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10 CFR 50.4
10 CFR 52.79

May 12, 2010

UN#10-130

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 243, Fire Protection Program

Reference: Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL
RAI 243 SBPA 4662" email dated May 10, 2010

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 Energy, dated May 10, 2010 (Reference). This RAI addresses Fire Protection Program, as discussed in Section 9.5 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.

The enclosure provides our response to RAI 243, Question 09.05.01-16, 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.

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

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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 May 12, 2010

A handwritten signature in black ink, appearing to read 'Greg Gibson', with a long horizontal flourish extending to the right.

Greg Gibson

Enclosure: Response to NRC Request for Additional Information RAI 243,
Question 09.05.01-16, Fire Protection Program, 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/mdf

Enclosure

**Response to NRC Request for Additional Information
RAI 243, Question 09.05.01-16, Fire Protection Program
Calvert Cliffs Nuclear Power Plant, Unit 3**

RAI No. 243

Question 09.05.01-16

COLA FSAR Rev 6 incorporated response to RAI 75, Question 09.05.01-5, correctly except for the first two rows in COLA FASR Table 9.5-1. Please update COLA FSAR Table 9.5-1 as shown below or explain why the update is not appropriate or necessary.

The first row (Corresponding to R.G. Section C.1) column "CCNPP Unit 3 Supplement" should be unchanged as follows:

"The Fire Protection Program (FPP) is consistent Program with the requirements of Regulatory Guide 1.189 and SRP 9.5-1. Details of the FPP are provided in this COL application."

The second row (Corresponding to R.G. Section C.1.1) column "CCNPP Unit 3 Supplement" should be changed as per response to RAI 75, Question 09.05.01-5, and should read as follows:

"The UniStar Nuclear Operating Services, LLC site organizational structure is represented in Figure 13.1-4. The key site specific positions for the FPP are identified in Section 9.5.1.6.2."

Response

The information incorrectly incorporated into the first two rows of FSAR Table 9.5-1 in Revision 6 of the CCNPP Unit 3 COLA, will be updated to be consistent with the response to RAI 75, Question 09.05.01-5¹.

¹ G. Gibson (UniStar Nuclear Energy) to Document Control Desk (U.S. NRC) Letter UN#09-324, Response to RAI No. 54 and 55, Management and Technical Support Organization, RAI No. 59, Operating Organization, RAI No. 75, Fire Protection Program, and RAI No. 98, Initial Plant Test Program, dated July 21, 2009.

COLA Impact

The first two rows of FSAR Table 9.5-1 are being updated as follows:

Table 9.5-1-{Fire Protection Program Compliance with Regulatory Guide 1.189}

R.G. Section	Regulatory Guide 1.189 "C. Regulatory Position" ¹	Compliance ²	U.S. EPR Comment	CCNPP Unit 3 Supplement
C.1	Fire Protection Program	Compliance		The UniStar Nuclear Operating Services, LLC site organizational structure is represented in Figure 13.1-4. The key site specific positions for the FPP are identified in Section 9.5.1.6.2. The Fire Protection Program (FPP) is consistent with the requirements of Regulatory Guide 1.189 and SRP 9.5-1. Details of the FPP are provided in this COL application.
C.1.1	Organization, Staffing, and Responsibilities	Compliance		The FPP organization is shown in Figure 9.5-1. The responsibilities, lines of authority, training and qualifications by title/position are detailed in administrative procedures and the UniStar Nuclear Quality Assurance Program Description. The UniStar Nuclear Operating Services, LLC site organizational structure is represented in Figure 13.1-4. The key site specific positions for the FPP are identified in Section 9.5.1.6.2.