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# **DOE TECHNICAL STANDARDS LIST**

## **DEPARTMENT OF ENERGY STANDARDS INDEX**



**U.S. Department of Energy**  
**Washington, D.C. 20585**

**AREA SDMP**

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**FOREWORD**

1. This Department of Energy (DOE) technical standards list (TSL) has been prepared by the Office of Nuclear and Facility Safety Policy (EH-22) on the basis of currently available technical information. Periodic updates of this TSL will be issued as additional information is received on DOE Technical Standards and other Government and non-Government standards being issued, adopted, revised, or canceled by DOE.
2. This document was prepared for use by personnel involved in the selection and use of DOE Technical Standards and other Government and non-Government standards. This TSL provides listings of current DOE Technical Standards, non-Government standards that have been adopted by DOE, other Government documents in which DOE has a recorded interest, and canceled DOE Technical Standards. Information on new DOE Technical Standards projects, technical standards released for coordination, recently published DOE Technical Standards, and activities of non-Government standards bodies that may be of interest to DOE is published monthly in *Standards Actions*.
3. Beneficial comments (recommendations, additions, and deletions) and any pertinent data that may be of use in improving this document should be addressed to: Manager, DOE Technical Standards Program (EH-22), U.S. Department of Energy, Washington, DC 20585.

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C. Other Government Documents ..... C-1  
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## 1. ORDERING INSTRUCTIONS

- 1.1 DOE Technical Standards. Copies of DOE Standards (STDs), handbooks (HDBKs), specifications (SPECS), and technical standards lists (TSLs) may be obtained by DOE employees and DOE contractors. DOE subcontractors and the public may also obtain copies of these documents from the DOE Technical Standards Program Web Site at the Internet address (URL) listed below:

**<http://www.eh.doe.gov/techstds>**

- 1.2 Non-Government standards adopted by DOE. Non-Government standards listed in Appendix B are available from the organizations that prepare or distribute the documents. The names of the organizations listed in Appendix B are provided at the end of the appendix along with an address and telephone number. These documents may also be available at libraries or from commercial information service companies.

- 1.3 Federal and military standardization documents. Copies of Federal and military specifications, standards, handbooks, and Commercial Item Descriptions are available from:

Defense Printing Service Detachment Office (DPSDO)  
Document Automation and Production Service  
Building 4/Section D  
700 Robbins Avenue  
Philadelphia, Pennsylvania 19111-5094

Assistance with orders may be available by calling (215) 697-6396. Information on ordering Federal and military standardization documents can also be obtained at the Internet address (URL) listed below:

**<http://dodssp.daps.dla.mil/>**

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### 2. DEFINITIONS

Definitions of key terms used in this TSL are defined as follows:

- 2.1 Federal Supply Class (FSC). A four-digit Federal coding structure used to group technical standards into specific classes of commodities for procurement and standards management purposes. The first two digits of each Federal Supply Class represent the related Federal Supply Group (FSG). FSCs are discussed in the *Directory of Points of Contact for the DOE Technical Standards Program* (DOE-TSL-2), and clarified in the *Federal Supply Classification, Part 1, Groups and Classes* (DoD Cataloging Handbook H2-1).
- 2.2 Federal Supply Group (FSG). A two-digit Federal coding structure (used as the first of four digits) to group related Federal Supply Classes into logical families for standards management purposes. FSGs are discussed in the *Directory of Points of Contact for the DOE Technical Standards Program* (DOE-TSL-2), and clarified in the *Federal Supply Classification, Part 1, Groups and Classes* (DoD Cataloging Handbook H2-1).
- 2.3 Functional Areas. Standardization categories (primarily used for standards, handbooks, and technical standards lists) divided by technologies, disciplines, and practices which do not fall under FSGs or FSCs. Functional area are discussed in the *Directory of Points of Contact for the DOE Technical Standards Program* (DOE-TSL-2).
- 2.4 Non-Government Standards (NGSs). Those standards that are established generally by national and international private sector bodies and are available for use by any person or organization, private or government. NGSs are also referred to as “voluntary standards,” “industry standards,” “commercial standards,” and “consensus standards “ (standards developed under due process procedures) but do not include professional standards of personal conduct, private standards of individual firms, standards mandated by law, or standards of individual organizations for their internal use.

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- 2.5 Non-Government Standards Bodies (NGSBs). National and international scientific, technical, professional, industry, or other organizations, societies, or associations not organized for profit which conduct standardization activities and develop, establish, or coordinate NGSs.
- 2.6 Preparing Activity (PS). DOE Headquarters or field organization that has accepted responsibility for development, coordination, approval, maintenance, and providing technical advise for a specific DOE Technical Standard. The PA may use a single individual, a topical committee, an ad-hoc committee, or may designate an agent to develop the technical standard.

### 3. GENERAL GUIDANCE

The following paragraphs describe the appendices contained in this TSL.

- 3.1 DOE Technical Standards. Appendix A lists the DOE Technical Standards that have been published by DOE as of July 1, 2006.
- 3.2 Non-Government Standards Adopted by DOE. Appendix B lists the NGSs adopted for use by DOE through the reference of the standards in published DOE directives (e.g., rules, orders, manuals, and guides). Some standards developed by non-Government standards bodies are issued without a specific identification number. Unique numbers for these documents will be identified through coordination with the NGSB, where possible, and included in future editions of this TSL.
- 3.3 Other Government Documents. Appendix C lists other Government documents identified in published DOE directives that are referenced and used in a manner similar to non-Government standards and DOE Technical Standards. The listing of these documents in DOE directives serves to record DOE's interest in the documents. Note that some documents are listed without an identifying number.



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Unique numbers for these documents will be identified, where possible, and included in future editions of this TSL.

- 3.4 Canceled DOE Standards. Appendix D lists DOE Technical Standards that were previously developed but have subsequently been canceled. These documents were either replaced by other technical standards (such as NGSs in some cases) or discontinued because they were no longer needed by DOE. Copies of these documents may be obtained by contacting the DOE Technical Standards Program Office (EH-22), U.S. Department of Energy, Washington, DC 20585.
- 3.5 Consortia standards. Appendix E lists technical standards developed by industry organizations (i.e., consortia) that have been adopted for use by DOE in its business practices. The tracking of the use of consortia standards by DOE and other Federal agencies was requested by the Interagency Committee on Standards Policy. The listing of consortia standards used by DOE was supplied by the Information Technology Standards Program (<http://cio.doe.gov/ITReform/ArchitectureStandards/activity.htm>).

