

**FOIA/PA NO: 2016-0169**

**GROUP: A**

**RECORDS BEING RELEASED  
IN THEIR ENTIRETY**

LIST OF RECENTLY ISSUED  
 NRC REGULATORY ISSUE SUMMARIES

Regulatory Issue Summary No.	Subject	Date of Issuance	Issued to
2002-14	Proposed Changes to the Safety System Unavailability Performance Indicators		All holders of operating licenses for nuclear power reactors, except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel.
2002-13	Confirmation of Employment Eligibility	08/27/2002	All holders of operating licenses for nuclear power reactors.
2002-12	NRC Threat Advisory and Protective Measures System	Various	Various
2002-11	Requalification Program Test Results for Okonite Okolon Single-Conductor Bonded-Jacket Cable (Followup to Regulatory Issue Summary 2000-25)	08/09/2002	All holders operating licenses for nuclear power reactors, except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel.
2002-10	Revision of the Skin Dose Limit in 10 CFR Part 20	07/09/2002	All U.S. Nuclear Regulatory Commission material licensees.
2002-09	Preparation and Scheduling of Operator Licensing Examinations	06/06/2002	All holders of operating licenses for nuclear power reactors, except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel.

**Note:** NRC generic communications may be received in electronic format shortly after they are issued by subscribing to the NRC listserver as follows:

To subscribe send an e-mail to <[listproc@nrc.gov](mailto:listproc@nrc.gov)>, no subject, and the following command in the message portion:

subscribe gc-nrr firstname lastname



**Nebraska Public Power District**  
*Nebraska's Energy Leader*

73.21(g)(3)

NLS2002137

November 6, 2002

U.S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
Washington, D.C. 20555-0001

**Subject:** Regulatory Information Summary (RIS) 2002-15, "NRC Approval of Commercial Data Encryption Systems for the Electronic Transmission of Safeguards Information."

The purpose of this letter is to request approval to use the L3 Communications, Privatel™ encryption system for unclassified safeguards telecommunications at Cooper Nuclear Station (CNS).

The Privatel™ device is Federal Information Processing Standard (FIPS) 140-1 certified (certificate number 108). In addition, L3 Communications is listed on the National Institute of Standards and Technology vendor list, as a vendor with a validated FIPS 140-1 and FIP 140-2 cryptographic module.

In accordance with 10 CFR 73.21(g), CNS will ensure written procedures are in place to delineate how the system will be used. The procedures will address 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; and how the identity and access authorization of the recipient will be verified.

If you have questions, or need additional information, please contact Paul Fleming, Licensing Manager, at 402-825-2774.

  
Michael T. Coyle  
Site Vice President

/nr

Cooper Nuclear Station  
P O Box 98 / Brownville, NE 68321-0098  
Telephone: (402) 825-3811 / Fax: (402) 825-5211  
<http://www.nppd.com>

*Pool  
IK53  
Add: Nancy  
Hodges*

A2

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NLS2002137

Page 2 of 2

cc: Regional Administrator  
USNRC - Region IV

Senior Project Manager  
USNRC - NRR Project Directorate IV-1

Senior Resident Inspector  
USNRC

NPG Distribution

Records

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Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

December 14, 2004

10 CFR 73.21

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

Gentlemen:

In the Matter of )  
Tennessee Valley Authority )

Docket Nos. 50-259 50-390  
50-260 50-391  
50-296  
50-327  
50-328

**BROWNS FERRY NUCLEAR PLANT, UNITS 1, 2, AND 3; WATTS BAR NUCLEAR PLANT, UNITS 1 AND 2; AND SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2 – USE OF ENCRYPTION SOFTWARE FOR ELECTRONIC TRANSMISSION OF SAFEGUARDS (REGULATORY ISSUE SUMMARY (RIS) 2002-15)**

Pursuant to the requirements of 10 CFR 73.21(g)(3), TVA requested, and was granted NRC approval, by letter dated June 14, 2004, to process and transmit Safeguards Information (SGI) using PGP Software (Enterprise, Corporate, or Personal), Desktop Version 8.0, or the latest validated version, developed with PGP Software Development Kit (SDK) 3.0.3. National Institute of Standards and Technology (NIST) Certificate 394 validates compliance of this SDK with Federal Information Processing Standard (FIPS) 140-2 requirements.

