EXHIBIT G

SECURITY REQUIREMENTS

G1.0 Definitions and Acronyms (March 2012)

1.1 Definitions

Word, Phrase or Term	Definition
Access Authorization	An administrative determination that an individual is eligible for access to classified matter when required by official duties or is eligible for access to, or control over special nuclear material. An access authorization is granted only when it has been determined there is a clearly justified need for an individual to have such access. When granted, an access authorization is referred to as a clearance.
Approved Security Container	A container that conforms to Federal specifications and bears a "Test Certification Label" on the locking drawer attesting to the security capabilities of the container and lock. Such containers must be labeled "General Services Administration Approved Security Container" on the outside of the top drawer and have a lock meeting Federal Specification FF-L-2740, *Locks*, *Combination*.
Badge	A distinctive tag used for controlling access to facilities and security areas that provides an individual's name, possibly a photograph, and access authorization type and that may include additional information in electromagnetic, optical, or other form.
Barriers	Security area devices that include, but are not limited to, chain link fences, access control points, standard walls that provide the basis for LANL structures and buildings; and reinforced concrete structures (e.g. vault and vault-type rooms) that are specifically designed to house special nuclear materials and classified matter.
Camera	A photographic device that captures still or video images, either digitally or on film. A multifunction device with photographic capability is considered a camera.
Classified Matter	Any combination of documents and material containing classified information. This includes classified documents, parts, shapes/molds, computers, computer media, or any other classified material stored or processed within a V/VTR or VTR complex. Means Restricted Data, Formerly Restricted Data or National Security Information.
Classified Matter Custodian	A person authorized by his or her organization's RLM and trained to be custodian for classified matter.
Closed Area	A DOE-approved room having combination-locked doors and protection provided by a DOE-approved intrusion alarm system activated by any penetration of walls, floor, ceiling or openings, or by motion within the room.
Contract Administrator / Procurement Specialist	The duly authorized CONTRACTOR representative who will administer the terms and conditions of this subcontract.

Word, Phrase or Term	Definition
Controlled Articles	Articles controlled because of their potential to be used to record or transmit information without authorization. All such articles are not permitted in a LANL Limited security area or above without prior authorization. Items include government and non-government owned: recording equipment (audio, video, optical or data), cameras (still or video, includes cell phones with cameras); cell phones; two-way pagers and personal electronic devices; palm pilots; blackberries; radio frequency transmitting equipment; computers, thumb drives and associated media, including palm-top computers. Site-specific requirements may exist.
Cyber Security	The protection of information systems against unauthorized access to or modification of information, whether in storage, processing, or transit, against loss of accountability for information and user actions, and against the denial of service to authorized users, including those measures necessary to protect against, detect, and counter such threats.
Cyber Security Program	The program mandated to ensure that the confidentiality, integrity and availability of electronic data, networks and computer systems are maintained, including the protection of data, networks and computing systems from unauthorized access, alteration, modification, disclosure, destruction, transmission, denial of service, subversion of security measures and improper use.
Deployed Security Officer	A employee who provides security support to individual technical LANL Divisions and some LANL Directorates.
DOE Standard Badge	A DOE-mandated badge for all DOE agencies and contractor-operated sites.
Escort	An authorized individual assigned the responsibility to oversee and control people in a security area who do not have the proper access authorizations for the security area.
Escortee	A US citizen who lacks the proper access authorization to enter, occupy, and leave a security area without an escort.
Escorting	The process of physically accompanying an individual continuously while entering, occupying, and leaving a Security Area to prevent unauthorized disclosure of classified matter.
Facility Clearance	An administrative determination that a facility is eligible to access, receive, produce use, and/or store classified matter, nuclear materials or DOE property of significant monetary value.
Foreign National	Any person who is not a U.S. citizen (i.e., not a U.S. national). A “stateless” person is considered a foreign national.
Foreign Ownership, Control or Influence	The condition that exists when a foreign interest has the power, direct or indirect, whether or not exercised and whether or not exercisable through ownership of the U.S. Company’s securities, by contractual arrangements or other means, to direct or decide matters affecting the management or operations of a U.S. company in a manner which may result in unauthorized access to classified information and/or special nuclear material or may adversely affect the performance of classified subcontracts.
Foreign Ownership, Control or Influence Determination	A determination rendered by the Government as to whether a U.S. company requiring facility clearance in order to perform work requiring access to classified information and/or special nuclear material or the granting of access authorizations is or may be subject to foreign ownership, control, or influence.

