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March 9, 2009

UN#09-146

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

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016
Response to Request for Additional Information for the
Calvert Cliffs Nuclear Power Plant, Unit 3,
RAI No. 57, Question 12.01-1, Radiation Protection – ALARA Program

References: 1) John Rycyna (NRC) to Robert Poche (UniStar), "RAI No. 57 COLP
1857.doc (PUBLIC)" email dated February 10, 2009

The purpose of this letter is to respond to the request for additional information (RAI) identified in the NRC e-mail correspondence to UniStar Nuclear, dated February 10, 2009 (Reference 1). This RAI addresses the Radiation Protection – ALARA Program, as discussed in Sections 12.1.3 and 12.1.4 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 3.

The enclosure provides our response to RAI No. 57, Question 12.01-1. Our response to Question 12.01-1 does not include any new regulatory commitments and does not require revised COLA content at this time.

If there are any questions regarding this transmittal, please contact me at (410) 470-4205, or Mr. Michael J. Yox at (410) 495-2436.

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

Executed on March 9, 2009



Greg Gibson

Enclosure: Response to NRC Request for Additional Information, RAI No. 57, Question 12.01-1, Radiation Protection – ALARA Program, Calvert Cliffs Nuclear Power Plant, Unit 3

cc: John Rycyna, NRC 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

Enclosure

**Response to NRC Request for Additional Information
RAI No. 57, Question 12.01-1, Radiation Protection – ALARA Program
Calvert Cliffs Nuclear Power Plant, Unit 3**

RAI No. 57

Question 12.01-1

The applicant's FSAR, Section 12.1, includes a commitment to the use of guidance for ensuring that occupational radiation exposures are as low as is reasonably achievable (ALARA), based on draft NEI Template 07-08, which is currently under NRC staff review. This NEI template discusses operational policies and operational considerations to ensure that occupational radiation exposures are ALARA. Should the staff accept NEI Template 07-08, please update the final version of this template (or otherwise update the FSAR to address any differences for consistency with an approved template). Accordingly, the applicant should update all internal citations to an approved template in applicable FSAR subsections and references.

Response

The CCNPP Unit 3 COLA will be updated to incorporate NEI 07-08 "Generic FSAR Template Guidance for Ensuring that Occupational Radiation Exposures are As Low As is Reasonably Achievable (ALARA)," including internal citations, once it is accepted by the NRC.

COLA Impact

The CCNPP Unit 3 COLA will be revised to incorporate NEI 07-08, or address any departures from that guidance, if the NRC accepts or otherwise endorses the NEI document.