE	768	11/13/2008 8:32:30 AM
RAI No 32 EMB1 1176.doc	24686	

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

Request for Additional Information No. 32 Revision 0
11/13/08

Calvert Cliffs Unit 3
UniStar
Docket No. 52-016
SRP Section: 05.02.01.01 - Compliance with the Codes and Standards Rule, 10 CFR 50.55a
Application Section: 05.02.01.01

QUESTIONS for Engineering Mechanics Branch 1 (AP1000/EPR Projects) (EMB1)

05.02.01.01-1

RAI 5.2.1.1-1:
In Section 5.2.1.1 of the applicant's FSAR, "Compliance with 10 CFR 50.55a," the applicant addresses section 5.2.1.1 of the U.S. EPR FSAR, an outstanding COL information action item, noting that "[t]he code of record for the design is the 2004 edition of the ASME Boiler and Pressure Vessel Code (no addenda). This code is consistent with the code established in U.S. EPR FSAR Section 5.2.1. No relief requests or alternatives are required." The applicant is requested to clarify how the application of the 2004 edition of the ASME Code satisfies the requirements of 10 CFR 50.55a(b)(1)(ii) and (iii).

RAI 5.2.1.1-2:
In Section 5.2.1.1 of Calvert Cliffs COL application, it noted that a COL applicant that references the U.S. EPR design certification will identify subsequent ASME Code editions or addenda that may be used and will determine the consistency of the U.S. EPR design with construction practices (including inspection and examination methods) reflected within the subsequent code editions and addenda identified in the COL application. The staff noted that the Calvert Cliffs COLA incorporates by reference to the EPR DCD, the 2001 Edition of the ASME Code through 2003 Addenda which were used for EPR piping design except that the 1993 Addenda of the ASME Code was used for seismic design of piping in compliance with the restriction of 10CFR50.55a (b)(1)(iii). Based on the restriction, ASME Code Editions and Addenda later than and including 1994 Addenda can not be used for seismic design of piping. The applicant is requested to provide justification in compliance with 10CFR50.55a(a)(3) for the use of ASME Code editions or addenda other than the 2004 edition of ASME code, which is the code of record for the EPR design certification.