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APPENDIX A  
DOE TECHNICAL STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>FSG/FS AREA</b>
<i>DOE Standards</i>		
DOE-STD-1020-2002	Natural Phenomena Hazards Design and Evaluation Criteria for Department of Energy Facilities (superseding DOE-STD-1020-94)	NPHZ
DOE-STD-1021-93 (CH1)	Natural Phenomena Hazards Performance Categorization Guidelines for Structures, Systems, and Components (including Change Notice 1; January 1996); reaffirmed	FACR
DOE-STD-1022-94 (CH1)	Natural Phenomena Hazards Site Characterization Criteria (including Change Notice 1; January 1996);	FACR
DOE-STD-1023-95 (CH1)	Natural Phenomena Hazards Assessment Criteria (including Change Notice 1; January 1996); reaffirmed	FACR
DOE-STD-1027-92 (CH1)	Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports (including Change Notice 1; September 1997)	SAFT
DOE-STD-1030-96	Guide to Good Practices for Lockouts and Tagouts (revision to DOE-STD-1030-92); reaffirmed	SAFT
DOE-STD-1031-92 (CH1)	Guide to Good Practices for Communications (including Change Notice 1; December 1998); reaffirmed	58GP
DOE-STD-1032-92 (CH1)	Guide to Good Practices for Operations Organization and Administration (including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1033-92 (CH1)	Guide to Good Practices for Operations and Administration Updates Through Required Reading (including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1034-93 (CH1)	Guide to Good Practices for Timely Orders to Operators (including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1035-93 (CH1)	Guide to Good Practices for Logkeeping (including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1036-93 (CH1)	Guide to Good Practices for Independent Verification (including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1037-93 (CH1)	Guide to Good Practices for Operations Aspects of Unique Processes (including Change Notice 1; December 1998); reaffirmed	MISC

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## APPENDIX A DOE TECHNICAL STANDARDS

DOCUMENT	TITLE	FSG/FS AREA
DOE-STD-1038-93(CH1)	Guide to Good Practices for Operations Turnover (Including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1039-93 (CH1)	Guide to Good Practices for Control of Equipment and System Status (including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1040-93 (CH1)	Guide to Good Practices for Control of On-Shift Training (including Change Notice 1; December 1998); reaffirmed	6910
DOE-STD-1041-93 (CH1)	Guide to Good Practices for Shift Routines and Operating Practices (including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1042-93 (CH1)	Guide to Good Practices for Control Area Activities (including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1043-93 (CH1)	Guide to Good Practices for Operator Aid Postings (including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1044-93 (CH1)	Guide to Good Practices for Equipment and Piping Labeling (including Change Notice 1; December 1998)	FACR
DOE-STD-1045-93 (CH1)	Guide to Good Practices for Notifications and Investigation of Abnormal Events (including Change Notice 1; December 1998); reaffirmed	MISC
DOE-STD-1063-2000	Facility Representatives (revision to DOE-STD-1063-97)	MGMT
DOE-STD-1066-99	Fire Protection Design Criteria (supersedes DOE-STD-1066-97)	FIRP
DOE-STD-1070-94	Guidelines for Evaluation of Nuclear Facility Training Programs	6910
DOE-STD-1073-93	Guide for Operational Configuration Management Programs, Including the Adjunct Programs of Design Reconstitution and Material Condition and Aging Management	CMAN
DOE-STD-1073-2003	Configuration Management Program (revision of DOE-STD-1073-93)	CMAN
DOE-STD-1083-95	Requesting and Granting Exemptions to Nuclear Safety Rules	SAFT
DOE-STD-1088-95	Fire Protection for Relocatable Structures; reaffirmed	GDRQ
DOE-STD-1090-2001	Hoisting and Rigging (revision of DOE-STD-1090-99)	SAFT
DOE-STD-1090-2004	Hoisting and Rigging Standard	SAFT

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DOCUMENT	TITLE	FSG/FS AREA
DOE-STD-1091-96	Firearms Safety	SAFT
DOE-STD-1095-95	Department of Energy Laboratory Accreditation Program for Personnel Dosimetry Systems	SAFT
DOE-STD-1098-99 (CH 1)	Radiological Control	SAFT
DOE-STD-1104-96 (CH1)	Review and Approval of Nonreactor Nuclear Facility Safety Analysis Reports (Including Change Notice 1, May 2002)	SAFT
DOE-STD-1107-97	Knowledge, Skills, and Abilities for Key Radiation Protection Positions at DOE Facilities	6910
DOE-STD-1111-98	Department of Energy Laboratory Accreditation Program Administration	SAFT
DOE-STD-1112-98	Department of Energy Laboratory Accreditation Program for Radiobioassay	SAFT
DOE-STD-1120-98	Integration of Safety and Health Into Facility Disposition Activities, Vol. 1-Technical Standard, Vol. 2-Appendices	SAFT
DOE-STD-1121-98	Internal Dosimetry	SAFT
DOE-STD-1121-2003	Internal Dosimetry (revision to DOE-STD-1121-98)	SAFT
DOE-STD-1128-98	Guide of Good Practices for Occupational Radiological Protection in Plutonium Facilities	SAFT
DOE-STD-1134-99	Review Guide for Criticality Safety Evaluations	SAFT
DOE-STD-1135-99	Guidance for Nuclear Criticality Safety Engineer Training and Qualification	SAFT
DOE-STD-1136-2000 (CH2)	Guide of Good Practices for Occupational Radiological Protection in Uranium Facilities (including Change Notice 2; March 2001)	SAFT
DOE-STD-1137-2000	Fire Protection Engineering Functional Area Qualification Standard	TRNG
DOE-STD-1138-2000	Industrial Hygiene Functional Area Qualification	TRNG
DOE-STD-1139/3-2003	Chemical Management Handbook, Volume 3: Chemical User Safety and Health Requirements	SAFT
DOE-STD-1146-2001	General Technical Base Qualification Standard	TRNG
DOE-STD-1149-2002	Safety and Health Program for DOE Construction	OCSH
DOE-STD-1150-2002	Quality Assurance Functional Area Qualification	TRNG

