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10 CFR 50.4
10 CFR 52.79

August 14, 2012

UN#12-084

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 365, Ultimate Heat Sink

- References:
- 1) Surinder Arora (NRC) to Paul Infanger (UniStar Nuclear Energy), "CCNPP3 - Final RAI 365 BPTS 6582," dated July 31, 2012.
 - 2) UniStar Nuclear Energy Letter UN#12-044, from Mark Finley to Document Control Desk, U.S. NRC, Response to Requests for Additional Information for the Calvert Cliffs Nuclear Power Plant, Unit 3: RAI 325, Information Systems Important to Safety, RAI 328, Flooding Protection Requirements, RAIs 287, 330, RAI 331, RAI 332, RAI 336, Ultimate Heat Sink, RAIs 333, 339, Other Seismic Category I Structures, RAI 337, Initial Plant Test Program – Design Certification and New License Applicants, and RAI 340, Functional Design Qualification and Inservice Testing Programs for Pumps, Valves, and Dynamic Restraints, dated May 18, 2012

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 31, 2012 (Reference 1). This RAI addresses the Ultimate Heat Sink, as discussed in Section 9.2.5 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 8.

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HRO

UniStar Nuclear Energy requires additional time to finalize the response to RAI 365 Question 09.02.05-30. The response to RAI 365 will be provided by December 20, 2012, consistent with the Ultimate Heat Sink (UHS) response schedule transmitted with Reference 2.

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) 369-1907, or Mr. Wayne A. Massie at (410) 369-1910.

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

Executed on August 14, 2012

A handwritten signature in black ink, appearing to read 'Mark T. Finley', written in a cursive style.

Mark T. Finley

cc: Surinder Arora, NRC Project Manager, U.S. EPR Projects Branch
Laura Quinn-Willingham, NRC Environmental Project Manager, U.S. EPR COL Application
Getachew Tesfaye, NRC Project Manager, U.S. EPR DC Application
Patricia Holahan, Acting Deputy Regional Administrator, NRC Region II
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2
David Lew, Deputy Regional Administrator, NRC Region I