

U.S. Department of Energy
Washington, D.C.

ORDER

DOE O 470.6

Approved: 09-02-2015

SUBJECT: TECHNICAL SECURITY PROGRAM

1. PURPOSE.

- a. This order implements the Department of Energy (DOE) Technical Security Program (TSP). This program represents the convergence of two distinct disciplines: Counterintelligence (CI) and Security Countermeasures. The elements of the TSP are driven by national level, interagency programs that are codified in various laws, Executive Orders, national policies and directives.
- b. The DOE TSP includes the following elements:
 - (1) **Technical Surveillance Countermeasures (TSCM)** designed to detect, deter, isolate, and nullify technical surveillance penetrations and technical security hazards.
 - (2) **TEMPEST** designed to prevent the unauthorized intercept of compromising emanations that may be present in information processing communication equipment, systems, and components.
 - (3) **Protected Distribution Systems (PDS)** designed to protect unencrypted classified signal/data lines that exit secure areas and traverse through areas of lesser security. [see Attachment 2, paragraph j.(87)]
 - (4) **Wireless Security (WISEC)** designed to test/evaluate the impact of mobile and fixed wireless communication devices used in or near classified and sensitive unclassified activity areas for the purpose of determining risks and countermeasures. [see Attachment 2, paragraph j.(10)]
 - (5) **Communications Security (COMSEC)** designed to protect and control the means and materials used to provide encrypted communications.

2. CANCELLATIONS.

- a. DOE M 470.4-4A Chg. 1, Information Security Manual, dated 10-12-2010, Section D – Technical Surveillance Countermeasures (Official Use Only) and classified annex (Secret).
- b. DOE M 205.1-3, Telecommunications Security Manual (Official Use Only) and Part II (Secret), dated 4-17-2006. to include classified annexes.

- c. Cancellation of a directive does not, by itself, modify or otherwise affect any contractual or regulatory obligation to comply with the directive. Contractor Requirements Documents (CRDs) incorporated into a contract remain in effect throughout the term of the contract unless and until the contract or regulatory commitment is modified to either eliminate requirements no longer applicable or substitute a new set of requirements.

3. APPLICABILITY.

- a. All Departmental Elements. Except for the equivalencies/exemptions in paragraph 3.f., this Order applies to all Departmental Elements. The Administrator, National Nuclear Security Administration (NNSA), must ensure that NNSA employees comply with their responsibilities under this Order. Nothing in this Order will be construed to interfere with the NNSA Administrator's authority under section 3212(d) of the National Nuclear Security Administration Act (NNSA Act, 50 U.S.C. § 2402(d)) and section 3212(d) of Public Law (P.L.) 106-65, National Defense Authorization Act for Fiscal Year 2000, to establish Administration-specific policies, unless disapproved by the Secretary.
- b. DOE Contractors. Except for the equivalencies/exemptions in paragraph 3.f., the CRD, Attachment 1, sets forth requirements of this Order that will apply to contracts that include the CRD. The CRD must be included in contracts that involve classified and/or Sensitive But Unclassified (SBU)/Controlled Unclassified Information (CUI).
- c. This Order applies to the Bonneville Power Administration (BPA). The BPA Administrator will assure that BPA employees and contractors comply with their respective responsibilities under this directive consistent with BPA's self financing, procurement and other statutory authorities.
- d. The requirements in this Order apply to DOE (and DOE contractor) activities and facilities that are subject to licensing and related regulatory authority or certification by the Nuclear Regulatory Commission (NRC). The requirements in this Order should be applied consistent with Executive Order 12829, "Executive National Industrial Security Program" (January 6, 1993), the 1996 "Memorandum of Understanding Between the U.S. Department of Energy and the U.S. Nuclear Regulatory Commission Under the Provisions of the National Industrial Security Program" as may be amended or superseded, and related memoranda of understanding between NRC and DOE concerning classified information, executed in accordance with applicable laws, regulations, policies, directives, and requirements.
- e. In accordance with the responsibilities and authorities assigned by Executive Order 12344, codified at 50 USC sections 2406 and 2511 and to ensure consistency through the joint Navy/DOE Naval Nuclear Propulsion Program, the Deputy Administrator for Naval Reactors (Director) will implement and

oversee requirements and practices pertaining to this Directive for activities under the Director's cognizance, as deemed appropriate.

f. Equivalencies/Exemptions for DOE O 470.6.