Word, Phrase or Term	Definition
Government-Owned Equipment / Property	All land, buildings, and structures (real property) and portable equipment, records, and supplies (other property) that are owned, rented, or leased by the Government and subject to the administrative custody or jurisdiction of DOE.
Human Reliability Program	A security and safety reliability program designed to ensure that individuals who occupy positions affording access to certain materials, nuclear explosive devices, facilities and programs meet the highest standards of reliability, and physical and mental suitability.
Incident of Security Concern	Events which are of concern to the DOE Safeguards & Security Program that warrant preliminary inquiry and subsequent reporting.
Information Security	A system of administrative policies and procedures for identifying, marking, and protecting from unauthorized disclosure, information that is authorized protection by executive order or statute.
Information Security Incident	Any adverse event caused by an outsider or an insider that threatens the security of information resources. May include compromises of integrity, denial-of-service attacks, compromises of confidentiality, loss of accountability or damage to any part of the system.
Key Custodian	Personnel appointed by a LANL Group Leader or above to be responsible for keys, cores and padlocks within a specified group or area.
Lab or Laboratory	Los Alamos National Laboratory
L Access Authorization	A type of authorization granted by DOE indicating that the recipient is approved for access to the following levels and categories of classified information on a need-to-know basis: Confidential Restricted Data, Secret and Confidential National Security Information, and Secret and Confidential Formerly Restricted Data.
LANL Property	Any area within LANL designated as a “Technical Area” except TA-00, which may be DOE-leased property.
LANL Site-Specific Badge	Any non-DOE standard badge issued by the LANL Badge Office and valid for use only at LANL and LASO.
Limited Area (LA)	A security area that has boundaries defined by physical barriers, used for the protection of classified matter and/or Category III quantities of special nuclear material, where protective personnel or other internal controls can prevent access by unauthorized people to classified matter or special nuclear material.
Mandatory Sensitive Data	Controlled Unclassified Information identified in existing Federal regulations governing export control as well as those identified as unique to its work, which involve information, activities, and/or technologies that are relevant to national security. Includes OUO, PII, ECI, AT, NNPI, UCNI and LPI.
Material Access Area (MAA)	A security area that is approved for use, processing, and/or storage of a Category I quantity or other quantities of special nuclear material and that can credibly roll-up to a Category I quantity and which has specifically defined physical barriers, is located within a protected area, and is subject to specific access controls.
Need-to-Know	A determination made by an authorized holder of classified or unclassified controlled information that a prospective recipient requires access to specific classified or unclassified controlled information in order to perform his or her official or contractual duties of employment.
Non-Government Owned	Property owned by a Subcontract worker or Subcontract worker’s company.

Word, Phrase or Term	Definition
Nuclear Materials	(1) All materials so designated by the Secretary of Energy. (2) Special nuclear material, byproduct material, or source material as defined in 42 U.S.C. 2014(aa), (e), and (z) [Sections 11(aa), (e), and (z), respectively, of the Atomic Energy Act of 1954], or any other material used in the production, testing, use, or assembly of nuclear weapons or components of nuclear weapons that the Secretary of Energy determines to be nuclear material in accordance with 10 CFR 1017.10(a).
Official Use Only	Information that is unclassified but has the potential to damage government, commercial or private interests if disseminated to persons who do not need to know the information; and falls under at least one of eight Freedom of Information Act (5 U.S.C. 552) exemptions. Includes PII, ECI and AT
Official Visitor	A person who works for and primarily represents the interests of an organization other than LANL and its subcontractors and vendors, or a person whose clearance is held on behalf of a DOE organization other than LANL or DOE/LASO, even if such person is employed directly or indirectly by LANL.
Operations Security (OPSEC)	A systematic process designed to disrupt or defeat the ability of foreign intelligence or other adversaries to exploit sensitive departmental activities or information and to prevent the inadvertent disclosure of such information.
Personal Identification Verification documents	Two documents used to verify the identity and citizenship of an individual, required when requesting a badge.
Personally Identifiable Information (PII)	Information that could be used to compromise an individual's identity. Typically, information that is readily and easily available (e.g., name, address, e-mail address) is not PII. Information that is associated to an individual such as SSN, place of birth, date of birth, mother's maiden name, biometric records, medical history, previous diseases, weight, height, blood pressure, employment history, rating, disciplinary actions, financial information, security clearance history, credit card numbers, and bank account numbers.
Personnel Security	A defined set of policies, procedures and activities established to ensure that granting an individual access to classified matter and/or special nuclear material would not endanger the common defense and security, and would be clearly consistent with the national interest.
Piggybacking	Entering a security area with or behind a cleared authorized person who has vouched for the accompanying individual's authorization for access and need-to-know without using automated access controls. Piggybacking is no longer allowed at LANL.
Portable Electronic Devices (PEDs)	Devices that can store, read and/or write nonvolatile information and plug into a computer - such as thumb drives, CD/DVD write-drives, flash memory cards, external hard drives, etc. Also includes items capable of recording information or transmitting data such as recording equipment, cameras, portable computers, cell phones, PDAs, iPods, etc.
Prohibited Articles	Any item administratively restricted from being introduced into LANL property. Articles not permitted on LANL property, parking lots and leased areas include any dangerous weapons (guns, knives), explosives or other dangerous instrument or material likely to cause substantial injury or damage to persons or property; alcoholic beverages; controlled substances (illegal drugs and associated paraphernalia, but not prescription medication); and other items prohibited by law.

