

July 25, 2003

Mr. James W. Holt, Manager  
Performance Evaluation and  
Regulatory Affairs, PEB 7  
Progress Energy  
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. MB9958, MB9959, MB9960, MB9964, AND MB9965)

Dear Mr. Holt:

By letter dated June 23, 2003, you requested approval in accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 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 the CERTIFAX Fax Encryptor CF3102.

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 CERTIFAX Fax Encryptor CF3102 is validated to FIPS 140-1 and is Number 67 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.

Mr. James W. Holt

- 2 -

The use of the CERTIFAX Fax Encryptor CF3102 encryption system is approved for your four plants and corporate office. This approval is contingent upon continued NIST approval.

U.S. Nuclear Regulatory Commission approval of your request applies only to "use" of the CERTIFAX Fax Encryptor CF3102 to provide an encryption media for telecommunications 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).

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

James Holt

- 2-

The use of the CERTIFAX Fax Encryptor CF3102 encryption system is approved for your four plants and corporate office. This approval is contingent upon continued NIST approval.

U.S. Nuclear Regulatory Commission approval of your request applies only to "use" of the CERTIFAX Fax Encryptor CF3102 to provide an encryption media for telecommunications 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).

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

DISTRIBUTION:

PUBLIC	BMozafari	AMadison	SStewart, RII
PDII-1 R/F	OGC	AHowe	LSilvious
EHackett	EDunnington	ACRS	
CPatel	PFredrickson	SRosenberg	
JSchaeffer	JMunday		

\*See previous concurrence

ADAMS ACCESSION NUMBER:ML032100340

\*\* NLO

OFFICE	PDII-2/PM	PDII-2/PM	PDII-2/LA	NSIR*
NAME	BMozafari	CPatel	EDunnington	NFontaine for: LSilvious
DATE	07/23/03	07/23/03	07/23/03	07/15/03

OFFICE	OCIO*	OGC**	PDII-2/SC
NAME	LGrossman for: JSchaeffer	AFernandez	AHowe
DATE	07/ 15/03	07/ 21/03	07/25/03

**OFFICIAL RECORD COPY**

## Progress Energy

Steven R. Carr  
Associate General Counsel - Legal  
Department  
Progress Energy Service Company, LLC  
Post Office Box 1551  
Raleigh, North Carolina 27602-1551

Ms. Margaret A. Force  
Assistant Attorney General  
State of North Carolina  
Post Office Box 629  
Raleigh, North Carolina 27602

U. S. Nuclear Regulatory Commission  
Resident Inspector's Office  
H. B. Robinson Steam Electric Plant  
Route 5, Box 413  
Hartsville, South Carolina 29550

Mr. Chris L. Burton  
Director of Site Operations  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
3581 West Entrance Road  
Hartsville, South Carolina 29550

Ms. Beverly Hall, Section Chief  
N.C. Department of Environment  
and Natural Resources  
Division of Radiation Protection  
3825 Barrett Dr.  
Raleigh, North Carolina 27609-7721

Mr. Robert P. Gruber  
Executive Director  
Public Staff - NCUC  
4326 Mail Service Center  
Raleigh, North Carolina 27699-4326

Resident Inspector  
U. S. Nuclear Regulatory Commission  
Brunswick Steam Electric Plant  
8470 River Road  
Southport, North Carolina 28461

Mr. John H. O'Neill, Jr.  
Shaw, Pittman, Potts & Trowbridge  
2300 N Street, NW.  
Washington, DC 20037-1128

Mr. J. W. Moyer  
Site Vice President  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
3581 West Entrance Road  
Hartsville, South Carolina 29550

Mr. Virgil R. Autry, Director  
Division of Radioactive Waste Management  
South Carolina Department of Health  
and Environmental Control  
2600 Bull Street  
Columbia, South Carolina 29201

Resident Inspector/Harris NPS  
Nuclear Regulatory Commission  
5421 Shearon Harris Road  
New Hill, North Carolina 27562-9998

Mr. James Scarola  
Vice President - Harris Plant  
Carolina Power & Light Company  
Shearon Harris Nuclear Power Plant  
Post Office Box 165  
New Hill, North Carolina 27562-0165

Mr. J. S. Keenan, Vice President  
Carolina Power & Light Company  
Brunswick Steam Electric Plant  
Post Office Box 10429  
Southport, North Carolina 28461-0429

Mr. David R. Sandifer, Chairperson  
Brunswick County Board of Commissioners  
Post Office Box 249  
Bolivia, North Carolina 28422