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DOCUMENT	TITLE	FSG/FS AREA
DOE-STD-1151-2002	Facility Representative Functional Area Qualification Standard	TRNG
DOE-STD-1153-2002	A Graded Approach for Evaluating Radiation Doses to Aquatic and Terrestrial Biota	ENVR
DOE-STD-1155-2002	Transportation and Traffic Management Functional Area Qualification Standard	TRNG
DOE-STD-1157-2002	Environmental Restoration Functional Area Qualification Standard	TRNG
DOE-STD-1158-2002	Self-Assessment Standard for DOE Contractor Criticality Safety Programs	SAFT
DOE-STD-1156-2002	Environmental Compliance Functional Area Qualification Standard	TRNG
DOE-STD-1159-2003	Waste Management Functional Area Qualification	TRNG
DOE-STD-1160-2003	Occupational Safety Functional Area Qualification	TRNG
DOE-STD-1161-2003	Mechanical Systems Functional Area Qualification	TRNG
DOE-STD-1162-2003	Instrumentation and Control Functional Area Qualification Standard	TRNG
DOE-STD-1164-2003	Aviation Safety Officer Functional Area Qualification Standard	TRNG
DOE-STD-1165-2003	Aviation Manager Functional Area Qualification Standard	TRNG
DOE-STD-1166-2003	Deactivation and Decommissioning Functional Area Qualification Standard	TRNG
DOE-STD-1167-2003	The Department of Energy Respiratory Acceptance Program for Supplied-Air Suits	OCSH
DOE-STD-1170-2003	Electrical Systems Functional Area Qualification Standard	TRNG
DOE-STD-1171-2003	Safeguards and Security Functional Area Qualification Standard	TRNG
DOE-STD-1172-2003	Safety Software Quality Assurance Functional Area Qualification Standard	TRNG
DOE-STD-1173-2003	Criticality Safety Functional Area Qualification Standard	TRNG
DOE-STD-1174-2003	Radiation Protection Functional Area Qualification Standard	TRNG
DOE-STD-1175-2003	Senior Technical Safety Manager Qualification Standard	TRNG
DOE-STD-1176-2004	Chemical Processing Functional Area Qualification Standard	TRNG
DOE-STD-1177-2004	Emergency Management Functional Area Qualification Standard	TRNG
DOE-STD-1178-2004	Technical Program Manager Functional Area Qualification Standard	TRNG
DOE-STD-1179-2004	Technical Training Functional Area Qualification Standard	TRNG

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DOCUMENT	TITLE	FSG/FS AREA
DOE-STD-1180-2004	Construction Management Functional Area Qualification Standard	TRNG
DOE-STD-1181-2004	Facility Maintenance Management Functional Area Qualification Standard	TRNG
DOE-STD-1182-2004	Civil/Structural Engineering Functional Area Qualification Standard	TRNG
DOE-STD-1183-2004	NUCLEAR SAFETY SPECIALIST FUNCTIONAL AREA QUALIFICATION STANDARD	TRNG
DOE-STD-1184-2004	Radiological Control Programs for Special Tritium Compounds	OCSH
DOE-STD-1186-2004	SPECIFIC ADMINISTRATIVE CONTROLS	SAFT
DOE-STD-3003-2000	Backup Power Sources for DOE Facilities (supersedes DOE-STD-3003-94)	EDCN
DOE-STD-3006-2000	Planning and Conduct of Operational Readiness Reviews (replaces DOE-STD-3006-95)	OPER
DOE-STD-3007-93 (CH1)	Guidelines for Preparing Criticality Safety Evaluations at Department of Energy Non-Reactor Nuclear Facilities (including Change Notice 1; September 1998)	SAFT
DOE-STD-3009-94 (CH2)	Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Safety Analysis Reports (including Change Notice 2; May 2002)	SAFT
DOE-STD-3011-94	Guidance for Preparation of DOE 5480.22 (TSR) and DOE 5480.23 (SAR) Implementation Plans	SAFT
DOE-STD-3011-2002	Guidance for Preparation of Basis for Interim Operation (BIO) Documents (revision to DOE-STD-3011-94)	SAFT
DOE-STD-3013-2000	Stabilization, Packaging, and Storage of Plutonium-Bearing Materials (supersedes DOE-STD-3013-99)	PACK
DOE-STD-3014-96	Accident Analysis for Aircraft Crash Into Hazardous	SAFT
DOE-STD-3015-2001	Nuclear Explosive Safety Study Process (supersedes DOE-STD-3015-97)	SAFT
DOE-STD-3020-97	Specification for HEPA Filters Used by DOE Contractors (replaces DOE NE F 3-45)	4460
DOE-STD-3022-98	DOE HEPA Filter Test Program (replaces DOE NE F 3-42)	4460
DOE-STD-3024-98	Content of System Design Descriptions	EDCO
DOE-STD-3025-99	Quality Assurance Inspection and Testing of HEPA Filters (replaces DOE NE F 3-43)	4460