Equivalencies and exemptions from the requirements of this Order are processed in accordance with DOE O 251.1C, *Departmental Directive Program*.

Equivalencies and exemptions dealing with COMSEC issues can only be granted by the Central Office of Record.

Requests for equivalencies or exemptions from the requirements in this Order must be supported by a Technical Security Vulnerability Assessment (TSVA). The analysis must identify compensatory measures, if applicable, or alternative controls to be implemented. All approved equivalencies and exemptions under this Order must be entered in the Safeguards and Security Information Management System (SSIMS) database and incorporated into the affected security plan(s) except for Sensitive Compartmented Information Facilities (SCIFs), Special Access Program Facilities (SAPFs) and the information that falls under the authority of the Director of National Intelligence (DNI) or a Special Access Program (SAP) Manager. Equivalencies and exemptions become a valid basis for operation when they have been entered in SSIMS or approved by the Senior Intelligence Officer (SIO) or SAP Program Manager and documented in the appropriate security plan, and incorporated into site or facility procedures.

This Order's requirements are found in, or based on regulations issued by Federal agencies, laws, National Security Directives, Intelligence Community Issuances, Committee on National Security System (CNSS) Issuances, Code of Federal Regulations (CFR), Executive Orders, and Presidential Directives. In such cases, the process for deviating from requirements contained in the source document must be applied. If the source document does not include a deviation process, the DOE Office of the General Counsel or NNSA Office of General Counsel, if an NNSA element is involved, must be consulted to determine whether deviation from the source can be legally pursued. TSP Director review for concurrence or non-concurrence is required for both exemptions and equivalencies to this Order.

4. REQUIREMENTS.

- a. Only properly trained and certified individuals will conduct TSP operational program activities, such as TSCM services, TSP Reviews, COMSEC utilization determinations, or TEMPEST reviews in accordance with this Order.
- b. All classified and sensitive unclassified information in all forms must be protected in accordance with all applicable laws, regulations, policies, and directives.

- c. Program offices must provide resources necessary to effectively implement all elements included within this Order. This includes but is not limited to equipment, processes, training, personnel, and direction.
- d. Documentation relevant to the TSP and this Order must be maintained and upon request provided to the Director, TSP. Distribution of the classified TSP Annexes is limited to the TSP programmatic channels, their designees, or others as determined by the Director, TSP, based upon a need-to-know determination.
- e. Access to TSP operational information and activities requires appropriate clearance, relevant access approval, and need-to-know. Distribution of Attachments 3, 4 and 5 of this order is determined by the Director, TSP.
- f. Methods to deter, detect, respond to, and mitigate unauthorized access to classified and sensitive unclassified information that conform with the requirements of this Order must be implemented.
- g. Reciprocity requirements between departments and agencies in which reciprocal acceptance of interagency security policies and procedures is designed to reduce aggregate costs, promote interoperability of agency security systems, preserve the vitality of the U.S. industrial base, and advance national security objectives must be implemented.
- h. Information requested by the TSP Office must be provided as requested/required. Additional requirements for conducting and reporting service activities are found in the attachments to this Order. Distribution of the classified TSP Annex to Attachment 3 is limited to the Officially Designated Federal Security Authority (ODFSA), their designees, or others as determined by the Director, TSP on a need-to-know basis.
- i. TSP programs must comply with requirements described in attachments 2, 3, 4 and 5, to include the classified annex to Attachment 3.

5. RESPONSIBILITIES.

- a. The Secretary of Energy. Designates the Departmental Certified TEMPEST Technical Authority (DCTTA) pursuant to National Security Directive 42, National Policy for the Security of National Security Telecommunications and Information Systems.
- b. The Administrator, NNSA.
 - (1) Establishes, funds and maintains a TSP. Ensures that an adequate number of qualified personnel and the appropriate equipment are available to effectively support the TSP mission requirements within the NNSA.
 - (2) At the request of the DOE TSP, provides access to NNSA inspection summary reports that provide the dates of inspections; descriptions of the

facilities or spaces inspected; lists of hazards, vulnerabilities, and findings; and required corrective actions.

