

February 20, 2002

Mr. H. L. Sumner, Jr.  
Vice President - Nuclear  
Hatch Project  
Southern Nuclear Operating  
Company, Inc.  
Post Office Box 1295  
Birmingham, Alabama 35201-1295

SUBJECT: USE OF PROTECTED TELECOMMUNICATIONS FOR TRANSMISSION OF  
SAFEGUARDS INFORMATION RE: JOSEPH M. FARLEY NUCLEAR PLANT,  
UNITS 1 AND 2; EDWIN I. HATCH NUCLEAR PLANT, UNITS 1 AND 2;  
VOGTLE ELECTRIC GENERATING PLANT, UNITS 1 AND 2 (TAC NOS.  
MB3349, MB3350, MB3351, MB3352, MB3353 AND MB3354)

By letters dated November 7 and December 21, 2001, you requested approval in accordance with 10 CFR 73.21(g)(3), for the use of protected telecommunications for the transmission of Safeguards Information among your three plants and among the three plants and your corporate offices in Birmingham, Alabama. Your November 7, 2001, letter requested approval for the use of CopyTele, Inc. model Cryptele USS-900 encryption devices. Your December 21, 2001, letter rescinded your November 7, 2001, letter and requested approval for the use of Privatel Model 960v from L-3 Communications Systems.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, application or functions as a standalone device.

The Privatel Model 960v is validated to FIPS 140-1 and is Number 108 on the Cryptographic Modules Validation List. Therefore, this use of this product would be an acceptable method for

protecting the telecommunication of U.S. Government sensitive information such as unclassified Safeguards Information.

Approval of the Privatel Model 760v encryption system is contingent upon continued NIST approval.

NRC 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 301 415-1419.

Sincerely,

**/RA/**

Leonard N. Olshan, Senior Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-348, 50-364, 50-321, 50-366, 50-424 and 50-425

cc: See next Page

protecting the telecommunication of U.S. Government sensitive information such as unclassified Safeguards Information.

Approval of the Privatel Model 760v encryption system is contingent upon continued NIST approval.

NRC 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 301 415-1419.

Sincerely,

**/RA/**

Leonard N. Olshan, Senior Project Manager, Section 1  
Project Directorate II  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket Nos. 50-348, 50-364, 50-321, 50-366, 50-424 and 50-425

cc: See next Page

DISTRIBUTION:

PUBLIC	LOlshan	AMadison	Region II
PDII-1 R/F	FRinaldi	OGC	
RLaufer	CHawes	ACRS	

**Accession Number: ML020390067**

**\*See Previous Concurrence**

OFFICE	PDII-1\PM	PDII-1\PM	PDII-1\LA	IOLB*	OCIO/ADD	PDII-1\ASC
NAME	LOlshan	FRinaldi	CHawes	AMadison	ALevin	RLaufer
DATE	02/20/02	02/20/02	02/20/02	2/14/02	input dated 1/23/02	02/20/02

**Official Record Copy**

Joseph M. Farley Nuclear Plant

cc:

Mr. L. M. Stinson  
General Manager -  
Southern Nuclear Operating Company  
Post Office Box 470  
Ashford, Alabama 36312

William D. Oldfield  
SAER Supervisor  
Southern Nuclear Operating Company  
P. O. Box 470  
Ashford, Alabama 36312

Mr. Mark Ajluni, Licensing Manager  
Southern Nuclear Operating Company  
Post Office Box 1295  
Birmingham, Alabama 35201-1295

Mr. M. Stanford Blanton  
Balch and Bingham Law Firm  
Post Office Box 306  
1710 Sixth Avenue North  
Birmingham, Alabama 35201

Mr. J. D. Woodard  
Executive Vice President  
Southern Nuclear Operating Company  
Post Office Box 1295  
Birmingham, Alabama 35201

State Health Officer  
Alabama Department of Public Health  
434 Monroe Street  
Montgomery, Alabama 36130-1701

