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10 CFR 50.4
10 CFR 52.79

June 30, 2010

UN#10-171

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. 118, Structural and Systems Engineering –
Inspections, Tests, Analyses, and Acceptance Criteria

References: 1) John Rycyna (NRC) to Robert Poche (UniStar Nuclear Energy),"
RAI No 118 SEB 2198.doc (Public)" email dated May 15, 2009

2) UniStar Nuclear Energy Letter UN#10-071, from Greg Gibson to Document
Control Desk, U.S. NRC, Submittal of Response to RAI No. 118,
Inspections, Tests, Analyses, and Acceptance Criteria, dated March 31,
2010

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 15, 2009 (Reference 1). This RAI addresses Structural and Systems Engineering - Inspections, Tests, Analyses, and Acceptance Criteria, as discussed in Appendix B of the Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC), as submitted in Part 10 of the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 Combined License Application (COLA), Revision 6.

Reference 2 indicated that the response to RAI 118, Question 14.03.02-2, Item G, Parts 2.b, 3, and 4 as they relate to waterproofing membranes would be provided by June 30, 2010.

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UniStar Nuclear Energy requires additional time to finalize responses to RAI No. 118, Question 14.03.02-2, Item G, Parts 2.b, 3, and 4 as they relate to waterproofing membranes. A response to RAI No. 118, Question 14.03.02-2, Item G, Parts 2.b, 3, and 4 will be provided by August 6, 2010.

Our response does not include any new regulatory commitments. 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 Massie at (410) 470-5503.

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

Executed on June 30, 2010

Christian Clement 
for 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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