

Greg Gibson
Vice President, Regulatory Affairs

750 East Pratt Street, Suite 1600
Baltimore, Maryland 21202



10 CFR 50.4
10 CFR 52.79

October 19, 2009

UN#09-438

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. 158, Question 03.07.01-12, Seismic Design Parameters
RAI No. 159, Questions 03.07.02-30 and 03.07.02-31, Seismic System Analysis

References: 1) Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL RAI
No. 158 SEB2 3253" email dated September 18, 2009
2) Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL RAI
No. 159 SEB2 3254" email dated September 18, 2009

The purpose of this letter is to respond to the requests for additional information (RAIs) identified in NRC e-mail correspondence to UniStar Nuclear Energy, dated September 18, 2009 (References 1 and 2). These RAIs address Seismic Design Parameters and Seismic System Analysis, as discussed in Section 3.7 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 6.

UniStar Nuclear Energy requires additional time to finalize the responses to RAI No. 158, Question 03.07.01-12 and RAI No. 159 Questions 03.07.02-30 and 03.07.02-31. A response to

DO96
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UN#09-438
October 19, 2009
Page 2

RAI No. 158, Question 03.07.01-12 and the responses to RAI No. 159 Questions 03.07.02-30 and 03.07.02-31 will be provided to the NRC by December 29, 2009.

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) 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 October 19, 2009

A handwritten signature in black ink, appearing to read 'Greg Gibson', with a long horizontal line extending to the right.

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