- (3) The NNSA TSP must report any unauthorized electronic device or technology discovery, or suspect anomaly/potential compromise to the DOE TSP immediately.
 - (4) NNSA TSP coordinates with DOE on any major change to the TSCM/TEMPEST programs or implementation.
- c. Chief Security Officers. Will ensure that the requirements of this Order and its attachments are implemented for facilities, activities, or programs under their cognizance thru the Program Offices and Officially Designated Federal Security Authorities.
- d. Secretarial Officers. Ensure that the requirements of this Order and its attachments are implemented for facilities, activities, or programs under their cognizance. Review, and where justified, approve requests for equivalencies and exemptions to the requirements of this Order, processed in accordance with DOE O 251.1C.
- e. Associate Undersecretary for Health, Safety and Security.
 - (1) Is programmatically responsible for the DOE TSP elements for the Department.
 - (2) Designates the senior agency official responsible for directing, managing, providing oversight and administering the DOE TSP.
 - (3) Establishes and maintains an effective DOE TSP in accordance with national policy and reciprocity requirements.
 - (4) In coordination with the Heads of Field Elements, notifies contracting officers when DOE contractors are affected by this Order.
 - (5) Performs annual program reviews to evaluate ongoing activities; reviews future plans and projects, resource requirements and major concerns and issues.
- f. Director, Office of Corporate Security Strategy, Analysis and Special Operations.
 - (1) Is functionally responsible for the DOE TSP elements for the Department.
 - (2) Will mediate any difference in professional opinion concerning TSP activities between elements.
- g. Director, Technical Security Program.

- (1) Authorizes appropriate DOE organizations to conduct TSP services, acquire and possess TSP equipment, and have TSCM/TEMPEST Service practitioners.
- (2) Develops, coordinates, and interprets the Department's TSP policy consistent with strategies and reciprocity policies governing the protection of national security and other critical assets entrusted to the Department.
- (3) Provides TSP services/functions for DOE Headquarters facilities and provides field assistance as necessary.
- (4) Serves as the Central Office of Record (COR) for COMSEC accounting for DOE, including NNSA. Establishes and maintains a COMSEC Material Control System (CMCS) for the Department. Administers the activities of the DOE COR Manager.
- (5) Controls usage and disposition of all COMSEC material used by DOE offices and DOE contractors when such material is used in conjunction with activities funded, contracted for, or otherwise arranged for by DOE.
- (6) Coordinates with program offices regarding the release or disclosure of classified and sensitive unclassified TSP information.
- (7) Represents DOE, including NNSA, on interagency policy coordinating committees and other technical support working groups and keeps TSP personnel informed of national and Departmental policy developments.
- (8) Coordinates planning, selection, acquisition, use, and disposition of all cryptographic equipment, crypto-related equipment, authentication material, and algorithms approved for the protection of sensitive unclassified COMSEC information.
- (9) Reviews the effectiveness and efficiency of DOE secure communications operations and initiates recommendations or changes for improvement where necessary.
- (10) Administers an on-site COMSEC audit and crypto-facility survey program pertaining to crypto-security, transmission security, and emissions security.
- (11) Coordinates and approves interagency TSP activities.
- (12) Chairs the Process Implementation Working Group.
- (13) Approves TSCM and TEMPEST specific training content and equipment purchases.

- (14) Approves personnel who will conduct TSP operational activities such as TSMC services, TSP reviews, COMSEC utilization determinations or TEMPEST reviews.
- (15) Assumes operational control of TSP activities during TSP security incidents as outlined in attachment 4. If NNSA equities are involved, activities will be coordinated with the appropriate NNSA entity.

h. Director, Office of Intelligence and Counterintelligence.

- (1) Acts as liaison, as requested by Director, TSP, with other agencies of the Intelligence Community on matters relevant to the TSP.
- (2) Provides intelligence-related information concerning TSP programs to the Director, TSP.
- (3) Conducts counterintelligence (CI) activities and provides CI for TSP activities.
- (4) Ensures all Intelligence Work (IW) projects at the national laboratories comply with this directive to ensure reciprocity and protection of DOE information.
- (5) Appoints a liaison responsible for coordinating implementation of TSP requirements with respect to SCIFs.
- (6) Ensures that approved documentation for their programs, sites, facilities, and operations is developed, maintained, and provided to TSP personnel as necessary.
- (7) Provides access to systems and areas under their control for TSP personnel to perform activities required in this Order.
- (8) Grants all necessary access for program reviews, audits, inspections, surveys and/or inquiries.
- (9) Serves as ODFSA for TSP requirements for all DOE SCIFs.

i. Office of the Chief Information Officer.