This letter provides notification that TVA will begin using PGP Software Corporate Desktop Version 8.0.3 which was developed with SDK 3.0.3. NIST Certificate Number 394 validates compliance of this software development tool with the FIPS 140-2 requirements.

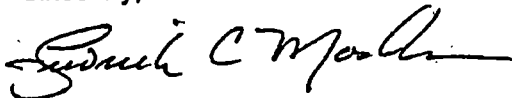
5008

U.S. Nuclear Regulatory Commission  
Page 2  
December 14, 2004

In an October 4, 2004 letter, NEI provided notification of the industry's intent to use PGP version 8.0.3. In a November 19, 2004 response to NEI, the NRC authorized the use of PGP version 8.0.3 for processing SGI electronically. This meets the requirement that the NRC be notified 30 days before "first use" of new software.

There are no new commitments made by this letter. Should you have any questions or require additional information, please contact Robert M. Brown at (423) 751-7228.

Sincerely,



Fredrick C. Mashburn  
Senior Program Manager  
Nuclear Licensing

cc: Ms. Eva A. Brown, Project Manager  
U.S. Nuclear Regulatory Commission  
MS 08G9  
One White Flint, North  
11555 Rockville Pike  
Rockville, Maryland 20852-2738

Mr. Steve J. Cahill, Chief  
U.S. Nuclear Regulatory Commission  
Region II  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW, Suite 23T85  
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Ms. Margaret H. Chernoff, Project Manager  
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MS 08G9  
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cc: Continued on page 3

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U.S. Nuclear Regulatory Commission  
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December 14, 2004

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Mr. Bhalchandra K. Vaidya, NSIR  
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cc: Continued on page 4



**U.S. Nuclear Regulatory Commission  
Page 4  
December 14, 2004**

**cc: NRC Senior Resident Inspector  
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Athens, Alabama 35611-6970**

**NRC Senior Resident Inspector  
Sequoyah Nuclear Plant  
2600 Igou Ferry Road  
Soddy Daisy, Tennessee 37379-3624**

**NRC Senior Resident Inspector  
Watts Bar Nuclear Plant  
1260 Nuclear Plant Road  
Spring City, Tennessee 37381-2000**

**Mr. James Davis, Director  
Operations  
Nuclear Generation  
Nuclear Energy Institute  
1776 I Street, NW  
Suite 400  
Washington, D.C. 20006-3708**

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF NUCLEAR REACTOR REGULATION  
WASHINGTON, DC 20555-0001

August 28, 2002

**NRC REGULATORY ISSUE SUMMARY 2002-15**  
**NRC APPROVAL OF COMMERCIAL DATA ENCRYPTION SYSTEMS**  
**FOR THE ELECTRONIC TRANSMISSION**  
**OF SAFEGUARDS INFORMATION**

**ADDRESSEES**

All authorized recipients and holders of sensitive unclassified safeguards information (SGI).

**INTENT**

The U.S. Nuclear Regulatory Commission (NRC) is issuing this regulatory issue summary (RIS) to provide guidance to addressees on obtaining NRC approval of commercial data encryption systems for the electronic transmission of SGI. This RIS requires no action or written response on the part of addressees.