Word, Phrase or Term	Definition
Property Protection Area (PPA)	All LANL controlled property, including leased facilities, other than established Security Areas (LAs and above). PPAs are not authorized for storage or processing of classified matter; PPAs are established to protect Government-owned property against damage, destruction or theft. Portions of a PPA may be considered a Public Access Area during normal working hours such as the Otowi Cafeteria and the Bradbury Science Museum.
Protected Area (PA)	A security area defined by physical barriers (i.e., walls or fences) and surrounded by intrusion detection and assessment systems, to which access is controlled.
Protective Force	Those personnel assigned to protective duties at LANL involving the safeguards and security interests of LANL.
Public Access Area	Sidewalks, roadways and parking lots open to the general public, as well as identified portions of Property Protection Areas that are routinely open to the general public during normal business hours.
Q Access Authorization	A type of authorization granted by DOE indicating that the recipient is approved for access to the following levels and categories of classified matter on a need-to-know basis: Top Secret, Secret, and Confidential Restricted Data, National Security Information, and Formerly Restricted Data.
Requester	An individual within a LANL organization who is authorized by that organization to request that goods or services be procured on behalf of LANS.
Responsible Line Manager	First level of LANL management in the line-management chain responsible for security in his/her organization (e.g., division leader, group leader, program manager or office leader) that establishes and manages security initiatives, allocates resources, assesses performance and provides methods of accountability.
Reviewing Official	A worker authorized by the Classification Group to determine, based on UCNI guidelines, if matter under his or her cognizance contains UCNI.
Safeguards and Security Interest	A general term for any DOE resource or property that requires protection from malevolent acts. It may include but is not limited to classified matter, special nuclear material and other nuclear materials, secure communications centers, sensitive compartmented information facilities, automated data processing centers, facilities storing and transmitting classified information, vital equipment, or other DOE property.
Security Area	A physical space designated for DOE safeguards and security interests that requires physical protection measures. Such protection would entail controlling access to and from the designated area. Security areas include Property Protection Areas, Limited Areas and Limited Areas with Special Administrative Access Controls, Protected Areas, Material Access areas, SCIFs and SAPFs.
Security Infraction	The documentation of an administrative and/or disciplinary action assigned to an individual or organization which is taken in response to an incident of security concern. Issued to the person or organization determined to be responsible for an incident of security concern.
Sensitive Compartmented Information	Classified information concerning or derived from intelligence sources, methods, or analytical processes that is required to be protected in accordance with policy established by the Director of Central Intelligence.
Sensitive Compartmented Information Facility	An accredited area, room, group of rooms, or installations where Sensitive Compartmented Information may be stored, used, discussed, and/or electronically processed.

