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10 CFR 50.4
10 CFR 52.79

May 28, 2010

UN#10-147

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016
Updated DVD to Support Response to Request for Additional Information for the
Calvert Cliffs Nuclear Power Plant, Unit 3,
RAI 229, Question 02.05.04-20, Stability of Subsurface Materials and
Foundations

Reference: UniStar Nuclear Energy Letter UN#10-139, from Greg Gibson to Document
Control Desk, U.S. NRC, Response to RAI 229, Stability of Subsurface Materials
and Foundations, dated May 20, 2010

The purpose of this letter is to provide an updated DVD to support the response to request for additional information (RAI) 229. RAI 229 addresses Stability of Subsurface Materials and Foundations, as discussed in Section 2.5.4 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 referenced letter provided our response to RAI 229, Question 02.05.04-20 and included six DVDs with bearing capacity and settlement calculations, as well as other requested computer files identified during the March 16-17, 2010 CCNPP Unit 3 site audit. The information provided on DVD 1 included electronic copies of requested calculations given in PDF format. However, the information did not meet the pre-flight requirements for electronic submittals.

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The enclosure provides an updated DVD 1 with the requested bearing capacity and settlement calculations. The enclosed DVD replaces DVD 1 previously provided in the referenced letter.

Our response does not include any new regulatory commitments and does not impact COLA content. This letter does not contain any sensitive or proprietary 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 May 28, 2010



Greg Gibson

Enclosure: Updated DVD 1 Containing Bearing Capacity and Settlement Calculations for 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

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Enclosure

**Updated DVD 1 Containing Bearing Capacity and Settlement Calculations for
Calvert Cliffs Nuclear Power Plant, Unit 3**