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10 CFR 50.4  
10 CFR 52.79

December 17, 2010

UN#10-312

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 280, Internal Flooding

Reference: Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL  
RAI 280 SBPB 5276" email dated December 3, 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 December 3, 2010 (Reference). This RAI addresses Internal Flooding, as discussed in Section 10.4.5 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.

UniStar Nuclear Energy requires additional time to finalize the response to RAI 280, Question 10.04.05-5. A response to this question will be provided to the NRC by March 31, 2011.

There are no regulatory commitments identified in this letter. This letter does not contain any proprietary or sensitive information.

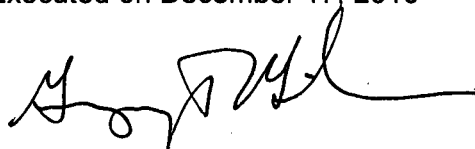
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UN#10-312  
Page 2

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 December 17, 2010

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

Greg Gibson

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  
Loren Plisco, Deputy Regional Administrator, NRC Region II  
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2  
U.S. NRC Region I Office

GTG/RDS/mdf