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DOCUMENT	TITLE	FSG/FS AREA
DOE-STD-3026-99	Filter Test Facility Quality Program Plan (replaces DOE NE F 3-44)	4460
DOE-STD-3028-2000	Criteria for Packaging and Storing Uranium-233-Bearing Materials	SAFT
DOE-STD-4001-2000	Design Criteria for Electronic Management Software Applications	INFT
DOE-STD-6002-96	Safety of Magnetic Fusion Facilities: Requirements	SAFT
DOE-STD-6003-96	Safety of Magnetic Fusion Facilities: Guidance	SAFT
DOE-STD-6005-2001	Industrial Hygiene Practices	OCSH
DOE-STD-7501-99	The DOE Corporate Lessons Learned Program (supersedes DOE-STD-7501-95)	MGMT
<b><i>DOE Specifications</i></b>		
DOE-SPEC-1142-2001	Beryllium Lymphocyte Proliferation Testing	SDMP
DOE-SPEC-3021-97	DOE Specification Uninterruptible Power Supply (UPS) Systems	SAFT
<b><i>DOE Handbooks</i></b>		
DOE-HDBK-1001-96	Guide to Good Practices for Training and Qualification of Instructors (revision to DOE-NE-STD-1001-91)	6910
DOE-HDBK-1002-96	Guide to Good Practices for Training and Qualification of Chemical Operators (revision to DOE-NE-STD-1002-91)	6910
DOE-HDBK-1003-96	Guide to Good Practices for Training and Qualification of Maintenance Personnel (revision to DOE-NE-STD-1003-91)	6910
DOE-HDBK-1010-92	DOE Fundamentals Handbook, Classical Physics;	6910
DOE-HDBK-1011-92	DOE Fundamentals Handbook, Electrical Science (4 Volumes); reaffirmed	6910
DOE-HDBK-1012-92	DOE Fundamentals Handbook, Thermodynamics, Heat Transfer, and Fluid Flow (3 Volumes); reaffirmed	6910
DOE-HDBK-1013-92	DOE Fundamentals Handbook, Instrumentation and Control (2 Volumes); reaffirmed	6910
DOE-HDBK-1014-92	DOE Fundamentals Handbook, Mathematics (2 Volumes); reaffirmed	6910
DOE-HDBK-1015-92	DOE Fundamentals Handbook, Chemistry (2 Volumes); reaffirmed	6910
DOE-HDBK-1016-93	DOE Fundamentals Handbook, Engineering Symbology, Prints and Drawings (2 Volumes); reaffirmed	6910
DOE-HDBK-1017-93	DOE Fundamentals Handbook, Material Science (2 Volumes); reaffirmed	6910

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<b>DOCUMENT</b>	<b>TITLE</b>	<b>FSG/FS AREA</b>
DOE-HDBK-1018-93	DOE Fundamentals Handbook, Mechanical Science (2 Volumes); reaffirmed	6910
DOE-HDBK-1019-93	DOE Fundamentals Handbook, Nuclear Physics and Reactor Theory (2 Volumes); reaffirmed	6910
DOE-HDBK-1074-95	Alternative Systematic Approaches to Training;	6910
DOE-HDBK-1076-94	Table-Top Job Analysis; reaffirmed	6910
DOE-HDBK-1078-94	Training Program Handbook: A Systematic Approach to Training (revision to TAP 2); reaffirmed	6910
DOE-HDBK-1079-94	Primer on Tritium Safe Handling Practices; reaffirmed	6910
DOE-HDBK-1080-97	Guide to Good Practices for Oral Examinations	6910
DOE-HDBK-1081-94	Primer on Spontaneous Heating and Pyrophoricity; reaffirmed	6910
DOE-HDBK-1084-95	Primer on Lead-Acid Storage Batteries	6910
DOE-HDBK-1086-95	Table-Top Training Program Design; reaffirmed	6910
DOE-HDBK-1092-98	Electrical Safety	SAFT
DOE-HDBK-1099-96	Establishing Nuclear Facility Drill Programs	6910
DOE-HDBK-1100-96	CHEMICAL PROCESS HAZARDS ANALYSIS	SAFT
DOE-HDBK-1100-2004	Chemical Process Hazards Analysis (Replaced DOE-HDBK-1100-96)	SAFT
DOE-HDBK-1101-96	PROCESS SAFETY MANAGEMENT FOR HIGHLY HAZARDOUS CHEMICALS	SAFT
DOE-HDBK-1101-2004	Process Safety Management for Highly Hazardous Chemicals (Replaced DOE-HDBK-1101-96)	SAFT
DOE-HDBK-1103-96	Table-Top Needs Analysis	6910
DOE-HDBK-1105-2002	Radiological Training for Tritium Facilities (revision to DOE-HDBK-1105-96)	TRNG
DOE-HDBK-1106-97 (CH1)	Radiological Contamination Control Training for Laboratory Research (including Change Notice 1; March 2002); reaffirmed	6910
DOE-HDBK-1108-2002	Radiological Safety Training for Accelerator Facilities (revision to DOE-HDBK-1108-97)	TRNG
DOE-HDBK-1109-97 (CH1)	Radiological Safety Training for Radiation Producing (X-Ray) Devices (including Change Notice 1; February 2002); reaffirmed	6910
DOE-HDBK-1110-97 (CH1)	ALARA Training for Technical Support Personnel (including Change Notice 1; March 2002); reaffirmed	6910
DOE-HDBK-1113-98 (CH1)	Radiological Safety Training for Uranium Facilities (including Change Notice 1; December 2002)	6910



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DOCUMENT	TITLE	FSG/FS AREA
DOE-HDBK-1114-98	Guide to Good Practices for Line and Training Manager Activities (supersedes DOE-STD-1056-93)	TRNG
DOE-HDBK-1115-98	Guide to Good Practices for the Selection, Training, and Qualification of Shift Technical Advisors (replaces DOE-STD-1057-93)	TRNG
DOE-HDBK-1116-98	Guide to Good Practices for Developing and Conducting Case Studies (replaces DOE-STD-1058-93)	TRNG
DOE-HDBK-1117-99	Guide to Good Practices for Maintenance Supervisor Selection and Development (supersedes DOE-STD-	TRNG
DOE-HDBK-1118-99	Guide to Good Practices for Continuing Training (supersedes DOE-STD-1060-93)	TRNG
DOE-HDBK-1119-99	Guide to Good Practices for the Selection, Training, and Qualification of Shift Supervisors (supersedes DOE-STD-1061-93)	TRNG
DOE-HDBK-1122-99	Radiological Control Technician Training	TRNG
DOE-HDBK-1129-99	Tritium Handling and Safe Storage	SAFT
DOE-HDBK-1130-98 (CH1)	Radiological Worker Training (including Change Notice 2; February 2005)	TRNG
DOE-HDBK-1131-98	General Employee Radiological Training	TRNG
DOE-HDBK-1132-99	Design Considerations	EDCN
DOE-HDBK-1139/1-2000	Chemical Management	SAFT
DOE-HDBK-1139/2-2002	Chemical Management, Volume II	SAFT
DOE-HDBK-1140-2001	Human Factors/Ergonomics Handbook for Design for Ease of Maintenance	HFAC
DOE-HDBK-1141-2001	Radiological Assessor Training	TRNG
DOE-HDBK-1143-2001	Radiological Control Training for Supervisors	TRNG
DOE-HDBK-1145-2001	Radiological Safety Training for Plutonium Facilities	TRNG
DOE-HDBK-1148-2002	Work Smart Standards Users Handbook	MGMT
DOE-HDBK-1163-2003	Integration of Multiple Hazard Analysis Requirements and Activities	SAFT
DOE-HDBK-1169-2003	Nuclear Air Cleaning Handbook	SAFT
DOE-HDBK-1200-97	Guide to Good Practices for Developing Learning Objectives (supersedes DOE-STD-1005-92)	6910