**BACKGROUND**

"Sensitive unclassified information" is defined by Public Law 100-235. The primary authorities for the protection of sensitive unclassified information include the Freedom of Information Act (5 U.S.C. 552), the Privacy Act (5 U.S.C. 552a), and Parts 2 and 9 of Title 10 of the *Code of Federal Regulations* (10 CFR Parts 2 and 9). The unauthorized disclosure of SGI — a type of sensitive unclassified information — is prohibited under the provisions of Section 147 of the Atomic Energy Act of 1954, as amended, and 10 CFR 73.21. Additional guidance on protecting SGI can be found in NUREG-0794, "Protection of Unclassified Safeguards Information (Criteria and Guidance)," dated October 1981.

NRC regulations in 10 CFR 73.21(g)(3) state that except under emergency or extraordinary conditions, SGI shall be transmitted only by protected telecommunications circuits (including facsimile) approved by the NRC, and physical security events that are required to be reported pursuant to 10 CFR 73.71 are considered to be extraordinary conditions. In addition, 10 CFR 73.21(h) states that SGI may be processed or produced on an automatic data processing (ADP) system, provided that the system is self-contained within the authorized holder's facility and requires the use of an entry code for access to stored information; other systems may be used if approved for security by the NRC.

The National Institute of Standards and Technology (NIST) has established the Cryptographic Module Validation Program (CMVP), which validates conformance of cryptographic modules to the Security Requirements for Cryptographic Modules in Federal Information Processing Standard (FIPS) 140-1 and FIPS 140-2 and, as appropriate, any other FIPS cryptography standard.

**ML022400435**

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 and 140-2 are accepted by the Federal agencies of both countries for the protection of sensitive unclassified information. NIST's Computer Security Division and CSE jointly serve as the validation authorities for the acceptance testing of cryptographic modules conducted by accredited testing laboratories. There are currently four laboratories accredited by the National Voluntary Laboratory Accreditation Program (NVLAP), which perform compliance testing in accordance with FIPS 140-1 and 140-2; three are in the United States and one is in Canada. The Secretary of Commerce has made FIPS 140-1 and 140-2 mandatory and binding for U.S. Federal agencies and organizations. This is specifically applicable when a Federal agency determines that cryptography is necessary to protect sensitive unclassified information.

### **SUMMARY OF ISSUE**

The following guidance is provided to addressees who voluntarily choose to transmit SGI in electronic format:

- (1) Select a commercially available encryption system that NIST has validated as conforming to FIPS 140-1 and 140-2. Additional information on NIST-approved encryption systems can be found at [http://csrc.nist.gov/pki/nist\\_crypto/welcome.html](http://csrc.nist.gov/pki/nist_crypto/welcome.html). NIST maintains a current listing of all validated encryption systems at <http://csrc.nist.gov/cryptval/140-1/1401val.htm>.
- (2) Submit a written request for NRC approval to use the selected commercially available encryption system as required by 10 CFR 73.21(g)(3).
- (3) General performance requirements for the protection of safeguards information, found at 10 CFR 73.21(a), state that "each licensee... and each person who produces, receives, or acquires Safeguards Information shall ensure that Safeguards Information is protected against unauthorized disclosure. To meet this general performance requirement, licensees and persons subject to [10 CFR 73.21] shall establish and maintain an information protection system that includes the measures specified in paragraphs (b) through (i) of [10 CFR 73.21]. Information protection procedures employed by State and local police forces are deemed to meet these requirements."

Therefore, in accordance with 10 CFR 73.21(a), licensees and persons who produce, receive, or acquire Safeguards Information should prepare written procedures that address how applicable provisions of 10 CFR 73.21 will be met and how the selected encryption system will be used. Written procedures should include, but are not limited to, 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.

- (4) NRC approval to use a commercially available encryption system is contingent upon NIST approval. If an encryption system no longer satisfies FIPS 140-1 and 140-2 and is removed from the list of NIST-approved encryption systems, NRC approval that was previously granted is automatically withdrawn and affected addressees must discontinue

using that encryption system. It is the responsibility of the authorized recipient or holder of SGI to verify — prior to each use — that its encryption system continues to have NIST approval.

