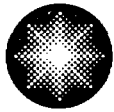


# SAFEGUARDS INFORMATION

**George Vanderheyden**  
Vice President  
Calvert Cliffs Nuclear Power Plant  
Constellation Generation Group, LLC

1650 Calvert Cliffs Parkway  
Lusby, Maryland 20657  
410.495.4455  
410.495.3500 Fax



**Constellation Energy**

September 2, 2004

U. S. Nuclear Regulatory Commission  
Washington, DC 20555

**ATTENTION:** Document Control Desk

**SUBJECT:** Calvert Cliffs Nuclear Power Plant  
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318  
Amended Supplemental Response to the April 29, 2003 Orders to Calvert Cliffs  
Nuclear Power Plant, Inc. Re: Design Basis Threat Order EA-03-086

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The Nuclear Regulatory Commission ("NRC") issued an Order dated April 29, 2003, requiring compliance with Revised Design Basis Threat ("Order EA-03-086" or "Order") and other security related Orders (collectively "Orders") for the Calvert Cliffs Nuclear Power Plant ("CCNPP"), Units 1 and 2. By letter dated April 29, 2004 (Reference a) Calvert Cliffs Nuclear Power Plant, Inc. ("CCNPPI"), submitted its Supplemental Response to Order EA-03-086. Our Supplemental Response (Reference a) included, as Attachment A, revisions to the CCNPP Physical Security Plan, Safeguards Contingency Plan, and the Training and Qualification Plan ("Plans") as required by Order EA-03-086.

Subsequent to the submittal of our Supplemental Response, we received several Requests for Additional Information (RAIs) from the NRC (References b, c, d, and e). We responded to those RAIs (References f, g, h, and i, respectively) within the time frames specified.

We are submitting this Amendment to our Supplemental Response pursuant to 10 CFR 50.4 to facilitate the NRC's review of our revised plans. Our Supplemental Response is amended via the Enclosure to this letter only. The Enclosure to this letter incorporates our RAI responses (References f, g, h, and i). The Enclosure to this letter also incorporates the final disposition of the three open generic RAIs which were previously submitted to the Security Frequently Asked Questions Panel, regarding Section 3 of the Physical Security Plan "Performance Evaluation Program," and two definitions in Appendix A to the Physical Security Plan "Glossary of Terms and Acronyms." Finally, the Enclosure to this letter also incorporates the Security Plan Template (NEI-03-12) changes which were issued subsequent to the end of our RAI response period. All other information provided in our Supplemental Response remains unchanged and is therefore unaffected by this Amendment.

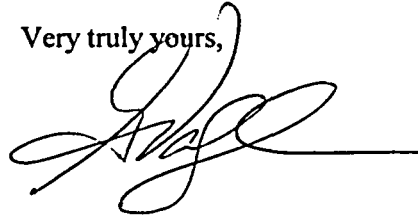
This cover letter is not subject to protective requirements. The enclosure is subject to safeguards information protection according to 10 CFR 73.21. Upon separation from the enclosure, this cover letter is to be considered DECONTROLLED.

# SAFEGUARDS INFORMATION

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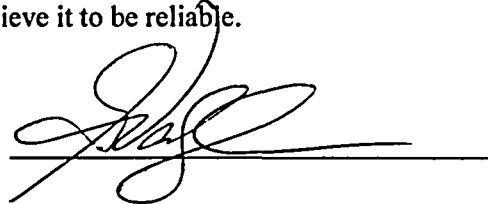
Should you have questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,



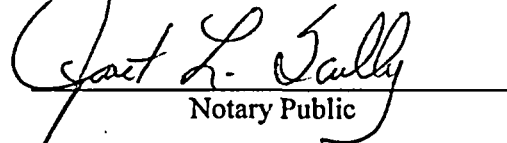
STATE OF MARYLAND :  
: TO WIT:  
COUNTY OF CALVERT :

I, George Vanderheyden, being duly sworn, state that I am Vice President - Calvert Cliffs Nuclear Power Plant, Inc. (CCNPPI), and that I am duly authorized to execute and file this response on behalf of CCNPPI. To the best of my knowledge and belief, the statements contained in this document are true and correct. To the extent that these statements are not based on my personal knowledge, they are based upon information provided by other CCNPPI employees and/or consultants. Such information has been reviewed in accordance with company practice and I believe it to be reliable.



Subscribed and sworn before me, a Notary Public in and for the State of Maryland and County of St. Mary's, this 2<sup>nd</sup> day of September, 2004.