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## APPENDIX A DOE TECHNICAL STANDARDS

DOCUMENT	TITLE	FSG/FS AREA
DOE-HDBK-1201-97	Guide to Good Practices: Evaluation Instrument Examples (replaces DOE-STD-1006-92)	6910
DOE-HDBK-1202-97	Guide to Good Practices for Teamwork Training and Diagnostic Skills Development (replaces DOE-STD-1007-92)	6910
DOE-HDBK-1203-97	Guide to Good Practices for Training of Technical Staff and Managers (replaces DOE-STD-1008-92)	6910
DOE-HDBK-1204-97	Guide to Good Practices for Development of Test Items (replaces DOE-STD-1009-92)	6910
DOE-HDBK-1205-97	Guide to Good Practices for the Design, Development, and Implementation of Examinations (replaces DOE-STD-1011-92)	6910
DOE-HDBK-1206-98	Guide to Good Practices for On-the-Job Training (replaces DOE-STD-1012-92)	6910
DOE-HDBK-3010-94 (CH1)	Airborne Release Fractions/Rates and Respirable Fractions for Nonreactor Nuclear Facilities, Vols. I and II (including Change Notice No. 1; March 2000)	SAFT
DOE-HDBK-3012-96	Guide to Good Practices for Operational Readiness Reviews (ORR) Team Leader's Guide (revision to DOE-HDBK-3012-94)	MISC
DOE-HDBK-3027-99	Integrated Safety Management Systems Verification (ISMSV) Process, Team Leader's Handbook	SAFT
DOE-HDBK-6004-99	Supplementary Guidance and Design Experience for DOE Fusion Safety Standards DOE-STD-6002-96 and DOE-STD-6003-96	SAFT
<b><i>Technical Standards Lists</i></b>		
DOE-TSL-2-2002	Directory of Points of Contact for the DOE Technical Standards Program (Supersedes DOE-TSL-2-98)	SDMP
DOE-TSL-4-99	Directory of DOE and Contractor Personnel Involved in Non-Government Standards Activities	SDMP
<b><i>DOE Limited Standards</i></b>		
DOE-DP-STD-3016-99	Hazard Analysis Reports for Nuclear Explosive	SAFT
DOE-DP-STD-3023-98	Guidelines for Risk-Based Prioritization of DOE	MISC
DOE-NE-STD-1004-92	Root Cause Analysis Guidance Document	6910

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<b>DOCUMENT</b>	<b>TITLE</b>
A 112.18.1M	Plumbing Fixture Fittings
A 112.19.6	Hydraulic Requirements for Water Closets and Urinals
AA	Specifications for Aluminum Structures
AA SAA-46-516124	Standards for Anodized Architectural Aluminum
AA STFA-601711	The Surface Treatment and Finishing of Aluminum and Its Alloys
AABC	National Standard for Total System Balance Air Distribution-Hydraulic Systems-Sound-Vibration-Field Surveys for Energy
AAMA 1002.10	Aluminum Insulating Storm Products for Windows and Sliding Glass Doors
AAMA 1002.9	Voluntary Specifications for Aluminum Combination Storm Windows for External Applications
AAMA 101	Voluntary Specifications for Aluminum Prime Windows and Sliding Glass Doors
AAMA 101/I.S.2	Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors
AAMA 1102.7	Voluntary Specifications for Aluminum Storm Doors
AAMA 611	Voluntary Standards for Anodized Architectural Aluminum
AAMA 800	Sealant Specifications for Use with Architectural Aluminum
AASHTO BM-2	Manual for Bridge Maintenance
AASHTO GDHS-2	A Policy on Geometric Design of Highways and Streets
AASHTO GSDB	Guide Specification for Seismic Isolation Design
AASHTO GSH	Guide Specifications for Highway Construction
AASHTO HB-13 (HB-15)	Standard Specifications for Highway Bridges
AASHTO HDG	Highway Drainage Guidelines
AASHTO LTS-1 (LTS-2)	Standard Specifications for Structural Supports for Highway Signs, Luminaries, and Traffic Signals
AASHTO SR	Highway Safety Design and Operations Guide
AASHTO T 258	Standard Method of Test for Determining Expansive Soils
AASHTO VLVLR	Guidelines for Geometric Design of Very Low-Volume Local Roads (ADT Less Than or Equal to 400)
ACI 207.1R	Mass Concrete
ACI 207.4R	Cooling and Insulating Systems for Mass Concrete

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<b>DOCUMENT</b>	<b>TITLE</b>
ACI 211.1	Standard Practice for Selecting Proportions for Normal, Heavyweight, and Mass Concrete
ACI 211.2	Standard Practice for Selecting Proportions for Structural Lightweight Concrete
ACI 216.1	Standard Method for Determining Fire Resistance of Concrete and Masonry Construction Assemblies
ACI 304 (304R)	Guide for Measuring, Mixing, Transporting, and Placing Concrete
ACI 305R	Hot Weather Concreting
ACI 306R	Cold Weather Concreting
ACI 307	Design and Construction of Reinforced Concrete Chimneys
ACI 309	Recommended Practice for Consolidation of Concrete
ACI 318M	Building Code Requirements for Reinforced Concrete
ACI 336.2R	Suggested Analysis and Design Procedures for Combined Footing and Mats
ACI 336.3R	Suggested Design and Construction Procedures for Pier
ACI 347	Formwork for Concrete, Fifth Edition
ACI 349	Code Requirements for Nuclear Safety Related Concrete
ACI 350-01	Code Requirements for Environmental Engineering Concrete Structures
ACI 350M-01	Code Requirements for Environmental Engineering Concrete Structures (Metric Version)
ACI 350R	Environmental Engineering Concrete Structures
ACI 352R	Recommendations for Design of Beam-Column Joints in Monolithic Reinforced Concrete Structures
ACI 503.4	Standard Specifications for Repairing Concrete with Epoxy Mortars
ACI 515.1R	Guide to the Use of Waterproofing, Damp Proofing, Protective, and Decorative Barrier Systems for Concrete
ACI 530	Building Code Requirements for Masonry Structures Specification for Masonry Structures and Commentary
ACI 531	Building Code Requirements for Concrete Masonry Structures
ACI 531.1	Specifications for Concrete Masonry
ACI 543R	Recommendation for Design, Manufacture, and Installation of Concrete Piles
ACI 546.1R	Guide for Repair of Concrete Bridge Superstructures