- (1) Provides support to activities of the TSP required in this Order.
- (2) Acts as liaison between TSP and Other Government Agencies (OGAs) for cyber related issues.
- (3) Ensures DOE information systems comply with all national policies to include requirements set forth in National Institute of Standards and Technology (NIST) and CNSS issuances.

- (4) Informs Director, TSP, on all cyber forms of information system compromise that intersect with TSP specific responsibilities as outlined in this Order.
- (5) Coordinates with DOE TSP to facilitate exchange of information specific to threats to information systems.

j. Heads of Field Elements and Offices.

- (1) Are functionally responsible for the DOE TSP elements at locations under their cognizance.
- (2) Designate Federal officials responsible for directing, managing, oversight and administering the TSP activities for their sites/areas of responsibility.
- (3) Determine TSP staffing positions appropriate for locations under their cognizance and ensure necessary resources are available for an effective DOE TSP in accordance with national policy and reciprocity requirements and this order.
- (4) Designate a Federal Official/s responsible for implementation of TSP activities for their sites/areas of responsibility.
- (5) Ensure annual program reviews are performed to evaluate ongoing activities; establish future plans and projects; determine resource requirements, including the resources necessary to implement and administer this Order and major concerns and issues.
- (6) Will maintain a list of facilities requiring TSP services for the next fiscal year to include the nature of the services needed.
- (7) Will maintain a list of facilities that do not meet the minimum technical and physical security requirements as required by this Order.
- (8) Will maintain Equivalencies/Exemption documentation for facilities that will not receive requisite support, or do not meet the minimum technical and physical security requirements.
- (9) Suspend or cancel the classified activities in facilities when notified of vulnerabilities that place classified information at risk. Ensure the expeditious implementation of effective mitigation strategies to prevent the loss, compromise or potential unauthorized disclosure of classified information.
- (10) Will report the discovery of technical security hazards and technical penetrations to the TSCMPM, or the Director, TSP, who will notify the appropriate program offices, including the Office of Counterintelligence and the Departmental element.

- k. Delegation of Authority. Each delegation must be documented in written form. It may be included in other security plans or documentation approved by or according to direction from the accountable principal. Each delegator remains responsible for the delegate's acts or omissions in carrying out the purpose of the delegation.
 - l. Contracting Officers. Upon final approval, modify contracts to incorporate the CRD (attachment 1) and program-specific implementing instructions from NNSA and DOE program offices into those contracts that involve classified information, classified matter or nuclear materials and contain DEAR clause 952.204-2, titled Security Requirements.
6. DEFINITIONS. For purpose of this order, the following definitions apply.
- a. Access. In addition to physically accessing a room or facility, it is also the ability and means to communicate with or otherwise interact with a system, to use system resources to handle information, to gain knowledge of the information the system contains, or to control system components and functions.
 - b. Cognizant Security Authority. See definition for Officially Designated Federal Security Authority (ODFSA).
 - c. Classified Information. Information regardless of form or characteristics which is classified by statute or Executive Order (E.O.). Such information includes:
 - (1) Restricted Data (RD) or Formerly Restricted Data (FRD) classified by the Atomic Energy Act or Title 10, Code of Federal Regulations part 1045;
 - (2) Transclassified Foreign Nuclear Information (TFNI classified by the Atomic Energy Act), and
 - (3) National Security Information (NSI) classified by E.O. 13526 or prior E.O.
 - d. Classified Matter. Anything in physical form that contains or reveals classified information.
 - e. Compromising Emanations (CE). Unintentional signals that, if intercepted and analyzed, would disclose the information transmitted, received, handled, or otherwise processed by information system equipment. See TEMPEST
 - f. Controlled Unclassified Information. Unclassified information that requires safeguarding and dissemination controls, to the extent consistent with applicable statutes, regulations and Government policies.
 - g. Critical Information. Specific facts about friendly (e.g., U.S.) intentions, capabilities, or activities vitally needed by adversaries for them to plan and act

effectively so as to guarantee failure or unacceptable consequences for accomplishment of friendly objectives.

