

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

ORDER

DDE 5636.2

1-10-80

SUBJECT:

SECURITY REQUIREMENTS FOR CLASSIFIED AUTOMATIC DATA
PROCESSING SYSTEMS

1. PURPOSE. This order establishes uniform requirements, policies, and responsibilities for the development and implementation of a Department of Energy (DOE) program to ensure the security of information stored in classified automated data processing (ADP) systems. The order implements Office of Management and Budget (OMB) Circular A-71, as supplemented by Transmittal Memorandum No. 1, of 7-27-78, for classified ADP systems. It is to be used in conjunction with DOE 1360.2, Computer Security Program for Unclassified Computer Systems, to provide a DOE-wide program for computer security.
2. CANCELLATION. This order replaces former Energy Research and Development Administration Manual Chapter 2703, SECURITY OF AUTOMATIC DATA PROCESSING SYSTEMS.
3. SCOPE. The provisions of this order apply to all elements of the DOE, contractors, and subcontractors which process, store, or produce classified data on an ADP system.
4. REFERENCES.
 - a. OMB Circular A-71 as supplemented by Transmittal Memorandum No. 1., Security of Federal Automated Information Systems, of 7-27-78, promulgates policy and responsibilities for the development and implementation of computer security programs by executive branch departments and agencies.
 - b. Executive Order 12065, National Security Information, of 6-28-78, authorizes classification of information pertaining to the national security.
 - c. Atomic Energy Act of 1954, as amended (hereinafter referred to as the Atomic Energy Act), provides the policy to control the dissemination and declassification of Restricted Data (RD) in such a manner to assure the common defense and security.

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- d. DOE Order 136D.2, Computer Security Program for Unclassified Computer Systems, of 3-9-79, establishes policies and procedures for the DOE unclassified computer security program.
 - e. National Bureau of Standards (NBS) Federal Information Processing Standards Publications (FIPS PUB) 39, Glossary for Computer Systems Security, of 2-15-76, defines the technical terms used in this order.
 - f. FPM Letter 732-7, Personnel Security Program for Positions Associated With Federal Computer Systems, of 11-14-78, provides that positions associated with federal computer systems be annotated with a position sensitivity.
5. POLICY. It is the policy of DOE that the information in all classified ADP systems be protected adequately. The DOE will use physical security, personnel security, procedural (administrative) security, communications security, and hardware and software security measures to protect classified data. The DOE computer security program will be consistent with all Federal policies, procedures, and standards. Classified Foreign Intelligence stored in DOE ADP systems will be protected in accordance with Director of Central Intelligence Directive No. 1/16 (Security of Foreign Intelligence in Automated Data Processing Systems and Networks).
6. DEFINITIONS. This order incorporates the definitions of FIPS PUB 39.
- a. Accreditation. The authorization and approval, granted to an ADP system or network, to process classified data. It is made on the basis of a certification by designated technical personnel of the extent to which design and implementation of the system meets previously specified technical requirements for adequate security.
 - b. ADP System Security. All of the technological safeguards and managerial procedures established and applied to computer hardware, software, and data in order to ensure the protection of classified information.
 - c. Certification. The technical evaluation, made as part of the accreditation process, that establishes the extent to which a particular computer system or network design and implementation meet a specified set of security requirements.

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