- (5) The guidance contained in this RIS does not alter or revise any current regulatory requirements for the protection of SGI. For addressees who choose not to transmit SGI in electronic format, 10 CFR 73.21(g)(1) and (2) will continue to apply.
- (6) The NRC is evaluating the feasibility of employing electronic data encryption for the transmission of SGI between authorized holders and the NRC. Pending a decision on this matter, 10 CFR 73.21(g)(1) and (2) will continue to apply when SGI is transmitted between addressees and the NRC.

#### **BACKFIT DISCUSSION**

This RIS does not require any action or written response and does not require any modification to plant structures, systems, components, or facility design. Therefore, the NRC staff did not perform a backfit analysis.

#### **FEDERAL REGISTER NOTIFICATION**

The NRC did not publish a notice of opportunity for public comment in the *Federal Register* because this RIS is informational and pertains to a matter that does not represent a departure from current regulatory requirements and practice.

#### **PAPERWORK REDUCTION ACT STATEMENT**

This RIS contains information collections that pose an insignificant burden to respondents to request approval of an encryption system and prepare written procedures for safeguarding the transmitted information. The public burden for this information collection is estimated to average 2 hours per request. Because the burden for this information collection is insignificant, Office of Management and Budget (OMB) clearance is not required. Existing requirements were approved by OMB, approval number 3150-0002.

#### **PUBLIC PROTECTION NOTIFICATION**

The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid OMB control number.

If you have any questions about this matter, please contact the person listed below or the appropriate NRC project manager.

***/RA/***

Robert C. Pierson, Director  
Division of Fuel Cycle Safety  
and Safeguards  
Office of Nuclear Material Safety  
and Safeguards

***/RA/***

William D. Beckner, Program Director  
Operating Reactor Improvements Program  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

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Melvyn Leach, NMSS  
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Attachment: List of Recently Issued Regulatory Issue Summaries

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
OFFICE OF NUCLEAR REACTOR REGULATION  
OFFICE OF NUCLEAR MATERIAL SAFETY AND SAFEGUARDS  
WASHINGTON, DC 20555-0001

January 26, 2006

**NRC REGULATORY ISSUE SUMMARY 2002-15, REVISION 1  
NRC APPROVAL OF COMMERCIAL DATA ENCRYPTION PRODUCTS  
FOR THE ELECTRONIC TRANSMISSION  
OF SAFEGUARDS INFORMATION**

**ADDRESSEES**

All authorized recipients and holders of sensitive unclassified safeguards information (SGI).

**INTENT**

The U.S. Nuclear Regulatory Commission (NRC) is re-issuing this Regulatory Issue Summary (RIS) to correct and clarify RIS 2002-15, "NRC Approval of Commercial Data Encryption Systems for the Electronic Transmission of Safeguards Information [SGI]," which was issued to provide guidance to addressees on obtaining NRC approval of commercial data encryption products for the electronic transmission of SGI. This RIS requires no action or written response on the part of addressees. This revision supercedes in its entirety, the guidance provided in the original RIS.

**BACKGROUND INFORMATION**

The primary authorities for the protection of sensitive unclassified information include the Freedom of Information Act (5 U.S.C. 552), the Privacy Act (5 U.S.C. 552a), and Parts 2 and 9 of Title 10 of the *Code of Federal Regulations* (10 CFR Parts 2 and 9). The unauthorized disclosure of SGI—a type of sensitive unclassified information—is prohibited under the provisions of Section 147 of the Atomic Energy Act of 1954, as amended, and 10 CFR 73.21. Additional guidance on protecting SGI can be found in NUREG-0794, "Protection of Unclassified Safeguards Information (Criteria and Guidance)," dated October 1981.

NRC regulations in 10 CFR 73.21(g)(3) state that except under emergency or extraordinary conditions, SGI shall be transmitted only by protected telecommunications circuits (including facsimile circuits) approved by the NRC and that physical security events required to be reported pursuant to 10 CFR 73.71 are considered to be extraordinary conditions. In addition, 10 CFR 73.21(h) states that SGI may be processed or produced on an automatic data-processing system, provided that the system is self-contained within the authorized holder's facility and requires the use of an entry code for access to stored information; other systems may be used if approved for security by the NRC.

