

~~OFFICIAL USE ONLY - SECURITY-RELATED INFORMATION~~

September 3, 2010

Mr. George H. Gellrich, Vice President  
Calvert Cliffs Nuclear Power Plant, LLC  
Constellation Energy Nuclear Group, LLC  
1650 Calvert Cliffs Parkway  
Lusby, MD 20657-4702

SUBJECT: CALVERT CLIFFS NUCLEAR POWER PLANT - NRC MATERIAL CONTROL  
AND ACCOUNTING PROGRAM INSPECTION REPORT NO.  
05000317/2010403 AND 05000318/2010403

Dear Mr. Gellrich:

On August 12, 2010, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Calvert Cliffs Nuclear Power Plant (CCNPP). The inspection covered one of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report documents the inspection results, which were discussed on August 12, 2010, with Ms. Jeanne Shobert, Manager, Fleet Nuclear Fuels, and other members of your staff.

The inspection examined activities conducted under your licenses as they relate to security and compliance with the Commission's rules and regulations and with the conditions of your licenses. The inspector reviewed selected procedures and records, observed activities, and interviewed personnel.

Based on the results of this inspection, no findings were identified.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room). However, because of the security-related information contained in the enclosure, and in accordance with 10 CFR 2.390, a copy of this letter's enclosure will not be available for public inspection.

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Sincerely,

**/RA/**

Raymond J. Powell, Chief  
Technical Support and Assessment Branch  
Division of Reactor Projects

Docket Nos: 50-317, 50-318  
License Nos: DPR-53, DPR-69

Nonpublic Enclosure: NRC Inspection Report 05000317/2010403 and 05000318/2010403  
w/Attachment: Supplemental Information  
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D. Bartnick, Director, Nuclear Security  
A. Lauland, Director, Homeland Security Advisor, Maryland  
S. Wilson, Secretary, Maryland Department of Environment

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Sincerely,

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Raymond J. Powell, Chief  
Technical Support and Assessment Branch  
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