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10 CFR 50.4
10 CFR 52.79

December 17, 2009

UN#09-522

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. 177, Fire Protection Program

- References:
- 1) Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL RAI No 177 SBPA 3696," email dated October 2, 2009
 - 2) UniStar Nuclear Energy Letter UN#09-514, from Greg Gibson to Document Control Desk, U.S. NRC, Response to RAI No. 177, Fire Protection Program, dated December 8, 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 Energy, dated October 2, 2009 (Reference 1). This RAI addresses the Fire Protection Program, as discussed in Section 9.5.1 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 provided a December 18, 2009 schedule for the response for RAI 177, Question 09.05.01-13. Enclosure 1 provides our response to RAI 177, Question 09.05.01-13. Our response to RAI 177, Question 09.05.01-13 includes revised COLA content and does not include any new regulatory commitments. A Licensing Basis Document Change Request has been initiated to incorporate these changes into a future revision of the COLA.

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Enclosure 2 provides the redacted Sensitive Unclassified Non-Safeguards Information (SUNSI) related to the Question 09.05.01-13 response.

Enclosure 3 contains SUNSI information that UniStar Nuclear Energy is requesting the NRC to withhold from public disclosure in accordance with the requirements of 10 CFR 2.390.

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

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

Executed on December 17, 2009



Greg Gibson

- Enclosures:
- 1) Response to NRC Request for Additional Information, RAI No. 177, Question 09.05.01-13 Fire Protection Program, Calvert Cliffs Nuclear Power Plant, Unit 3
 - 2) Redacted Information Related to NRC Request for Additional Information, RAI No. 177, Question 09.05.01-13, Fire Protection Program, Calvert Cliffs Nuclear Power Plant, Unit 3
 - 3) Sensitive Unclassified Non-Safeguards Information Related to NRC Request for Additional Information, RAI No. 177, Question 09.05.01-13, 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