- h. Facility Technical Threat Assessment (FTTA). A weighted system for determining the need and priority of TSCM services. Its purpose is to identify potential targets and to quantify the overall effectiveness of the site or facility's protection strategy. This is accomplished by analyzing the site or facility's characteristics: the presence of sensitive or classified material; local and national threat assessments; protective force capabilities; and the presence of neutralization/countermeasures mitigations. The FTFA value helps the TSCMPM determine the number of sites and facilities that require services and the priority for their completion.
- i. Information System. A discrete set of information resources organized for the collection, processing, maintenance, use, sharing, dissemination, or disposition of information.
- j. National Security System (NSS). Any information system (including any telecommunications system) used or operated by an agency or by a contractor of an agency, or other organization on behalf of an agency—
 - (1) the function, operation, or use of which—
 - (a) involves intelligence activities;
 - (b) involves cryptologic activities related to national security;
 - (c) involves command and control of military forces;
 - (d) involves equipment that is an integral part of a weapon or weapons system; or
 - (e) Is critical to the direct fulfillment of military or intelligence missions; or
 - (2) Is protected at all times by procedures established for information that have been specifically authorized under criteria established by an Executive order or an Act of Congress to be kept classified in the interest of national defense or foreign policy.
 - (3) Does not include a system that is to be used for routine administrative and business applications (including payroll, finance, logistics, and personnel management applications). [44 U.S.C.3542(b)(2)]
- k. Officially Designated Federal Security Authority (ODFSA). ODFSA's are Federal employees that possess the appropriate knowledge and responsibilities for each situation to which they are assigned through delegation. The ODFSA is

charged with responsibility for physical, technical, personnel, and information security matters affecting the location identified in the delegation.

Delegation authority for these positions is originated according to direction from the accountable Undersecretary who also provides direction for further delegation of the ODFSA designations. Each delegation must be documented in written form. It may be included in other security plans or documentation approved by or according to direction from the accountable principal. Each delegator remains responsible for the delegate's acts or omissions in carrying out the purpose of the delegation. For sites with multiple ODFSAs, an ODFSA may redelegate responsibilities to a local TSCMOM provided all site ODFSAs agree to the redelegation.

- l. Policy and Process Implementation Working Group. A Working Group to develop procedures or guides as necessary to assist in implementation of this Order and to review the Order for necessary changes as technologies, laws, national policies, threats, or DOE policies are created or updated that affect the programs within the TSP.
- m. System. Any organized assembly of resources and procedures united and regulated by interaction or interdependence to accomplish a set of specific functions.
- n. Technical Hazard. Any instance of information potentially leaving an area by unauthorized means due to equipment design or manufacture, damage, breakdown, configuration, or installation. All Hazards will be treated as penetrations until determined to be Hazards and categorized by the DOE TSP, in coordination with affected parties.
- o. Technical Penetration. Any instance of information leaving an area by unauthorized technical means for monitoring by unauthorized entities, either through installation of a technical surveillance device, manipulation of software, interception and monitoring of fortuitous emanations, or intentional creation of a hazard.
- p. Technical Security Vulnerability Assessment (TSVA). Systematic examination of information systems, facilities, or products to determine the adequacy of technical and physical security measures, identify technical and security deficiencies, provide data from which to predict the effectiveness of proposed security measures, and confirm the adequacy of such measures after implementation.
- q. TEMPEST. A name referring to the investigation, study, and control of compromising emanations from telecommunications and automated information systems equipment.

- r. User. Individual, or (system) process acting on behalf of an individual, authorized to access an information system.
 - s. Vulnerability Assessment (VA). A systematic examination of an information system or product to determine the adequacy of security measures, identify security deficiencies, provide data from which to predict the effectiveness of proposed security measures, and confirm the adequacy of such measures after implementation.
7. REFERENCES. A list of references to assist in implementation of this order provided as attachment 2.
8. CONTACT. For assistance regarding this directive, contact Director, DOE TSP, (301) 903-9992.

BY ORDER OF THE SECRETARY OF ENERGY:



ELIZABETH SHERWOOD-RANDALL
Deputy Secretary

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ATTACHMENT 1 CONTRACTOR REQUIREMENTS DOCUMENT

This Contractor Requirements Document (CRD) established the (DOE) Technical Security Program (TSP) requirement for the Department of Energy (DOE) contractors, including National Nuclear Security Administration (NNSA) contractors which process, discuss, and/or store classified national security information, restricted data, nuclear materials and/or sensitive but unclassified information.