The National Institute of Standards and Technology (NIST) established a Cryptographic Module Validation Program (CMVP) that validates conformance of cryptographic modules to Security Requirements for Cryptographic Modules in Federal Information Processing Standard (FIPS) 140-1 or FIPS 140-2 and, as appropriate, to any other FIPS cryptography standard.

**ML050460031**

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 or 140-2 are accepted by the Federal agencies of both countries for the protection of sensitive unclassified information. Computer Security Division of NIST and CSE jointly serve as the validation authorities for the acceptance testing of cryptographic modules by accredited testing laboratories. Currently, nine laboratories are accredited by the National Voluntary Laboratory Accreditation Program, to perform compliance testing in accordance with FIPS 140-1 or 140-2; five are in the United States, two are in Canada, and two are in the United Kingdom. The Secretary of Commerce has made the use of either FIPS 140-1 or 140-2 mandatory and binding for U.S. Federal agencies and organizations. This requirement is specifically applicable when a Federal agency determines that cryptography is necessary to protect sensitive unclassified information.

### **SUMMARY OF ISSUE**

The following guidance is provided to addressees who desire to transmit SGI in electronic format:

- (1) Select a commercially available encryption product that uses a cryptographic module validated to NIST 140-1 or 140-2 standards. Additional information on NIST-validated encryption products is posted on the NIST web site at [http://csrc.nist.gov/pki/nist\\_crypto/welcome.html](http://csrc.nist.gov/pki/nist_crypto/welcome.html). NIST maintains a current listing of all validated encryption products at <http://csrc.nist.gov/cryptval/140-1/1401val.htm>.
- (2) Submit a written request, including FIPS validation certificate for cryptographic module, to the NRC for approval to use the selected commercially available encryption product, as required by 10 CFR 73.21(g)(3). Include a copy of the FIPS validation certificate of the selected encryption product.
- (3) Use FIPS-approved cryptographic algorithms to encrypt data for electronic transmission.
- (4) Check the NIST web site to ensure that the cryptographic algorithms selected for encrypting data are still approved by NIST before use. The NRC approves only NIST-approved cryptographic algorithms. Thus, if NIST no longer approves a cryptographic algorithm, the NRC no longer accepts it.
- (5) Addressees may replace the current version of encryption products that were approved by the NRC with a newer version of encryption product without prior approval from the NRC, provided that the addressees document that the newer version of encryption product uses the same cryptographic module as the current version of encryption product, i.e., document that the FIPS validation certificate of the new version of encryption product is the same as the current version of encryption product.
- (6) General performance requirements for the protection of SGI found at 10 CFR 73.21(a), state that "each licensee... and each person who produces, receives, or acquires Safeguards Information shall ensure that Safeguards Information is protected against unauthorized disclosure. To meet this general performance requirement, licensees

and persons subject to this section shall establish and maintain an information protection product that includes the measures specified in paragraphs (b) through (i) of this section. Information protection procedures employed by State and local police forces are deemed to meet these requirements." Therefore, licensees and persons who produce, receive, or acquire SGI should prepare written procedures that address how applicable provisions of 10 CFR 73.21 will be met and how the selected encryption product will be used. The written procedures should include, but are not limited to: 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.

- (7) The guidance contained in this RIS does not alter or revise any current regulatory requirements for the protection of SGI. For addressees who choose not to transmit SGI in electronic format, 10 CFR 73.21(g)(1) and (2) will continue to apply.
- (8) The NRC is evaluating the feasibility of employing electronic data encryption for the transmission of SGI between authorized holders and the NRC. Pending a decision on this matter, 10 CFR 73.21(g)(1) and (2) will continue to apply when SGI is transmitted between addressees and the NRC.

