

Greg Gibson
Vice President, Regulatory Affairs

750 East Pratt Street, Suite 1600
Baltimore, Maryland 21202



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January 20, 2011

UN#11-011

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 283, Auxiliary Cooling Water System

Reference: Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL
RAI 283 SBPA 5285" email dated December 22, 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 December 22, 2010 (Reference). This RAI addresses Auxiliary Cooling Water System, as discussed in Section 9.2.10 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 7.

The enclosure provides our response to RAI 283, Question 09.02.02-1, and includes revised COLA content. A Licensing Basis Document Change Request has been initiated to incorporate these changes into a future revision of the COLA.

Our response does not include any new regulatory commitments. This letter does not contain any sensitive or proprietary information.

DOGL
NRD

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 January 20, 2011

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

Greg Gibson

Enclosure: Response to NRC Request for Additional Information RAI 283, Question 09.02.02-1, Auxiliary Cooling Water System, Calvert Cliffs Nuclear Power Plant, Unit 3

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 (w/o enclosure)
Loren Plisco, Deputy Regional Administrator, NRC Region II (w/o enclosure)
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2
U.S. NRC Region I Office

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Enclosure

**Response to NRC Request for Additional Information
RAI 283, Question 09.02.02-1, Auxiliary Cooling Water System,
Calvert Cliffs Nuclear Power Plant, Unit 3**

RAI 283

Question 09.02.02-1

EPR RAI 375 Supplement 4 response for Q9.2.2-105 added Tier 2 FSAR Section 9.2.10, "Turbine Building Closed Cooling Water System," which will be incorporated into Revision 3 of the EPR FSAR.

The COL applicant should address this new section in their COL application.

Response

U.S. EPR FSAR Section 9.2.10 will be incorporated by reference into the CCNPP Unit 3 COLA.

COLA Impact

FSAR Section 9.2 is being updated with the addition of Section 9.2.10 as follows:

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9.2.9.7 References

CFR, 2008. Control of Releases of Radioactive Materials to the Environment, Title 10, Code of Federal Regulations, Part 50, Appendix A, General Design Criterion 60, U. S. Nuclear Regulatory Commission, 2008.}

9.2.10 Turbine Building Closed Cooling Water System

No departures or supplements.