



# Constellation Energy

May 25, 2004  
NMP1L 1836

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555-0001

**Subject:** Calvert Cliffs Nuclear Power Plant  
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318  
Independent Fuel Storage Installation Facility; Docket No. 72-8  
Nine Mile Point Nuclear Station  
Unit Nos. 1 & 2; Docket Nos. 50-220 & 50-410  
Use of Encryption Software for Electronic Transmission of Safeguards  
Information

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**Reference:** 1. Letter from Ms. D. M. Skay, NRR, to Mr. M. J. Wallace, CGG, dated August 2, 2002, Use of Protected Telecommunications for Transmission of Safeguards Information Re: Calvert Cliffs Nuclear Power Plant, Unit Nos. 1 & 2, and Nine Mile Point Nuclear Station, Unit Nos. 1 & 2 (TAC Nos. MB5586, MB5587, MB5588, and MB5589)

Reference 1 granted approval for Constellation Generation Group, LLC (CGG) to use the Privatel Model 960v telephone security device and Pretty Good Privacy (PGP) software for the purpose of electronically transmitting Safeguards Information (SGI) between its two plant sites, Calvert Cliffs Nuclear Power Plant (CCNPP) and Nine Mile Point Nuclear Station (NMPNS). Constellation Generation Group, LLC hereby requests approval to employ the Privatel 960v and PGP Software (Enterprise, Corporate, or Personal) Desktop Version 8.0, or the latest version validated by the National Institute of Standards and Technology as meeting the criteria of Federal Information Processing Standard 140-2, to exchange SGI with the Nuclear Regulatory Commission (NRC), Nuclear Energy Institute (NEI), and other SGI holders who have received NRC approval to use PGP software.

An information protection system for SGI that meets the requirements of 10 CFR 73.21(b) through (i) has been established and is being maintained. Prior to the first use of encryption software for SGI material, written procedures shall be in place to describe, as a minimum: access controls; where and when encrypted communications can be made; how encryption keys, codes and passwords will be protected from compromise; actions to be taken if the encryption keys, codes or passwords are, or are suspected to have been, compromised (for example, notification of all authorized users); and how the identity and access authorization of the recipient will be verified.

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In accordance with facility procedures, the Safeguards Information Coordinators are responsible for overall implementation of the SGI Program at CCNPP and NMPNS and are primarily responsible for ensuring software tools needed for encryption and decryption of SGI are appropriately collected, safeguarded, and disseminated.

Pursuant to 10 CFR 73.21(g)(3), the transmission of encrypted material to other authorized SGI holders, who have received NRC approval to use PGP software, would be considered a protected telecommunications system. The transmission and dissemination of unencrypted SGI is subject to the provisions of 10 CFR 73.21(g)(1) and (2).

Should you have any questions or require additional information, please contact Vince Williams, CCNPP Safeguards Information Coordinator, at (410) 495-2484 or Dennis Pierce, NMPNS Safeguards Information Coordinator, at (315) 349-2739.

Sincerely,



Gary L. Detter  
CGG Manager Security and Emergency  
Preparedness

cc: Mr. H. J. Miller, NRC Regional Administrator, Region I  
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