#### **BACKFIT DISCUSSION**

This RIS does not require any action or written response and does not require any modification to plant structures, systems, components, or facility design. Therefore, the NRC staff did not perform a backfit analysis.

#### **FEDERAL REGISTER NOTIFICATION**

The NRC did not publish a notice of opportunity for public comment in the *Federal Register* because this RIS is informational and does not depart from current regulatory requirements and practice.

#### **SMALL BUSINESS REGULATORY ENFORCEMENT FAIRNESS ACT of 1996**

The NRC has determined that this action is not subject to the Small Business Regulatory Enforcement Fairness Act of 1996.

#### **PAPERWORK REDUCTION ACT STATEMENT**

This RIS contains information collections that are subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). These information collections were approved by the Office of Management and Budget, approval number 3150-0011, which expires February 28, 2007. The burden to the public for these (voluntary/mandatory) information collections is estimated to average 0.5 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the



information collection. Send comments regarding this burden estimate or any other aspect of these information collections, including suggestions for reducing the burden, to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet electronic mail to [INFOCOLLECTS@NRC.GOV](mailto:INFOCOLLECTS@NRC.GOV); and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0011), Office of Management and Budget, Washington, DC 20503.

#### **PUBLIC PROTECTION NOTIFICATION**

The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

#### **CONTACT**

Please direct any questions about this matter to the technical contact listed below, or to the appropriate Office of Nuclear Reactor Regulation project manager.

*/RA/*  
Charles L. Miller, Director  
Division of Industrial  
and Medical Nuclear Safety  
Office of Nuclear Material Safety  
and Safeguards

*/RA/*  
Christopher I. Grimes, Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Technical Contact: Eric Lee, NSIR  
301-415-8099  
E-mail: [exl@nrc.gov](mailto:exl@nrc.gov)

Enclosure: Recently Issued NMSS Generic Communications

Note: NRC generic communications may be found on the NRC public Web site, <http://www.nrc.gov>, under Electronic Reading Room/Document Collections.

information collection. Send comments regarding this burden estimate or any other aspect of these information collections, including suggestions for reducing the burden, to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet electronic mail to [INFOCOLLECTS@NRC.GOV](mailto:INFOCOLLECTS@NRC.GOV); and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0011), Office of Management and Budget, Washington, DC 20503.

**PUBLIC PROTECTION NOTIFICATION**

The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

**CONTACT**

Please direct any questions about this matter to the technical contact listed below, or to the appropriate Office of Nuclear Reactor Regulation project manager.

*/RA/*  
Charles L. Miller, Director  
Division of Industrial  
and Medical Nuclear Safety  
Office of Nuclear Material Safety  
and Safeguards

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Christopher I. Grimes, Director  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Technical Contact: Eric Lee, NSIR  
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Enclosure: Recently Issued NMSS Generic Communications

Note: NRC generic communications may be found on the NRC public Web site, <http://www.nrc.gov>, under Electronic Reading Room/Document Collections.

**DISTRIBUTION:**

ADAMS RIS File

SISP Review Completed by: Scott Morris

ADAMS PACKAGE NUMBER: ML060250221, ADAMS NUMBER: ML050460031,  
ENCLOSURE: ML060250236 \* See previous concurrence

OFFICE	NSIR	Tech Editor	DNS:RSS	TSS:IROB:DIPM	EEIB:DE	D:DLPM	SFPO
NAME	ELee*	PKleene*	SMorris*	THBoyce*	JACalvo	LMarsh	WBrach*
DATE	7/11/2005	02/12/2005	7/11/2005	7/13/2005	7/19/2005	7/19/2005	7/20/2005
OFFICE	FCSS	DWMEP	OE	OGC (NLO&SBREFA)*	PMAS		
NAME	RPierson*	LCamper*	M Burrell w/comments*		VTharpe*		
DATE	7/26/2005	7/15/2005	9/7/2005	8/25/2005	8/26/2005		
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NAME	BShelton*	CHawes*	AWMarkley	CJackson*	CLMiller*	CIGrimes	
DATE	10/19/2005	12/05/2005	12/05/2005	12/05/2005	01/15/2006	01/26/2006	

