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UniStar
NUCLEAR ENERGY

10 CFR 50.4
10 CFR 52.79

September 27, 2010

UN#10-248

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

Subject: UniStar Nuclear Energy, NRC Docket No. 52-016
Ultimate Heat Sink Makeup Water Intake Structure and Response to Request for Additional Information for the Calvert Cliffs Nuclear Power Plant, Unit 3, RAI 253, System Analysis

Reference:
1) Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL RAI No 253 SEB2 4788" email dated July 12, 2010

2) UniStar Nuclear Energy Letter UN#10-221 from Greg Gibson to Document Control Desk, U.S. NRC, Response to Request for Additional Information for the Calvert Cliffs Nuclear Power Plant, Unit 3, RAI 252, Seismic Design Parameters, and RAI 253, Seismic System Analysis, dated August 11, 2010

3) UniStar Nuclear Energy Letter UN#10-226 from Greg Gibson to Document Control Desk, U.S. NRC, Impact of U.S. EPR FSAR RAI Responses on CCNPP Unit 3 FSAR Section 3.7, dated August 12, 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 July 12, 2010 (Reference 1). This RAI addresses 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.

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Reference 2 stated that UniStar Nuclear Energy would provide responses to RAI 253 Question 03.07.02-42 through Question 03.07.02-53 by October 28, 2010.

Reference 3 notified the NRC that UniStar Nuclear Energy intends to separately transmit a COLA change that reorients the Ultimate Heat Sink (UHS) Electrical Building and equipment to a location on top of the UHS Makeup Water Intake Structure by October 22, 2010.

UniStar Nuclear Energy requires additional time to complete the COLA markup to support the UHS reorientation and to prepare responses to the associated RAI 253 questions. The COLA changes and responses to RAI 253 Questions 03.07.02-42, 43, 44, 47, 50, 51, 52, and 53 will be provided by November 16, 2010.

As previously communicated in Reference 3, responses to RAI 253 Questions 03.07.02-45, 46, 48 and 49 will be provided by March 31, 2011 as part of the seismic reconciliation of FSAR Section 3.7 with the U.S. EPR FSAR.

UniStar Nuclear Energy also requests that a public meeting be scheduled prior to the scheduled submittal of COLA changes for the UHS Makeup Water Intake Structure. The agenda for this meeting is to present details of the reorientation.

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. Wayne A. Massie at (410) 470-5503.

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

Executed on September 27, 2010

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

GTG/SJS/mdf