Regardless of the performer of the work, contractors must comply with the requirements of attachments 2, 3 (including its Classified annex), 4 and 5 to DOE 470.6 referenced in and made part of this CRD and providing program requirements and information applicable to contracts in which this CRD is inserted. Contractors must also comply with DOE program offices and NNSA direction provided through the contract.

Each contractor is responsible for disseminating (flowing down) the requirements to subcontractors at any tier to the extent necessary to ensure the contractor's and subcontractor's compliance with the requirements.

Contractors must comply with applicable laws, regulations, policies, directives and other requirements as directed through contract by the NNSA or other DOE program office(s). The contractor must establish and maintain an effective assurance system that provides appropriate transparency to Federal oversight regarding TSP programs and overall performance.

A violation of the provisions of the contract/CRD relating to the safeguarding or security of Restricted Data or other classified information may result in a civil penalty pursuant to subsection a. of section 234B of the Atomic Energy Act of 1954, as amended (42 U.S.C. § 2282b). The procedures for the assessment of civil penalties are set forth in 10 CFR Part 824, Procedural Rules of the Assessment of Civil Penalties for Classified Information Security Violations.

Contractors which process, discuss, and/or store **ONLY** Sensitive But Unclassified (SBU) or Controlled Unclassified Information (CUI) as identified in the National Archives and Records Administration (NARA) CUI Registry, must develop and maintain a graded risk process and assessment for the protection of SBU/CUI in accordance with the requirements of attachments 2, 3, 4 and 5 to DOE Order 470.6. The graded risk process and assessment must be available to the responsible ODFSA, upon request.

ATTACHMENT 2 REFERENCES

1. OBJECTIVE. The following list of references is provided to assist in implementing this Directive. The requirements contained in these national-level documents are to be adhered to unless the appropriate equivalency or exemption has been approved. This list is not exhaustive and other National TSP policies, to include those with titles that are either Official Use Only or classified are not contained in this list, but are still required to be fully implemented. Any successor documents to these references must also be adhered to.
2. REFERENCES
 - a. Websites. The following tools and links may assist in locating unclassified DOE and national directives that have requirements that apply to this topical area. The documents provided within each tool may not be the official versions of the associated laws, policy and requirements documents, and directives. The current official version of any requirements directives must be used when developing policy or procedures. Links or references to the official documents or their websites are provided when available
 - (1) Department of Energy (DOE) Directives - <https://www.directives.doe.gov/>
 - (2) DOE Environment, Health, Safety and Security Safeguard and Security Policy Information Resource - <https://pir.doe.gov/>
 - (3) National Nuclear Security Administration (NNSA) Policy Information Resource - <https://spr.energy.gov/>
 - (4) National Institute of Standards and Technology (NIST) - <http://www.nist.gov/publication-portal.cfm>
 - (5) Committee on National Security Systems - <https://www.cnss.gov/>
 - (6) National Security Agency Information Assurance Directorate (NSA IAD) - <https://www.iad.gov/iad/index.cfm>
 - (7) National Archives - <http://www.archives.gov/federal-register/> (Federal Laws, Executive Orders, Etc.)
 - (8) National Counterintelligence and Security Center (NCSC) - <http://www.ncsc.gov/> (Counterintelligence and Security Issuances)
 - (9) Director of National Intelligence (DNI) Issuances - <http://www.dni.gov/index.php/intelligence-community/ic-policies-reports> (Intelligence Community Directives, Policies, etc.)

- (10) Department of Defense (DOD) Issuances -
<http://www.dtic.mil/whs/directives/>

b. National Strategies:

- (1) The National Technical Surveillance Countermeasures Strategy of the United States of America, 2008 (S/NF)
- (2) The National Counterintelligence Strategy of the United States, 2009

c. Public Laws (P.L.):