**OFFICIAL RECORD COPY**

**Recently Issued NMSS Generic Communications**

Date	GC No.	Subject	Addressees
2/11/05	BL-05-01	Material Control and Accounting at Reactors and Wet Spent Fuel Storage Facilities	All holders of operating licenses for nuclear power reactors, decommissioning nuclear power reactor sites storing spent fuel in a pool, and wet spent fuel storage sites.
01/13/06	RIS-05-27, Rev. 1	NRC Regulatory Issue Summary 2005-27, Rev. 1, NRC Timeliness Goals, Prioritization of Incoming License Applications and Voluntary Submittal of Schedule for Future Actions for NRC Review	All 10 CFR Parts 71 and 72 licensees and certificate holders.
12/22/05	RIS-05-31	Control of Security-related Sensitive Unclassified Non-safeguards Information Handled by Individuals, Firms, and Entities Subject to NRC Regulation of the Use of Source, Byproduct, and Special Nuclear Material	All licensees, certificate holders, applicants, and other entities subject to regulation by the U.S. Nuclear Regulatory Commission of the use of source, byproduct, and special nuclear material, except for those as covered by provisions of Regulatory Issue Summary (RIS) 2005-26 for nuclear power reactors.
11/23/05	RIS-05-24	Control of Radiation Dose to Visitors of Hospital Patients	All medical licensees.
11/14/05	RIS-05-21	Clarification of the Reporting Requirements in 10 CFR 20.2201	All U.S. Nuclear Regulatory Commission licensees and Part 76 certificate holders authorized to possess licensed material.
11/08/05	RIS-05-27	NRC Timeliness Goals, Prioritization of Incoming License Applications and Voluntary Submittal of Schedule for Future Actions for NRC Review	All 10 CFR Parts 71 and 72 licensees and certificate holders.
10/28/05	RIS-05-22	Requirements for the Physical Protection During Transportation of Special Nuclear Material of Moderate and Low Strategic Significance: 10 CFR Part 72 vs. Regulatory Guide 5.59 (1983)	All holders of licenses for the possession of special nuclear material (SNM) that ship Category II and III quantities of this material.
10/07/05	RIS-05-23	Clarification of the Physical Presence Requirement During Gamma Stereotactic Radiosurgery Treatments	All gamma stereotactic radiosurgery (GSR) licensees.
09/27/05	RIS-04-17, Rev. 1	Revised Decay-in-Storage Provisions for the Storage of Radioactive Waste Containing Byproduct Material	All licensees regulated under 10 CFR Parts 30, 32, 33, 35, 39, and 50.