Chairman  
Houston County Commission  
Post Office Box 6406  
Dothan, Alabama 36302

Resident Inspector  
U.S. Nuclear Regulatory Commission  
7388 N. State Highway 95  
Columbia, Alabama 36319

Edwin I. Hatch Nuclear Plant  
Vogtle Electric Generating Plant

cc:

Mr. Ernest L. Blake, Jr.  
Shaw, Pittman, Potts and Trowbridge  
2300 N Street, NW.  
Washington, DC 20037

Mr. J. D. Woodard  
Executive Vice President  
Southern Nuclear Operating  
Company, Inc.  
P. O. Box 1295  
Birmingham, Alabama 35201

Mr. D. M. Crowe, Manager - Licensing  
Southern Nuclear Operating  
Company, Inc.  
P. O. Box 1295  
Birmingham, Alabama 35201

Mr. H. L. Sumner, Jr.  
Vice President - Nuclear  
Hatch Project  
Southern Nuclear Operating  
Company, Inc.  
P. O. Box 1295  
Birmingham, Alabama 35201-1295

Resident Inspector  
Hatch Project  
11030 Hatch Parkway North  
Baxley, Georgia 31513

Mr. Charles H. Badger  
Office of Planning and Budget  
Room 610  
270 Washington Street, SW.  
Atlanta, Georgia 30334

Harold Reheis, Director  
Department of Natural Resources  
205 Butler Street, SE., Suite 1252  
Atlanta, Georgia 30334

Mr. C. K. McCoy  
Vice President  
Southern Nuclear Operating  
Company, Inc.  
P. O. Box 1295  
Birmingham, Alabama 35201

Charles A. Patrizia, Esquire  
Paul, Hastings, Janofsky & Walker  
10th Floor  
1299 Pennsylvania Avenue  
Washington, DC 20004-9500

Mr. L. M. Bergen  
Resident Manager  
Oglethorpe Power Corporation  
Edwin I. Hatch Nuclear Plant  
P. O. Box 2010  
Baxley, Georgia 31515

Mr. J. A. Bailey, Manager-Licensing  
Southern Nuclear Operating  
Company, Inc.  
P. O. Box 1295  
Birmingham, Alabama 35201

Mr. J. B. Beasley  
General Manager, Vogtle Electric  
Generating Plant  
Southern Nuclear Operating  
Company, Inc.  
P. O. Box 1600  
Waynesboro, Georgia 30830

Office of Planning and Budget  
Room 615B  
270 Washington Street, SW.  
Atlanta, Georgia 30334

Attorney General  
Law Department  
132 Judicial Building  
Atlanta, Georgia 30334

Edwin I. Hatch Nuclear Plant  
Vogtle Electric Generating Plant

cc:

Chairman  
Appling County Commissioners  
County Courthouse  
Baxley, Georgia 31513

Office of the County Commissioner  
Burke County Commission  
Waynesboro, Georgia 30830

Arthur H. Domby, Esquire  
Troutman Sanders  
NationsBank Plaza  
600 Peachtree Street, NE.  
Suite 5200  
Atlanta, Georgia 30308-2216

Resident Inspector  
Vogtle  
8805 River Road  
Waynesboro, Georgia 30830

Steven M. Jackson  
Senior Engineer - Power Supply  
Municipal Electric Authority  
of Georgia  
1470 Riveredge Parkway, NW  
Atlanta, Georgia 30328-4684

Mr. P. H. Wells  
General Manager, Edwin I.  
Hatch Nuclear Plant  
Southern Nuclear Operating  
Company, Inc.  
U.S. Highway 1 North  
P. O. Box 2010  
Baxley, Georgia 31515

Mr. J. D. Sharpe  
Resident Manager  
Oglethorpe Power Corporation  
Alvin W. Vogtle Nuclear Plant  
P. O. Box 1600  
Waynesboro, Georgia 30830