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<b>DOCUMENT</b>	<b>TITLE</b>
ACI MCP 2005	Manual of Concrete Practice (as applicable to the specific
ACI SP-4 (347-89)	Formwork for Concrete
ACI SP-66	ACI Detailing Manual
ACS PH1.28	Archival Records, Silver-Gelatin Type or Cellulose Ester Base
ACS PH1.41	Archival Records, Silver-Gelatin Type on Polyester Base
ACS PH1.53	Processed Films, Plates, and Papers—Filing Enclosures and Containers for Storage
AFMAN 91-201, Chapt. 2, Sect. A-E, G	Explosives Safety Standards (Explosives Safety Requirements)
AGA 1	Requirements for Heat Reclaimer Devices for Use with Gas-Fired Appliances
AGS G001	Guideline for Gloveboxes, Second Edition
AGS G002	The Standard of Practice for the Design and Fabrication of
AGS G003	The Standard of Practice for the Application of Linings to
AGS G005	Standard of Practice for the Specification of Gloves for
AGS G006	Standard of Practice for the Design and Fabrication of Nuclear-Application Gloveboxes
AIHA	Workplace Environmental Exposure Level Guides
AIHA	Industrial Noise Manual (see Noise and Hearing Conservation
AIHA	Hygiene Guide Series
AIHA	Noise and Hearing Conservation Manual
AIHA	The AIHA 2004 Emergency Response Planning Guidelines and Workplace Environmental Exposure Level Guides Handbook
AIIM MS 5	Microfiche
AIIM MS 9	Aperture, Camera, Copy and Image Cards
AIIM MS14	Specifications for 16 and 35 mm Roll Microfilm
AIIM MS23	Practice for Operational Procedures/Inspection and Quality Control of First Generation Silver—Gelatin Microfilm of
AIIM MS43	Recommended Practice for Operational Procedures/Inspection and Quality Control of Duplicate Microforms of Documents and
AISC	Detailing for Steel Construction
AISC	Code of Standard Practice for Steel Buildings and Bridges
AISC M 011 (M016-89)	Manual of Steel Construction Allowable Stress Design Ninth Edition

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DOCUMENT	TITLE
AISC N 690 (S327-84)	Nuclear Facilities—Steel Safety-Related Structures for Design, Fabrication and Erection
AISC S 326 (S328-86)	Specification for Structural Steel Building Load and Resistance Factor Design
AISI	Manual for Structural Application of Steel Cables for Buildings
AISI SG-673	Specifications for the Design of Cold-Formed Steel Structural Members
AMA OOCH-213	Scope, Objectives, and Functions of Occupational Health
AMA OOCH-290	Epidemiology in Occupational Disease and Injury
AMCA 201	Fans and Systems
AMCA 210	Laboratory Methods for Testing Fans for Ratings
AMCA 261	Directory of Products Licensed to Bear the AMCA Certified
AMCA 99	Standards Handbook
ANS 10.3	Guidelines for the Documentation of Digital Computer Programs
ANS 10.4	Verification and Validation of Scientific and Engineering Computer Programs for the Nuclear Industry
ANS 11.13	Concrete Radiation Shields (replaced by ANS 11-1987) (Inactive)
ANS 11.16	Design Guides for Radioactive Material Handling Facilities and Equipment
ANS 14.1	Operation of Fast Pulse Reactors
ANS 15.1	Development of Technical Specifications for Research Reactors
ANS 15.11	Radiation Protection at Research Reactor Facilities
ANS 15.12	Design Objectives for and Monitoring of Systems Controlling Research Reactor Effluents (incorporated into ANS 15.11)
ANS 15.15	Criteria for the Reactor Safety System of Research Reactors
ANS 15.16	Emergency Planning for Research Reactors
ANS 15.18	Administrative Controls for Research Reactors
ANS 15.2	Quality Control for Plate-Type Uranium-Aluminum Fuel Elements
ANS 15.3	Records and Reports for Research Reactors (incorporated into ANS 15.1) (Inactive)
ANS 15.4	Selection and Training of Personnel for Research Reactors
ANS 15.8	Quality Assurance Program Requirements for Research Reactors

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DOCUMENT	TITLE
ANS 15-21	Standard Format and Content for Safety Analyses Reports for Small Research Reactors
ANS 2.17	Evaluation of Radionuclide Transport in Ground Water for Nuclear Power Sites
ANS 2.2	Earthquake Instrumentation Criteria for Nuclear Power Plants
ANS 2.3	Immediate Evacuation Signal for Use in Industrial Installations Where Radiation Exposure May Occur
ANS 3.1	Selection, Qualification, and Training of Personnel for Nuclear Power Plants
ANS 3.2	Quality Assurance Requirements for Operating Nuclear Power
ANS 3.4	Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants
ANS 3.5	Nuclear Power Plant Simulators for Use in Operator Training
ANS 3.7.2	Emergency Control Centers for Nuclear Power Plants (replaced by ANS 3.8.2)
ANS 4.5	Criteria for Accident Monitoring Functions in Light-Water-Cooled Reactors
ANS 54.1	General Safety Design Criteria for a Liquid Metal Reactor Nuclear Power Plant
ANS 54.2	Design Basis for Facilities for LMFBR Spent Fuel Storage in Liquid Metal Outside the Primary Coolant Boundary
ANS 57.2	Design Requirements for Light Water Reactor Spent Fuel Storage Facilities at Light Water Reactor Plants
ANS 57.3	Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants
ANS 59.1	Nuclear Safety-Related Cooling Water Systems in Nuclear Power Plants
ANS 59.3	Safety-Related Control Air Systems
ANS 59.51	Fuel Oil Systems for Standby Diesel Generators
ANS 6.4	Guidelines on Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants
ANS 6.4.2	Specification for Radiation Shielding Materials
ANS 6.4.3	Gamma-Ray Attenuation Coefficients and Buildup Factors for Engineering Materials
ANS 8.1	Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors

