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Vice President - Nuclear

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Docket Number 50-346  
License Number NPF-3  
Serial Number 3058

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United States Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555-0001

References: 1. 10 CFR 73.21  
2. NRC Regulatory Issue Summary 2002-15

Subject: Use of Encryption Software for Electronic Transmission of Safeguards Information

Ladies and Gentlemen:

Pursuant to the requirements of 10 CFR 73.21(g)(3), the FirstEnergy Nuclear Operating Company (FENOC) requests approval to process and transmit Safeguards Information (SGI) at the Davis-Besse Nuclear Power Station (DBNPS) using PGP Software (Enterprise, Corporate, or Personal) Desktop Version 8.0 or the latest validated version, developed with PGP SDK 3.0.3. National Institute of Standards and Technology Certificate 394 validates compliance of this SDK with Federal Information Processing Standard (FIPS) 140-2 requirements.

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.

FENOC intends to exchange SGI with the NRC, Nuclear Energy Institute (NEI), and other SGI holders who have received NRC approval to use PGP software. Mr. Alan R. Schumaker, Nuclear Security Support Supervisor, is responsible for the overall implementation of the SGI encryption program at the DBNPS. Mr. Gary L. Garrett, FENOC Information Technology Business Systems Manager, is responsible for collecting, safeguarding, and disseminating the software tools needed for encryption and decryption of SGI for FENOC.

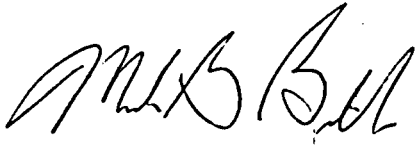
Pursuant to 10 CFR 73.21(g)(3), the transmission of encrypted material to other authorized SGI holders, who have received NRC approval to use PGP software, would be considered a protected telecommunications system. The transmission and dissemination of unencrypted SGI is subject to the provisions of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

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Should you have any questions or require additional information, please contact Mr. Schumaker at 419-249-2348.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark B. Bezilla', with a checkmark to the right of the signature.

Mark B. Bezilla  
Vice President, Nuclear

GMW/s

Attachment 1: Commitment List

cc: James L. Caldwell, Regional Administrator, NRC Region III  
Jon B. Hopkins, DB-1 Senior NRC/NRR Project Manager  
C. Scott Thomas, DB-1 Senior NRC Resident Inspector  
Scott Morris, NRC/NISR  
Lynn Silvius, NRC/NSIR  
Louis Grosman, NRC/OCIO  
James Davis, NEI  
Utility Radiological Safety Board

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### COMMITMENT LIST

The following list identifies those actions committed to by the Davis-Besse Nuclear Power Station in this document. Any other actions discussed in the submittal represent intended or planned actions by Davis-Besse. They are described only as information and are not regulatory commitments. Please notify the Manager – Regulatory Affairs (419-321-8450) at Davis-Besse of any questions regarding this document or associated regulatory commitments.

#### COMMITMENTS

Implement written procedures 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.

#### DUE DATE

Prior to the first use of encryption software for SGI material