CCNPP3COLA PEmails

From: Carneal, Jason
Sent: Friday, December 17, 2010 1:50 PM
To: Forsaty, Fred
Cc: CCNPP3COL Resource
Subject: Review of Calvert RAI 225
Attachments: ML1017206360.pdf

Fred:

We will also need to review this response on Calvert, referring to benchmarking of the BAW-2241P-A fluence methodology and determine if this response is acceptable.

The attached file contains UniStar's response and proposed changes to the COL FSAR.

Thanks,

Jason

Jason Carneal
Project Manager
U.S. Nuclear Regulatory Commission
NRO/DNRL/NARP (T-6J4)
301-415-3813

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From: Carneal, Jason

Created By: Jason.Carneal@nrc.gov

Recipients:
"CCNPP3COL Resource" <CCNPP3COL.Resource@nrc.gov>
Tracking Status: None
"Forsaty, Fred" <Fred.Forsaty@nrc.gov>
Tracking Status: None

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UniStar
NUCLEAR ENERGY

10 CFR 50.4
10 CFR 52.79

June 17, 2010

UN#10-162

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016
Updated Response to Request for Additional Information for the
Calvert Cliffs Nuclear Power Plant, Unit 3,
RAI 225, Reactor Design – Fluence Surveillance

References:
1) Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL RAI 225 SRSB 4518" email dated April 5, 2010

2) UniStar Nuclear Energy Letter UN#10-095, from Greg Gibson to Document Control Desk, U.S. NRC, Response to RAI 225, Reactor Design – Fluence Surveillance, dated April 12, 2010

The purpose of this letter is to provide an updated response to request for additional information (RAI) 225 identified in the NRC e-mail correspondence to UniStar Nuclear Energy (UNE), dated April 5, 2010 (Reference 1). This RAI addresses Reactor Design – Fluence Surveillance, as discussed in Section 4.3 of the Final Safety Analysis Report (FSAR), as submitted in Part 2 of the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 Combined License Application (COLA), Revision 6.

Reference 2 stated that following the AREVA response to U.S. EPR RAI 344, Question 04.03-27, UniStar Nuclear Energy would provide an updated response to RAI 225, Question 04.03-1. The enclosure contains our updated response to RAI 225, Question 04.03-1, and includes revised COLA content. A Licensing Basis Document Change Request has been initiated to incorporate these changes into a future revision of the COLA.

D096
NRO

Our response does not include any new regulatory commitments. This letter does not contain any sensitive or proprietary information.

If there are any questions regarding this transmittal, please contact me at (410) 470-4205, or Mr. Wayne A. Massie at (410) 470-5503.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on June 17, 2010

Greg Gibson

Enclosure: Updated Response to NRC Request for Additional Information RAI 225, Question 04.03-1, Reactor Design – Fluence Surveillance, Calvert Cliffs Nuclear Power Plant, Unit 3

cc: Surinder Arora, NRC Project Manager, U.S. EPR Projects Branch
Laura Quinn, NRC Environmental Project Manager, U.S. EPR COL Application
Getachew Tesfaye, NRC Project Manager, U.S. EPR DC Application (w/o enclosure)
Loren Plisco, Deputy Regional Administrator, NRC Region II (w/o enclosure)
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2
U.S. NRC Region I Office

GTG/RDS/stt

UN#10-162

Enclosure

Updated Response to NRC Request for Additional Information
RAI 225, Question 04.03-1, Reactor Design – Fluence Surveillance,
Calvert Cliffs Nuclear Power Plant, Unit 3

RAI 225

Question 04.03-1

In U.S. EPR RAI 344, Question 04.03-27, AREVA NP Inc. was requested to provide a COL Item in the FSAR for the U.S. EPR to address plant specific surveillance of the reactor internals in regard to fluence methodology benchmarking. The COL FSAR will need to address this COL information item once it is added to the U.S. EPR FSAR Tier 2, Section 4.3. In a letter dated March 12, 2010, UniStar stated that when the COL item is added to the U.S. EPR FSAR, the applicable parts of the COL application for CCNPP Unit 3 would be updated to address this additional requirement. Provide an update to the COL FSAR Tier 2 to include the additional requirements of the COL item referenced above, when available.

Response

In the AREVA response to U.S. EPR RAI 344, Question 04.03-27, (ML101600032), COL Item 5.3-4 was added. COL Item 5.3-4 states that "A COL Applicant that references the U. S. EPR design certification will provide plant specific surveillance capsule data to benchmark BAW-2241P-A and demonstrate applicability to the specific plant."

CCNPP Unit 3 FSAR Table 1.8-2 and Section 5.3.1.6 will be revised to add this new COL information item.

COLA Impact

FSAR Table 1.8-2 is being updated with the addition of COL Item 5.3-4 as follows:

Table 1.8-2—FSAR Sections that Address COL Items

Item No	Description	Section
5.3-4	A COL Applicant that references the U. S. EPR design certification will provide plant specific surveillance capsule data to benchmark BAW-2241P-A and demonstrate applicability to the specific plant.	5.3.1.6

FSAR Section 5.3.1.6 is being updated with the addition of COL Item 5.3-4 as follows:

5.3.1.6 Material Surveillance

The U.S. EPR FSAR includes the following COL Item in Section 5.3.1.6:

> A COL applicant that references the U.S. EPR design certification will identify the implementation milestones for the material surveillance program.

This COL Item is addressed as follows:

The implementation milestones for the Reactor Vessel material surveillance program are provided in Table 13.4-1.

The U.S. EPR FSAR includes the following COL Item in Section 5.3.1.6:

> A COL Applicant that references the U. S. EPR design certification will provide plant specific surveillance capsule data to benchmark BAW-2241P-A and demonstrate applicability to the specific plant.

This COL Item is addressed as follows:

Plant specific surveillance capsule data will be provided to benchmark BAW-2241P-A and demonstrate its applicability to the plant.