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<b>DOCUMENT</b>	<b>TITLE</b>
ANS 8.10	Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement
ANS 8.12	Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors
ANS 8.14	Use of Soluble Neutron Absorbers in Nuclear Facilities Outside Reactors
ANS 8.15	Nuclear Criticality Control of Special Actinide Elements
ANS 8.17	Criticality Safety Criteria for the Handling, Storage and Transportation of LWR Fuel Outside Reactors
ANS 8.19	Administrative Practices for Nuclear Criticality Safety
ANS 8.20	Nuclear Criticality Safety Training
ANS 8.21	Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors
ANS 8.22	Nuclear Criticality Safety Based on Limiting and Controlling
ANS 8.22	Nuclear Criticality Safety Based on Limiting and Controlling
ANS 8.23	Nuclear Criticality Accident Emergency Planning and Response
ANS 8.23	Nuclear Criticality Accident Emergency Planning and Response
ANS 8.3	Criticality Accident Alarm System
ANS 8.5	Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber in Solutions of Fissile Material
ANS 8.6	Safety in Conducting Subcritical Neutron-Multiplication Measurements In Situ
ANS 8.7	Guide for Nuclear Criticality Safety in the Storage of Fissile Material
ANS 8.9	Nuclear Criticality Safety Criteria for Steel-Pipe Intersections Containing Aqueous Solutions of Fissile Material
ANSI A 1.5	Safety Requirements for Material Hoists
ANSI A 10.31	Construction and Demolition
ANSI A 10.33-1992	Safety and Health Program Requirements for Multi-Employer
ANSI A 115	Door and Frame Preparation
ANSI A 14.1-1994	Ladders—Portable Wood—Safety Requirements
ANSI A 14.2-1990	Safety Requirements for Portable Metal Ladders
ANSI A 14.3-1992	Ladders—Fixed—Safety Requirements
ANSI A 14.5-1992	Ladders—Portable Reinforced Plastic—Safety Requirements
ANSI A 156	Hardware



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DOCUMENT	TITLE
ANSI A 156.2	American National Standard for Bored and Preassembled Locks and Latches
ANSI A 216.1	Sectional Overhead Type Doors (ANSI/NAGDM 102)
ANSI A 39.1	Safety Requirements for Window Cleaning
ANSI A 58.1	Building Code Requirements for Minimum Design Loads in Buildings and Other Structures
ANSI A 92.2	Vehicle-Mounted Elevating and Rotating Aerial Device
ANSI B 30 Series	Cranes
ANSI B 31.2	Petroleum Refining Piping
ANSI B 31.4	Liquid Petroleum Transportation Piping System
ANSI B149.1	Dehumidifiers
ANSI B30.21 (1994)	Manually Operated Hoists (design specifications only)
ANSI B30.5 (1995)	Mobile and Locomotive Cranes (design specifications only)
ANSI B30.9 (1992)	Slings (equipment design specifications only)
ANSI B38.1	Method of Testing for Household Refrigerators, Combination Refrigerator Freezers and Household Freezers
ANSI B56.6	Rough Terrain Forklift Trucks
ANSI B93.114M	Pneumatic Fluid Power - Systems Standard for Industrial
ANSI C 136	Roadway Lighting
ANSI C 2	National Electric Safety Code
ANSI C 57	Distribution, Power and Regulating Transformers
ANSI C 82	For Reference Ballasts for Fluorescent Lamps
ANSI C 82.2	Fluorescent Lamp Ballasts--Methods of Measurement
ANSI C 84.1	Electric Power Systems And Equipment-Voltage Ratings (60
ANSI C 95.1	Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 300 KHZ to 100 GHZ
ANSI C16.13	Monochrome Television Broadcast Receivers
ANSI C2	American National Standards Institute on Safety (NESC)
ANSI C78.1	For Fluorescent Lamps--Rapid Start Types--Dimensional and Electrical Characteristics
ANSI C78.2	For Fluorescent Lamps--Preheat Start Types--Dimensional and Electrical Characteristics

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<b>DOCUMENT</b>	<b>TITLE</b>
ANSI C78.21	Incandescent Lamps--PAR and R Shapes
ANSI C78.3	For Fluorescent Lamps--Instant Start and Cold-Cathode Types-- Dimensional and Electrical Characteristics
ANSI C78.375	For Fluorescent Lamps--Guide for Electrical Measurements
ANSI C79.1	Nomenclature for Glass Bulbs Intended for Use with Electric
ANSI CGA G-7.1	Commodity Specifications for Air
ANSI D 12.1	Roadway Lighting (see IES RP8)
ANSI D 6.1e	Manual on Uniform Traffic Control Devices for Streets and
ANSI G 7.1	Commodity Specification for Air, Third Edition
ANSI N 101.6	Standards for Concrete Radiation Shields
ANSI N 12.1	Warning Symbols-Fissile Material Symbol
ANSI N 13.1	Guide for Sampling Airborne Radioactive Materials in Nuclear
ANSI N 13.11	Dosimetry-Personnel Dosimetry Performance-Criteria For Testing
ANSI N 13.14	Internal Dosimetry Programs for Tritium Exposure—Minimum Requirements
ANSI N 13.15	Radiation Detectors—Personnel Thermoluminescence Dosimetry Systems—Performance
ANSI N 13.2	Guide to Administrative Practices in Radiation Monitoring
ANSI N 13.27	Performance Requirements for Pocket-Sized Alarm Dosimeters and Alarm Rate Meters
ANSI N 13.3	Dosimetry for Criticality Accidents
ANSI N 13.30-1996	Performance Criteria for Radiobioassay
ANSI N 13.41-1997	Criteria for Performing Multiple Dosimetry
ANSI N 13.5	Performance Specifications for Direct Reading and Indirect Reading Pocket Dosimeters for X and Gamma Radiation
ANSI N 13.6	Practice for Occupational Radiation Exposure Record Systems
ANSI N 13.7	Radiation Protection—Photographic Film Dosimeters—Criteria for Performance
ANSI N 14.1	Nuclear Materials—Uranium Hexafluoride—Packaging for
ANSI N 14.2	Commercial Vehicle Standards
ANSI N 14.27-1993	Carrier and Shipper Responsibilities and Emergency Response Procedures for Highway Transportation Accidents
ANSI N 14.29-1988	Guide for Writing Operating Manuals for Packaging