- (1) P.L 108–458 - Intelligence Reform and Terrorism Prevention Act of 2004, December 17, 2004.
- (2) P.L 107-347 - E-Government Act, Title III - Federal Information Security Management Act (FISMA), December 2002.
- (3) P.L 107-306 - Counterintelligence Enhancement Act of 2002, as Amended
- (4) P.L. 106-65, National Defense Authorization Act for Fiscal Year 2000, Title XXXII, National Nuclear Security Administration, as amended.
- (5) P.L. 104–294, Economic Espionage Act of 1996, October, 11 1996.
- (6) P. L. 100-235, Computer Security Act of 1987.
- (7) P.L. 83-703, Atomic Energy Act of 1954, as amended.
- (8) P. L. 110–53. National Security Act of 1947, As Amended August 2007.
- (9) United States Code (U.S.C): Title 18 - Crimes and Criminal Procedures - Chapters 37, 90, 119
- (10) U.S.C.: Title 18 Chapters 798, Disclosure of Classified Information.
- (11) U.S.C: Title 50 – War and National Defense – Chapters 4 a, 4b, 4c, 36, 42, 44
- (12) U.S.C.: Title 50 Chapter 2426, Congressional Oversight of Special Access Programs.
- (13) 5 Code of Federal Regulations (CFR), parts 731 and 752, Administrative Personnel.
- (14) 10 CFR part 851, Worker Safety and Health Program.
- (15) 32 CFR parts 148 and 149, National Defense, Sub Title A, Chapter 1

- (16) 32 CFR parts 2001 and 2003, National Defense.
- (17) 32 CFR parts 2004, National Industrial Security Program.

d. Executive Orders (E.O.) issued by the President:

- (1) E.O. 13231, Critical Infrastructure Protection in the Information Age, October 16, 2001.
- (2) E.O. 13526, Classified National Security Information, December 2009.
- (3) E.O. 13587, Structural Reforms to Improve the Security of Classified Networks and the Responsible Sharing and Safeguarding of Classified Information, October 2011.
- (4) E. O. 13556, Controlled Unclassified Information, November 2010.
- (5) E.O. 13284, Executive Order Amendment of Executive Orders and Other Actions in Connection with the Transfer of Certain Functions to the Secretary of Homeland Security, January 23, 2003.
- (6) E.O. 12829, National Industrial Security Program.
- (7) Amended by E.O.12885, Amendment to Executive Order No. 12829.
- (8) E.O. 12968, Access to Classified Information.
- (9) E.O. 13462, President's Intelligence Advisory Board and Intelligence Oversight Board.
- (10) E.O. 12333, United States Intelligence Activities. Amended by E.O. 13284, Amendment of Executive Orders, and Other Actions, in Connection With the Establishment of the Department of Homeland Security. Amended by E.O. 13355, Strengthened Management of the Intelligence Community.

e. Federal Policies:

- (1) National Security Directive (NSD)-42, National Policy for the Security of National Security Telecommunications and Information Systems, July 1990
- (2) NSD -47, Counterintelligence and Security Countermeasures, October 1990
- (3) National Security Decision Directive (NSDD) 84, Safeguarding National Security Information, March 1983.

- (4) NSDD 298, National Operations Security Program, January 1988.
- (5) National Industrial Security Program Operating Manual, February 2006 with Change 1, March 2013.
- (6) National Industrial Security Program Operating Manual Supplement, 2006.
- (7) NSDD 19, Protection of Classified National Security Council and Intelligence Information.
- (8) Security Policy Board (SPB) Issuance 4-97, Reciprocity of Facilities National Policy on Reciprocity of Use and Inspections of Facilities.
- (9) SPB Issuance 5-97, Guidelines for the Implementation and Oversight of the Use and Inspections of Facilities.
- (10) SPB Issuance 6-97, National Policy on Technical Surveillance Countermeasures.
- (11) SPB Procedural Guide 1-99, The Conduct of a TSCM Survey. (S)
- (12) SPB Procedural Guide 2-99, Requirements for Reporting and Testing of TSCM Penetrations. (S)
- (13) SPB Procedural Guide 3-99, Requirements for Reporting and Testing of Technical Hazards. (OUO)
- (14) Presidential Decision Directive (PDD)/NSC 61, Energy Department Counterintelligence, February 1998. (C)
- (15) PDD/NSC-63, Critical Infrastructure Protection, May 1998. (OUO)
- (16) White House Memorandum, SUBJECT: Policies on Technical Surveillance Countermeasures and Reciprocity for Facilities, September 16, 1997.
- (17) Physical Security Criteria for Federal Facilities, Interagency Security Committee Standard, April 12, 2010 (OUO)
- (18) Federal Information Processing Standards (FIPS) Publication 140-2, Security Requirements for Cryptographic Modules, February 2004.
- (19) FIPS Publication 199, Standards for Security Categorization of Federal Information and Information Systems, February 2004.

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ATTACHMENTS 3-5 are OUO, with a classified annex

Available through Sam Soley