

~~SAFEGUARDS INFORMATION~~

Greg Gibson
Senior Vice President, Regulatory Affairs

750 East Pratt Street, Suite 1600
Baltimore, Maryland 21202



10 CFR 50.4
10 CFR 52.3
10 CFR 52.79
10 CFR 73.21

March 31, 2011

UN#11-102

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 272 Physical Security – Combined License, and Application for Withholding
of Documents

- References:
- 1) James Steckel (NRC) to Robert Poche (UniStar Nuclear Energy), "FINAL RAI 272 RSPLB 5168" email dated November 2, 2010
 - 2) Greg Gibson to Document Control Desk, Response to Request for Additional Information for the Calvert Cliffs Nuclear Power Plant, Unit 3, RAI 272, Physical Security – Combined License, UN#10-296, dated November 23, 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 November 2, 2010 (Reference 1). This RAI addresses Physical Security – Combined License, as submitted in Parts 2, 7, 9, and 11 of the Calvert Cliffs Nuclear Power Plant (CCNPP) Unit 3 Combined License Application (COLA), Revision 7.

Enclosure 2 to this letter contains "SAFEGUARDS INFORMATION" and must be controlled per 10 CFR 73.21. Upon removal of Enclosure 2, this letter and Enclosure 1 are "decontrolled." Enclosure 3 contains Security-related Information and must be withheld from disclosure under 10 CFR 2.390.

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UniStar Nuclear Energy provided a March 31, 2011 schedule for the response to RAI No. 272, Questions 13-06.01-16 through 13-06.01-22 in Reference 2. Enclosures 1, 2, and 3 provide our response to RAI No. 272, Questions 13-06.01-16, 13-06.01-17, 13-06.01-18, 13-06.01-21, and 13-06.01-22, and includes revised COLA content. Enclosure 2 contains Safeguards Information in response to Question 13.0.01-21. A Licensing Basis Document Change Request has been initiated to incorporate these changes into a future revision of the COLA.

COLA Revision 7 contains no Restricted Data or defense information requiring separation in accordance with 10 CFR 50.33(j). Part 9 of COLA Revision 7 contains certain SUNSI and security-related information that UniStar Nuclear Energy is requesting the NRC to withhold from public disclosure in accordance with the requirements of 10 CRR 2.390.

UniStar Nuclear Energy requires additional time to finalize responses to RAI No. 272, Questions 13-06.01-19 and 13-06.01-20. The CCNPP Unit 3 Security Assessment is being revised to address those questions. The Security Assessment will include an appendix that will provide a revision to the target sets. The target sets are also being revised to address the recently issued Regulatory Guide 5.81 "Target Set Identification and Development for Nuclear Power Reactors," dated November 2010, and further guidance received during the December 9, 2010 NEI/NRC Workshop on Regulatory Guide 5.81.

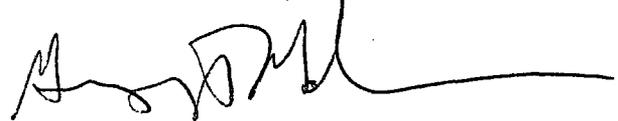
The revised CCNPP Unit 3 target sets will be incorporated as an appendix into the next CCNPP Unit 3 Security Assessment revision. The next revision of the Security Assessment will be submitted with a complete response to RAI 272 Questions 13.06.01-19 and 13-06.01-20 on July 29, 2011.

There are no regulatory commitments identified in this letter. Enclosure 2 in its entirety contains Safeguards Information. Enclosure 3, in its entirety contains Security-Related Information that UniStar Nuclear Energy requests be withheld from public disclosure in accordance with the requirements of 10 CFR 2.390.

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 March 31, 2011

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

Greg Gibson

Enclosure 1
Page 3

- Enclosures:
- 1) Response to NRC Request for Additional Information, RAI No. 272, Questions 13-06.01-16, 13-06.01-17, 13-06.01-18, and 13-06.01-22, Physical Security, Calvert Cliffs Nuclear Power Plant, Unit 3
 - 2) Safeguards Information Supplement to Response to NRC Request for Additional Information RAI No. 272, Question 13-06.01-21, Physical Security, Calvert Cliffs Nuclear Power Plant, Unit 3
 - 3) Security-Related Information Supplement to Response to NRC Request for Additional Information. RAI No. 272, Question 13-06.01-18, Physical Security, 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
Charles Casto, Deputy Regional Administrator, NRC Region II
Silas Kennedy, U.S. NRC Resident Inspector, CCNPP, Units 1 and 2
U.S. NRC Region I Office