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10 CFR 50.4
10 CFR 52.79

March 29, 2010

UN#10-087

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. 144, Other Seismic Category I Structures
RAI No. 145, Foundations

Reference: UniStar Nuclear Energy Letter UN#09-526, from Greg Gibson to Document
Control Desk, U.S. NRC, RAI No. 144, Other Seismic Category I Structures and
RAI No. 145, Foundations, dated December 29, 2009

The purpose of this letter is to provide updated schedule information for the responses to Request for Additional Information (RAI) 144 and RAI 145. RAI 144 and RAI 145 address "Other Seismic Category I Structures" and "Foundations," respectively.

The referenced letter anticipated that the responses would be provided by March 30, 2010. Based upon the finalization of the updated groundwater model and the results of groundwater pH monitoring, UniStar Nuclear Energy (UNE) has concluded that a liner/monitoring system (as previously anticipated in the Combined License Application (COLA)) will be required for the Nuclear Island. UNE is working with its partners to develop and finalize a schedule to complete the liner system design and incorporate that information into Final Safety Analysis Report (FSAR) Section 3.8 and the responses to questions in RAI sets 144 and 145. As such, a

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schedule for the submittal of responses to RAI 144 and 145 questions will be provided to the NRC on April 9, 2010.

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. Wayne A. Massie at (410) 470-5503.

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

Executed on March 29, 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