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10 CFR 50.4
10 CFR 52.79

April 15, 2009

UN#09-198

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016
Submittal of Response to Request for Additional Information for the
Calvert Cliffs Nuclear Power Plant, Unit 3,
RAI No. 45, Question 07.01-A Appendix-1, Instrumentation and Control Systems
Required for safe Shutdown
RAI No. 66, Question 07.01-A Appendix-2, Post Accident Monitoring Variables

- References:
- 1) John Rycyna (NRC) to Robert Poche (UniStar Nuclear Energy), "RAI No. 45 ICE1 1499.doc (P)," email dated January 6, 2009
 - 2) John Rycyna (NRC) to Robert Poche (UniStar Nuclear Energy), "RAI No 66 ICE1 1549.doc (PUBLIC)," email dated February 19, 2009
 - 3) UniStar Nuclear Energy Letter UN#09-109, from Greg Gibson to Document Control Desk, U.S. NRC, Submittal of Response to RAI No. 45, Revision 0, Instrumentation and Control Systems Required for Safe Shutdown, dated February 13, 2009
 - 4) UniStar Nuclear Energy Letter UN#09-134, from Greg Gibson to Document Control Desk, U.S. NRC, Submittal of Response to RAI No. 66, Question 07.01-A Appendix-2, Post-Accident Monitoring Variables, dated March 23, 2009
 - 5) UniStar Nuclear Energy Letter UN#09-170, from Greg Gibson to Document Control Desk, U.S. NRC, Submittal of Response to RAI No. 45, Revision 0, Instrumentation and Control Systems Required for Safe Shutdown, dated March 27, 2009

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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 January 6, 2009 (Reference 1) and February 19, 2009 (Reference 2). These RAIs address Instrumentation and Control Systems Important to Safety, as discussed in Sections 7.0, 7.4 and 7.5 of the Final Safety Analysis Report, as submitted in Part 2 of the Calvert Cliffs Nuclear Power Plant, Unit 3 Combined License Application, Revision 4.

References 1 and 2 requested UniStar Nuclear Energy to respond to the RAIs within 30 days. In the UniStar Nuclear Energy letter dated February 13, 2009 (Reference 3) it was stated that a response to RAI 45, Question 07.01-A Appendix-1 would be provided by March 30, 2009. In the UniStar Nuclear Energy letter dated March 23, 2009 (Reference 4) it was stated that a response to RAI 66, Question 07.01-A Appendix -2 would be provided by April 17, 2009. In the UniStar Nuclear Energy letter dated March 27, 2009 (Reference 5) it was stated that a response to RAI 45, Question 07.01-A Appendix-1 would be provided by April 17, 2009. UniStar Nuclear Energy requires additional time to obtain information from its vendors that is required to finalize the responses to these questions. A response to Question 07.01-A Appendix-1 and Question 07.01-A Appendix-2 will be provided to the NRC by May 18, 2009.

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 April 15, 2009



Greg Gibson

cc: John Rycyna, NRC Project Manager, U.S. EPR COL Application
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