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10 CFR 50.4
10 CFR 52.79

April 30, 2013

UN#13-058

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. 343, Seismic System Analysis

- References:
- 1) Surinder Arora (NRC) to Paul Infanger (UniStar Nuclear Energy), "CCNPP3 - Final RAI 343 SEB2 6471," dated May 14, 2012
 - 2) UniStar Nuclear Energy Letter UN#13-006, from Mark T. Finley to Document Control Desk, U.S. NRC, Updated RAI Closure Plan, dated January 30, 2013

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 May 14, 2012 (Reference 1). This RAI addresses Seismic System Analysis, as discussed in Section 3.7.2 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 9.

Reference 2 indicated that a response to RAI No. 343, Questions 03.07.02-71 through 03.07.02-74, would be provided to the NRC by April 30, 2013. Enclosure 1 provides our response to RAI No. 343, Questions 03.07.02-71 through 03.07.02-74, and includes revised COLA content. Enclosure 2 provides the COLA impact of the response to RAI No. 343, Questions 03.07.02-71 through 03.07.02-74. A Licensing Basis Document Change Request has been initiated to incorporate these changes into a future revision of the COLA.

DO96
NRC

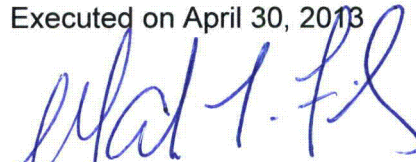
Enclosure 3 provides a table of changes to the CCNPP Unit 3 COLA associated with the RAI No. 343, Questions 03.07.02-71 through 03.07.02-74 response. As identified in the Enclosure 3 Table of Changes, this response modifies previously submitted RAI responses.

Our response does not include any new regulatory commitments. This letter and its enclosures do not contain any sensitive or proprietary 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 April 30, 2013



Mark T. Finley

- Enclosures:
- 1) Response to NRC Request for Additional Information RAI No. 343, Questions 03.07.02-71 through 03.07.02-74, Seismic System Analysis, Calvert Cliffs Nuclear Power Plant, Unit 3
 - 2) Changes to CCNPP Unit 3 COLA Associated with the Response to RAI No. 343, Questions 03.07.02-71 through 03.07.02-74, Calvert Cliffs Nuclear Power Plant, Unit 3
 - 3) Table of Changes to CCNPP Unit 3 COLA Associated with the Response to RAI No. 343, Questions 03.07.02-71 through 03.07.02-74, Calvert Cliffs Nuclear Power Plant, Unit 3

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