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10 CFR 50.4
10 CFR 52.79

May 27, 2011

UN#11-155

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. 177, Fire Protection Program

- References
- 1) UniStar Nuclear Energy Letter UN#11-147, from Greg Gibson to Document Control Desk, U.S. NRC, Response to RAI No. 177, Fire Protection Program, dated April 28, 2011
 - 2) UniStar Nuclear Energy Letter UN#10-272, from Greg Gibson to Document Control Desk, U.S. NRC, Response to RAI No. 177, Fire Protection Program, dated October 22, 2010

The purpose of this letter is to provide updated schedule information for the response to Request for Additional Information (RAI) 177, Question 09.05.01-14. RAI 177 addresses the Fire Protection Program, as discussed in Section 9.5 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.

RAI 177, Question 09.05.01-14, requested clarification of the turbine building fire barrier design. The design requirements for these fire barriers were described in our response to this question (Reference 2) and it was stated that FSAR Figures 9B-1 through 9B-9 would be updated accordingly. In Reference 1, UniStar Nuclear Energy (UNE) proposed a May 27, 2011 date to provide a schedule for submittal of the updated figures. These figures identify fire barrier ratings and locations for the turbine building.

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The design of the turbine building is not yet finalized and will evolve as detailed design of the plant progresses. As part of the detailed design process it is expected that features of the turbine building such as wall and equipment locations and room dimensions will likely change.

Due to the changes that may be expected to occur to the design of the turbine building that would affect FSAR Figures 9B-1 through 9B-9, and the fact that these changes would necessitate further revision of these figures, updating FSAR Figures 9B-1 through 9B-9 at this time would not be prudent. UNE therefore requests that update of FSAR Figures 9B-1 through 9B-9 and incorporation of these figures into the COLA be identified as an SER Open Item for RAI Question 09.05.01-14.

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 May 27, 2011

A handwritten signature in black ink, appearing to read 'Greg Gibson', with a long horizontal flourish 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
Charles Casto, Deputy Regional Administrator, NRC Region II
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2
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