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10 CFR 50.4
10 CFR 52.79

January 29, 2010

UN#10-023

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. 103, Probable Maximum Surge and Seiche Flooding,
Questions 02.04.05-2 and 02.04.05-4

Reference: UniStar Nuclear Energy Letter UN#09-517, from Greg Gibson to Document
Control Desk, U.S. NRC, Response to Request for Additional Information for the
Calvert Cliffs Nuclear Power Plant, Unit 3, RAI No. 103, Probable Maximum
Surge and Seiche Flooding, Questions 02.04.05-2 and 02.04.05-4, dated
December 11, 2009

The purpose of this letter is to provide updated schedule information for the responses to Request for Additional Information (RAI) 103 Questions 02.04.05-2 and 02.04.05-4. These questions address Probable Maximum Surge and Seiche Flooding, as discussed in Section 2.4.5 of the Final Safety Analysis Report, as submitted in Part 2 of the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 Combined License Application (COLA), Revision 6.

The referenced letter anticipated that the responses would be provided by January 29, 2010. UniStar Nuclear Energy is performing an independent confirmation of the input parameters for the wave runup analyses associated with Regulatory Guide 1.59 "Design Bases Floods for Nuclear Power Plants. Accordingly, UniStar Nuclear Energy will provide responses to RAI 103 Questions 02.04.05-2 and 02.04.05-4 by March 31, 2010.

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

If there are any questions regarding this transmittal, please contact me at (410) 470-4205, or Mr. Michael J. Yox at (410) 470-6317.

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

Executed on January 29, 2010

A handwritten signature in black ink, appearing to read 'Greg Gibson', with a long horizontal line 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