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10 CFR 50.4
10 CFR 52.79

July 29, 2010

UN#10-208

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 245, Emergency Planning

- References:
- 1) Surinder Arora (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL RAI 245 NSIR EP 4652" email dated May 19, 2010
 - 2) UniStar Nuclear Energy Letter UN#10-151, from Greg Gibson to Document Control Desk, U.S. NRC, RAI 245, Emergency Planning, dated June 17, 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 19, 2010 (Reference 1). This RAI addresses Emergency Planning, as submitted in Part 5 of the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 Combined License Application (COLA), Revision 6.

Reference 2 provided a schedule for the expected response date for Question 13.03-41. The enclosure provides our response to RAI 245, Question 13.03-41, 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.

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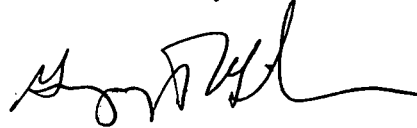
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Our response does not include any new regulatory commitments. This letter does not contain any sensitive or proprietary information.

If there are any questions regarding this transmittal, please contact me at (410) 470-4205, or Mr. Wayne A. Massie at (410) 470-5503.

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

Executed on July 29, 2010

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 No. 245, Question 13.03-41, Emergency Planning, 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

GTG/RM/jdc

Enclosure

**Response to NRC Request for Additional Information, RAI No. 245,
Question 13.03-41, Emergency Planning,
Calvert Cliffs Nuclear Power Plant, Unit 3**

RAI 245

Question 13.03-41

In RAI 13.03-13(D), staff requested the names, locations and a discussion of the services each "other Licensee and contracted laboratory" will provide and include a summary in the CCNPP Unit 3 Emergency Plan. The applicant provided information regarding the location, availability and capabilities of onsite and offsite laboratories and stated that Section B.8.d will be revised to include that information. If the "Laboratory Services Section" is an independent laboratory that is not part of the applicant's organization, provide a Letter of Agreement with the "Laboratory Services Section", or explain why one is not necessary.

Response

The "Laboratory Services Section" is an organization within the technical services department of Constellation Power, Inc.

As described in our response to RAI 13.03-7(C)¹, COLA Part 10, Table 2.3-1, was supplemented with an ITAAC to acquire the final and complete Letters of Agreement (LOA) developed between Federal, State, and local agencies and other support organizations having an emergency response role within the Emergency Planning Zones (as defined in Appendix 3 of the Emergency Plan). The Letters of Agreement are required to be submitted to the NRC no less than 180 days prior to fuel load.

The list of Letters of Agreement contained in COLA Part 5, Emergency Plan, Part III, Appendix 3, is being revised to include the Letter of Agreement between Constellation Power, Inc. and CCNPP Unit 3. The letter of agreement will include the use of the Fort Smallwood Road Shops Complex for provision of the services described in our response to RAI 13.03-13(D).¹

COLA Impact

COLA Part 5, Emergency Plan, Part III, Appendix 3 is being revised as follows:

Appendix 3: Letters of Agreements (Certification Letters)

Letters of agreement (Certification Letters) have been established with the following support organizations:

1. {Calvert County Volunteer Fire & Rescue Association
2. Calvert Memorial Hospital
3. Attending Physicians
4. Delaware Geological Survey, University of Delaware

¹ G. Gibson (UniStar Nuclear Energy) to Document Control Desk (NRC), Letter UN#09-446, "Response to RAI No. 155, Emergency Planning," dated November 19, 2009.

5. St. Leonard Volunteer Fire Department and Rescue Squad
6. Solomon's Island Fire and Rescue
7. Calvert County Sheriff's Office
8. Maryland State Police}
9. Memorandum of Understanding Regarding Communications Between Cove Point LNG Plant and {Calvert Cliffs Nuclear Power Plant}
10. Constellation Power, Inc.}