

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 Your December 21, 2001, letter rescinded your November 7, 2001, letter and requested approval for the use of Privatel Model 960v from L-3 Communications Systems.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

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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

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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