Word, Phrase or Term	Definition
Sensitive Country	A country of citizenship or birth to which particular consideration is given for political reasons during the DOE internal review and approval process of visits and assignments by foreign nationals. A foreign national is considered to be from a sensitive country if the person is a citizen of a sensitive country, if the person is employed in a sensitive country, or if the person is stateless.
Special Nuclear Material	Plutonium, uranium-233, uranium enriched in the isotope 235, and any other material pursuant to 42 U.S. C. 2071 (Section 51, as amended, of the Atomic Energy Act of 1954), which has been determined to be special nuclear material, but does not include source material; it also includes any material artificially enriched by any of the foregoing, not including source material.
Subcontract Technical Representative	The LANS employee who has technical and performance oversight of the subcontractor's scope of work including, but not limited to, engineering, procurement, safety, quality, schedule, and coordinated execution of the work that is carried out by the subcontractor. The STR has no authority to direct commercial or technical changes to any subcontract.
Subcontract Worker	Includes all individuals employed by SUBCONTRACTOR and those individuals employed by SUBCONTRACTOR'S lower-tier subcontractors and suppliers, who work for LANL (on-site and /or off-site); and deliver materials to LANL.
Tailgating	A practice in which a worker accessing a Security Area allows or fails to prevent others to enter with or behind him/her without verifying the clearance level on their badges or having personal knowledge of their authorization for access. Tailgating is never allowed at LANL.
Training	Formally planned instruction or delivery of information to improve individual knowledge, skills and job performance.
Unclassified Controlled Information	Unclassified information that may be exempt from public release under the Freedom of Information Act (5 U.S.C 552). Information is subject to legal or policy-based restrictions on dissemination. Information consists of Official Use Only (OUO) including LANS Proprietary Information (LPI); Personally Identifiable Information (PII); Export Controlled Information (ECI); Applied Technology (AT); Navel Nuclear Propulsion Information (NNPI); Reactor Safeguards Information (RSI); and Unclassified Controlled Nuclear Information (UCNI).
Unclassified Controlled Nuclear Information	Certain unclassified sensitive Government information concerning nuclear material, weapons, components or facilities whose dissemination is controlled under 42 U.S.C. 2168 (Section 148, as amended, of the Atomic Energy Act of 1954), DOE O 471.1A, *Identification and Protection of Unclassified Controlled Nuclear Information*, and DOE M 471.1-1, *Identification and Protection of Unclassified Controlled Nuclear Information*.
US Citizen	A person born or naturalized in the US who is subject to the jurisdiction thereof, is a citizen of the US and of the state wherein he or she resides.
Vault	A windowless enclosure with walls, floors, roofs and doors designed and constructed to significantly delay penetration from forced entry and equipped with intrusion detection system devices on openings allowing access.
Violation	Any action or intent that constitutes a violation of U.S. law or Executive Order or the implementing directives. An infringement of security rules and regulations.
Visitor	An individual who is not employed to work at LANL on either full or part-time basis.

Word, Phrase or Term	Definition
Vouching	An activity in which an individual (other than a member of the Protective Force) visually verifies the access authorization of another person for the purpose of piggybacking into a Security Area. Vouching is no longer allowed in security areas.
Wireless Devices	Any device that enables electronic communication without physical connections. Such technologies typically use radio frequency (RF) or infrared (IR) transmissions as the means for transmitting data.
Worker	Any person who performs work at or for the Laboratory; whether at the Laboratory's DOE-owned, leased or rented property or at off-site locations. Workers include LANS employees, subcontractors, vendors, external organization employees, affiliates and official visitors.

1.2 Acronyms

Acronym	Full Name
AD/DD	Associate Director / Deputy Director
ADSS	Associate Directorate Security & Safeguards
AT	Applied Technology
CA	Closed Area
CA/PS	Contract Administrator / Procurement Specialist
CMC	Classified Matter Custodian
CMPC	Classified Matter Protection and Control
CRADA	Cooperative Research and Development Agreement
CREM	Classified Removable Electronic Media
CSSM	Cyber Security Site Manager
CSSO	Cyber Systems Security Officer
DC	Derivative Classifier
DOE	Department of Energy
DSO	Deployed Security Officer
ECI	Export Controlled Information
e-QIP	Electronic Questionnaire for Information Processing
FOCI	Foreign Ownership, Control or Influence
FV&A	Foreign Visits and Assignments
GET	General Employee Training
HRP	Human Reliability Program
ISEC	Internal Security
ISSM	Integrated Safeguards and Security Management
ISSO	Information Systems Security Officer
LA	Limited Area
LANL	Los Alamos National Laboratory
LANS	Los Alamos National Security, LLC
LASO	Los Alamos Site Office of the NNSA
LDRD	Laboratory-Directed Research & Development
LPI	Los Alamos National Security, LLC Contractor owned and Proprietary Information
MAA	Material Access Area
MC&A	Material Control and Accountability
NAP	NNSA Administrative Policy
NNPI	Naval Nuclear Propulsion Information
NNSA	DOE National Nuclear Security Administration

Acronym	Full Name
OCSR	Organizational Computer Security Representative
OM-MS	Occupational Medicine – Medical Services
OPSEC	Operations Security
OUO	Official Use Only
PA	Protected Area
PEDs	Portable Electronic Devices
PESDs	Portable Electronic Storage Devices
PII	Personally Identifiable Information
PIV	Personal Identification Verification
POC	Point of Contact
PPA	Property Protection Area
QNSP	Questionnaire for National Security Positions
RLM	Responsible Line Manager
RSI	Reactor Safeguards Information
SAPF	Special Access Program Facility
SCI	Sensitive Compartmented Information
SCIF	Sensitive Compartmented Information Facility
SIT	Security Inquiry Team
SNM	Special Nuclear Material
SOW	Statement of Work / Scope of Work
SPL	Security Program Lead
STE	Secure Telecommunications Equipment (the type of encrypted telephone used for classified conversations)
STR	Subcontract Technical Representative
STU	Secure Telecommunications Unit (the type of encrypted telephone used for classified conversations)
TS	Top Secret
UCNI	Unclassified Controlled Nuclear Information