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10 CFR 50.4
10 CFR 52.79

September 23, 2009

UN#09-395

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. 141 and RAI No. 142, Regional Climatology

References: 1) Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "RAI No 141 RSAC 2798.doc" email dated August 24, 2009
2) Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "RAI No 142 RSAC 2112.doc" email dated August 24, 2009

The purpose of this letter is to respond to the requests for additional information (RAIs) identified in the NRC e-mail correspondence to UniStar Nuclear Energy, dated August 24, 2009 (References 1 and 2). These RAIs address Regional Climatology, as discussed in Section 2.3.1 of the Final Safety Analysis Report, as submitted in Part 2 of the CCNPP Unit 3 Combined License Application (COLA), Revision 5.

UniStar Nuclear Energy requires additional time to finalize the response to RAI No. 141, Questions 02.03.01-14 through 02.03.01-16, and RAI No. 142, Questions 02.03.01-17 through 02.03.01-20. A response to these questions will be provided to the NRC by September 30, 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 September 23, 2009


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