WITNESS my Hand and Notarial Seal:

  
Notary Public

My Commission Expires:

GV/ALS/bjd

March 25, 2007  
Date

cc: (Without Enclosure)  
J. M. Petro, Esquire  
M. J. Wetterhahn, Esquire  
R. V. Guzman, NRC  
S. J. Collins, NRC

Resident Inspector, NRC  
R. I. McLean, DNR  
J. E. Dyer, NRC  
R. P. Zimmerman, NRC

**REFERENCES:**

- (a) Letter from Mr. G. Vanderheyden (CCNPP) to Document Control Desk (NRC), dated April 29, 2004, Supplemental Response to April 29, 2003 Orders to Calvert Cliffs Nuclear Power Plant, Inc.
- (b) Letter from Mr. B. Benney (NRC) to Mr. G. Vanderheyden (CCNPP), dated June 21, 2004, Calvert Cliffs Nuclear Power Plant, Units 1 and 2-Request for Additional Information Re: Security Plan Sections 10-19 (TAC Nos. MC2900 and MC2901)
- (c) Letter from Mr. B. Benney (NRC) to Mr. G. Vanderheyden (CCNPP), dated June 24, 2004, Calvert Cliffs Nuclear Power Plant, Units 1 and 2-Request for Additional Information Re: Security Plan Sections 1-9 (TAC Nos. MC2895 and MC 2896)
- (d) Letter from Mr. B. Benney (NRC) to Mr. G. Vanderheyden (CCNPP), dated July 9, 2004, Calvert Cliffs Nuclear Power Plant, Units 1 and 2-Request for Additional Information Re: Training and Qualification Plan (TAC Nos. MC 2900 and MC2901)
- (e) Letter from Mr. B. Benney (NRC) to Mr. G. Vanderheyden (NRC), dated July 23, 2004, Calvert Cliffs Nuclear Power Plant Units 1 and 2 – Request for Additional Information Re: Safeguards Contingency Plan and Section 9.4.1 of the Physical Security Plan (TAC Nos. MC2900 and MC2901)
- (f) Letter from Mr. G. Vanderheyden (CCNPP) to Document Control Desk (NRC), dated July 1, 2004, Response to Request for Additional Information Re: Security Plan Sections 10-19
- (g) Letter from Mr. K. J. Nietmann (CCNPP) to Document Control Desk (NRC), dated July 6, 2004, Response to Request for Additional Information Re: Security Plan Sections 1-9
- (h) Letter from Mr. G. Vanderheyden (CCNPP) to Document Control Desk (NRC), dated July 27, 2004, Response to Request for Additional Information Re: Training and Qualification Plan (TAC Nos. MC2900 and MC2901)
- (i) Letter from Mr. K. J. Nietmann (CCNPP) to Document Control Desk (NRC), dated August 6, 2004, Response to Request for Additional Information Re: Safeguards Contingency Plan and Section 9.4.1 of the Physical Security Plan (TAC Nos. MC2900 and MC2901); Supplemental Response to Security Frequently Asked Questions Re: Physical Security Plan, Sections 1-19

Contact:

Name	V. L. Williams
Mailing Address	Calvert Cliffs Nuclear Power Plant, Inc. 1650 Calvert Cliffs Parkway Lusby, MD 20657
Email Address	<a href="mailto:vince.l.williams@constellation.com">vince.l.williams@constellation.com</a>
Phone Number	410-495-2484

Contents of Enclosure (CD-Rom)

Cover Letter, Amended Supplemental Response to the April 29, 2003 Orders to Calvert Cliffs Nuclear Power Plant, Inc. Re: Design Basis Threat Order EA-03-086 (001 Cover.pdf; 512 KB; publicly available)

Attachments

- A Calvert Cliffs Nuclear Power Plant Security Plan, Training and Qualification Plan, Safeguards Contingency Plan, and Independent Spent Fuel Storage Installation Security Program, Revision 0 (002 Attachment A.pdf; 349 KB; Safeguards Information)
- A1 Calvert Cliffs Nuclear Power Plant Security Plan Attachment 1 (003 Attachment A1.pdf; 2.48 MB; Safeguards Information)
- A2 Calvert Cliffs Nuclear Power Plant Security Plan Attachment 2 (004 Attachment A2.pdf; 377 KB; Safeguards Information)
- A3, Sh1 Calvert Cliffs Nuclear Power Plant Security Plan Attachment 3, Sheet 1 (005 Attachment A3Sh1.pdf; 517 KB; Safeguards Information)
- A3, Sh2 Calvert Cliffs Nuclear Power Plant Security Plan Attachment 3, Sheet 2 (006 Attachment A3Sh2.pdf; 194 KB; Safeguards Information)