

September 6, 2002

Mr. Terry C. Morton  
Manager  
Performance Evaluation and  
Regulatory Affairs CPB 7  
Carolina Power & Light Company  
Post Office Box 1551  
Raleigh, North Carolina 27602-1551

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2; SHEARON HARRIS  
NUCLEAR POWER PLANT, UNIT 1; H. B. ROBINSON STEAM ELECTRIC  
PLANT, UNIT 2; CRYSTAL RIVER, UNIT 3 - USE OF PROTECTED  
TELECOMMUNICATIONS FOR TRANSMISSION OF SAFEGUARDS  
INFORMATION (TAC NOS. MB5820, MB5821, MB5822, MB5823, AND MB5824)

Dear Mr. Morton:

By letter dated July 24, 2002, you requested approval in accordance with 10 CFR 73.21(g)(3), to use protected telecommunications for the transmission of Safeguards Information among your four plants and your corporate offices in Raleigh, North Carolina. You requested approval for the use of Privatel Model 960v from L-3 Communications Systems.

On July 17, 1995, the National Institute of Standards and Technology (NIST) established the Cryptographic Module Validation Program (CMVP) that validates cryptographic modules to Federal Information Processing Standard (FIPS) 140-1 (Security Requirements for Cryptographic Modules), and other FIPS cryptography based standards. The CMVP is a joint effort between NIST and the Communications Security Establishment (CSE) of the Government of Canada. Products validated as conforming to FIPS 140-1 are accepted by the Federal agencies of both countries for the protection of sensitive information. Vendors of cryptographic modules use independent accredited testing laboratories to test their modules. NIST's Computer Security Division and CSE jointly serve as the validation authorities for the program validating the test results. Currently, there are four National Voluntary Laboratory Accreditation Program accredited laboratories that perform FIPS 140-1 compliance testing, three in the U.S. and one in Canada. The Secretary of Commerce has made FIPS 140-1 mandatory and binding for U.S. Federal agencies and organizations. The standard is specifically applicable when a Federal agency determines that cryptography is necessary for protecting sensitive information. This protection involves situations where products containing a cryptographic module are used when designing, acquiring, and implementing cryptographic-based security systems. FIPS 140-1 is applicable if the module is incorporated in a product or application, or functions as a stand-alone device.

The Privatel Model 960v is validated to FIPS 140-1 and is Number 108 on the Cryptographic Modules Validation List. Therefore, the use of this product would be an acceptable method for protecting the telecommunication of U.S. Government sensitive information such as unclassified Safeguards Information.

Terry Morton

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Approval of the Privatel Model 960v encryption system is contingent upon continued NIST approval.

U.S. Nuclear Regulatory Commission approval of your request applies only to “use” of the Privatel Model 960v to provide an encryption media for voice communications involving Safeguards Information and is contingent upon your continuous compliance with the provisions of 10 CFR 73.21, “Requirements for the protection of safeguards information.” In accordance with 10 CFR 73.21(a), you are required to establish and maintain an information protection system that satisfies 10 CFR 73.21(b) through (i). Compliance with the provisions of 10 CFR 73.21 is inspectable.

If you have any questions, please contact me at 301-415-2020.

Sincerely,

*/RA/*

Brenda L. Mozafari, Senior Project Manager, Section 2  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-325, 50-324, 50-400, 50-261, and 50-302

cc: See next page

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If you have any questions, please contact me at 301-415-2020.

Sincerely,  
/RA/

Brenda L. Mozafari, Senior Project Manager, Section 2  
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Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-325, 50-324, 50-400, 50-261, and 50-302

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