Date	GC No.	Subject	Addressees
08/25/05	RIS-05-18	Guidance for Establishing and Maintaining a Safety Conscious Work Environment	All licensees, applicants for licenses, holders of certificates of compliance, and their contractors subject to NRC authority
08/10/05	RIS-05-16	Issuance of NRC Management Directive 8.17, "Licensee Complaints Against NRC Employees"	All licensees and certificate holders.
08/03/05	RIS-05-15	Reporting Requirements for Damaged Industrial Radiographic Equipment	All material licensees possessing industrial radiographic equipment, regulated under 10 CFR Part 34.
07/13/05	RIS-05-13	NRC Incident Response and the National Response Plan	All licensees and certificate holders.
07/11/05	RIS-05-12	Transportation of Radioactive Material Quantities of Concern NRC Threat Advisory and Protective Measures System	Licensees authorized to possess radioactive material that equals or exceeds the threshold values in the Additional Security Measures (ASM) for transportation of Radioactive Material Quantities of Concern (RAMQC) under their 10 CFR Part 30, 32, 50, 70, and 71 licenses and Agreement State licensees similarly authorized to possess such material in such quantities under their Agreement State licenses.
07/11/05	RIS-05-11	Requirements for Power Reactor Licensees in Possession of Devices Subject to the General License Requirements of 10 CFR 31.5	All holders of operating licenses for nuclear power reactors and generally licensed device vendors.
06/10/05	RIS-05-10	Performance-Based Approach for Associated Equipment in 10 CFR 34.20	All industrial radiography licensees and manufacturers and distributors of industrial radiography equipment.
04/18/05	RIS-05-06	Reporting Requirements for Gauges Damaged at Temporary Job Sites	All material licensees possessing portable gauges, regulated under 10 CFR Part 30.
04/14/05	RIS-05-04	Guidance on the Protection of Unattended Openings that Intersect a Security Boundary or Area	All holders of operating licenses or construction permits for nuclear power reactors, research and test reactors, decommissioning reactors with fuel on site, Category 1 fuel cycle facilities, critical mass facilities, uranium conversion facility, independent spent fuel storage installations, gaseous diffusion plants, and certain other material licensees.

Date	GC No.	Subject	Addressees
02/28/05	RIS-05-03	10 CFR Part 40 Exemptions for Uranium Contained in Aircraft Counterweights - Storage and Repair	All persons possessing aircraft counterweights containing uranium under the exemption in 10 CFR 40.13(c)(5).
12/23/05	IN-05-32	Product Alert for Fire Hydrants	All holders of operating licenses for nuclear power reactors and fuel cycle facilities, except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel.
11/17/05	IN-05-31	Potential Non-conservative Error in Preparing Problem-dependent Cross Sections for use with the KENO V.a or KENO-VI Criticality Code	All licensees using the KENO V.a or KENO-VI criticality code module in Version 5 of the Standardized Computer Analyses for Licensing Evaluation (SCALE) software developed by Oak Ridge National Laboratory (ORNL).
10/31/05	IN-05-28	Inadequate Test Procedure Fails to Detect Inoperable Criticality Accident Alarm Horns	All licensees authorized to possess a critical mass of special nuclear material.
10/07/05	IN-05-27	Low Dose-Rate Manual Brachytherapy Equipment Related Medical Events	All medical licensees.
07/29/05	IN-05-22	Inadequate Criticality Safety Analysis of Ventilation Systems at Fuel Cycle Facilities	All licensees authorized to possess a critical mass of special nuclear material.
06/23/05	IN-05-17	Manual Brachytherapy Source Jamming	All medical licensees authorized to possess a Mick applicator.
05/17/05	IN-05-13	Potential Non-conservative Error in Modeling Geometric Regions in the Keno-v.a Criticality Code	All licensees using the Keno-V.a criticality code module in Standardized Computer Analyses for Licensing Evaluation (SCALE) software developed by Oak Ridge National Laboratory (ORNL)
05/17/05	IN-05-12	Excessively Large Criticality Safety Limits Fail to Provide Double Contingency at Fuel Cycle Facility	All licensees authorized to possess a critical mass of special nuclear material.
04/07/05	IN-05-10	Changes to 10 CFR Part 71 Packages	All 10 CFR Part 71 licensees and certificate holders.
040/01/05	IN-05-07	Results of HEMYC Electrical Raceway Fire Barrier System Full Scale Fire Testing	All holders of operating licenses for nuclear power reactors, except those who have permanently ceased operations and have certified that fuel has been permanently removed from the reactor vessel, and fuel facilities licensees.

Date	GC No.	Subject	Addressees
03/10/05	IN-05-05	Improving Material Control and Accountability Interface with Criticality Safety Activities at Fuel Cycle Facilities	All licensees authorized to possess a critical mass of special nuclear material.

Note: NRC generic communications may be found on the NRC public website at <http://www.nrc.gov>, under Electronic Reading Room/Document Collections.