Mr. Robert J. Duncan II  
Director of Site Operations  
Carolina Power & Light Company  
Shearon Harris Nuclear Power Plant  
Post Office Box 165, Mail Zone 1  
New Hill, North Carolina 27562-0165

Mr. C. J. Gannon  
Director - Site Operations  
Carolina Power & Light Company  
Brunswick Steam Electric Plant  
Post Office Box 10429  
Southport, North Carolina 28461-0429

Mr. W. C. Noll  
Plant Manager  
Carolina Power & Light Company  
Brunswick Steam Electric Plant  
Post Office Box 10429  
Southport, North Carolina 28461

Mr. Norman R. Holden, Mayor  
City of Southport  
201 East Moore Street  
Southport, NC 28461

Public Service Commission  
State of South Carolina  
Post Office Drawer 11649  
Columbia, South Carolina 29211

Mr. Dan E. Summers  
Emergency Management Coordinator  
New Hanover County Department  
of Emergency Management  
Post Office Box 1525  
Wilmington, North Carolina 28402

Chairman of the North Carolina  
Utilities Commission  
Post Office Box 29510  
Raleigh, North Carolina 27626-0510

Mr. C. T. Baucom  
Supervisor, Licensing/Regulatory  
Programs  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant,  
Unit 2  
3581 West Entrance Road  
Hartsville, South Carolina 29550

Mr. Herb Council, Chair  
Board of County Commissioners of  
Wake County  
P.O. Box 550  
Raleigh, North Carolina 27602

Mr. Edward T. O'Neil  
Manager - Support Services  
Carolina Power & Light Company  
Brunswick Steam Electric Plant  
P.O. Box 10429  
Southport, North Carolina 28461

Mr. B. L. Fletcher III  
Manager - Support Services - Nuclear  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant,  
Unit No. 2  
3581 West Entrance Road  
Hartsville, SC 29550-0790

Mr. Terry C. Morton, Manager  
Support Services  
Carolina Power & Light Company  
Shearon Harris Nuclear Power Plant  
Post Office Box 165, Mail Zone 1  
New Hill, NC 27562-0165

Mr. John R. Caves, Supervisor  
Licensing/Regulatory Programs  
Carolina Power & Light Company  
Shearon Harris Nuclear Power Plant  
Post Office Box 165, Mail Zone 1  
New Hill, NC 27562-0165

Mr. T. P. Cleary  
Plant General Manager  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant,  
Unit No. 2  
3581 West Entrance Road  
Hartsville, SC 29550

Mr. Tommy Emerson, Chair  
Board of County Commissioners  
of Chatham County  
Post Office Box 87  
Pittsboro, NC 27312

Mr. C. S. Hinnant, Senior Vice President  
Nuclear Generation & Chief Nuclear Officer  
Carolina Power & Light Company  
CPB 12  
Post Office Box 1551  
Raleigh, North Carolina 27602-1551

Mr. R. Alexander Glenn  
Associate General Counsel (MAC-BT15A)  
Florida Power Corporation  
P.O. Box 14042  
St. Petersburg, Florida 33733-4042

Mr. Jon A. Franke  
Plant General Manager  
Crystal River Nuclear Plant (NA2C)  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

Mr. Jim Mallay  
Framatome ANP  
1911 North Ft. Myer Drive, Suite 705  
Rosslyn, Virginia 22209

Mr. William A. Passetti, Chief  
Department of Health  
Bureau of Radiation Control  
2020 Capital Circle, SE, Bin #C21  
Tallahassee, Florida 32399-1741

Attorney General  
Department of Legal Affairs  
The Capitol  
Tallahassee, Florida 32304

Mr. Craig Fugate, Director  
Division of Emergency Preparedness  
Department of Community Affairs  
2740 Centerview Drive  
Tallahassee, Florida 32399-2100

Chairman  
Board of County Commissioners  
Citrus County  
110 North Apopka Avenue  
Inverness, Florida 34450-4245

Mr. Donald L. Taylor  
Manager Support Services  
Crystal River Nuclear Plant (NA2C)  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

Mr. Daniel L. Roderick  
Director Site Operations  
Crystal River Nuclear Plant (NA2C)  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

Senior Resident Inspector  
Crystal River Unit 3  
U.S. Nuclear Regulatory Commission  
6745 N. Tallahassee Road  
Crystal River, Florida 34428

Mr. Richard L. Warden  
Manager Nuclear Assessment  
Crystal River Nuclear Plant (NA2C)  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708

Mr. Dale E. Young, Vice President  
Crystal River Nuclear Plant (NA1B)  
ATTN: Supervisor, Licensing  
& Regulatory Programs  
15760 W. Power Line Street  
Crystal River, Florida 34428-6708