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10 CFR 50.4
10 CFR 52.79

August 17, 2009

UN#09-347

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 Nos. 130 and 134, Basic Geologic and Seismic Information

Reference: 1) John Rycyna (NRC) to Robert Poche (UniStar Nuclear Energy), "RAI No. 130
RGS 2821.doc" email dated July 28, 2009
2) John Rycyna (NRC) to Robert Poche (UniStar Nuclear Energy), "RAI No. 134
RGS 2961.doc" email dated August 5, 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 July 28, 2009 (Reference 1) and the RAI identified in the NRC e-mail correspondence to UniStar Nuclear Energy, dated August 5, 2009 (Reference 2). These RAIs address Basic Geologic and Seismic Information, as discussed in Section 2.5.1, Geology, Seismology, and Geotechnical Engineering, 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 5.

UniStar Nuclear Energy requires additional time to finalize the responses to the questions in RAI Nos. 130 and 134. These responses are being consolidated and FSAR Section 2.5.1 is being rewritten to incorporate them. The responses to the questions in the RAIs and the revised FSAR Section 2.5.1 will be provided to the NRC by October 2, 2009.

There are no regulatory commitments identified in this letter.

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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 August 17, 2009

A handwritten signature in black ink, appearing to read 'Greg Gibson', written in a cursive style.

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
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