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<b>DOCUMENT</b>	<b>TITLE</b>
ANSI N 14.30-1992	Design, Fabrication, and Maintenance of Semi-Trailers Employed in the Transport of Weight-Concentrated Radioactive Loads
ANSI N 14.5	Radioactive Materials—Leakage Tests on Packages for Shipment
ANSI N 14.6-1993	Special Lifting Devices for Shipping Containers Weighing 10,000 (4500kg) or More Pounds
ANSI N 15.1	Classification of Unirradiated Uranium Scrap
ANSI N 15.10	Nuclear Materials—Unirradiated Plutonium Scrap—Classification
ANSI N 15.19	Nuclear Material Control—Volume Calibration Techniques
ANSI N 15.36	Nuclear Materials—Nondestructive Assay Measurement Control and Assurance
ANSI N 15.41	Nuclear Facilities—Derivation of Measurement Control Programs—General Principles
ANSI N 15.51	Nuclear Materials Management—Measurement Control Program—Nuclear Materials Analytical Chemistry Laboratory
ANSI N 15.54	Instrumentation—Radiometric Calorimeters Measurement Control Program
ANSI N 2.1	Radiation Symbol
ANSI N 317	Performance Criteria for Instrumentation Used for Inplant Plutonium Monitoring
ANSI N 319	Personnel Neutron Dosimeters (Neutron Energies less than 20
ANSI N 322	Inspection and Test Specifications for Direct and Indirect Reading Quartz Fiber Pocket Dosimeters
ANSI N 323A-1997	Radiation Protection Instrumentation Test and Calibrations
ANSI N 343	Internal Dosimetry for Mixed Fission and Activation Products
ANSI N 42.17A	Performance Specifications for Health Physics Instrumentation - Portable Instrumentation for Use in Normal Environmental
ANSI N 42.17B	Radiation Instrumentation Performance Specifications for Health Physics Instrumentation-Occupational Airborne Radioactivity Monitoring Instrumentation
ANSI N 42.17C	Radiation Instrumentation Performance Specifications for Health Physics Instrumentation—Portable Instrumentation for Use in Extreme Environmental Conditions
ANSI N 42.18	Specification and Performance of On-Site Instrumentation for Continuously Monitoring Radioactivity in Effluents
ANSI N 43.10	Safe Design and Use of Panoramic Wet Source Storage Gamma Irradiators (Category IV)

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DOCUMENT	TITLE
ANSI N 43.2	Radiation Safety for X-Ray Diffraction and Fluorescence Analysis Equipment
ANSI N 43.3	General Radiation Safety—Installations Using Non-Medical X-Ray and Sealed Gamma-Ray Sources, Energies up to 10 MeV
ANSI N 43.5	Radiological Safety Standard for the Design of Radiographic and Fluoroscopic Industrial X-Ray Equipment
ANSI N 43.6	Sealed Radioactive Sources
ANSI N 43.8	Classification of Industrial Ionizing Radiation Gaging Devices
ANSI N 43.9	American National Standard for Gamma Radiography—Specifications for Design and Testing of
ANSI N 545	Thermoluminescence Dosimetry: Environmental Applications, Performance, Testing, and Specifications
ANSI N13.4-1983	Specifications of Portable X- or Gamma Radiation Survey
ANSI N14.6-1993	Radioactive Materials, Special Lifting Devices for Shipping Containers Weighing 10,000 pounds (4500 kg) or More
ANSI N15.18	Nuclear Materials - Mass Calibration Techniques for Control
ANSI N15.28-91	Nuclear Materials Control - Guide for Qualification and Certification of Safeguards and Security Personnel
ANSI N2.3-1979	Immediate Evacuation Signal for Use In Industrial Installations Where Radiation Exposures May Occur
ANSI N278.1-1975 (R 1992)	Self-Operated and Power-Operated Safety-Related Valves Functional Specification Standard
ANSI N320-1979 (R1993)	Performance Specifications for Reactor Emergency Radiological Monitoring Instrumentation
ANSI N43.1	Radiological Safety in the Design and Operation of Particle Accelerators
ANSI N512	Protective Coatings (Paint) for the Nuclear Industry
ANSI N8.3-1979	Criticality Accident Alarm
ANSI S 3.34	American National Standard Guide for the Measurement and Evaluation of Human Exposure to Vibration Transmitted to the
ANSI S3.19-1974	Laboratory Safety Supply
ANSI S82.01	Standard for Instrumentation
ANSI X 3.135	Databse Language SQL
ANSI X 3.136	Serial Recorded Magnetic Tape Cartridge for Information

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DOCUMENT	TITLE
ANSI X 3.205	Helical-Scan Digital Computer Tape Cartridge 3.81 mm DATA/DAT, for Information Interchange
ANSI X 3.40	Information Systems—Unrecorded Magnetic Tape for Information Exchange
ANSI X 3.54	Recorded Magnetic Tape for Information Interchange 6250 bpi, Group Coded Recording
ANSI X 3.55	Recorded Magnetic Tape for Information Interchange 1600 bpi, Phase Encoded
ANSI X 3.85	One Half Inch Magnetic Tape Interchange Using a Self-Loading Cartridge
ANSI X 4.16	Size and Placement of Security Badges (Inactive)
ANSI X 9.17	Financial Institution Key Management
ANSI Y 1.1	Abbreviations for Use on Drawings and in Text
ANSI Y 14.1	Drawing Sheet Size and Format
ANSI Y 14.15	General Electronic Diagrams
ANSI Y 14.2	Surface Texture Symbols
ANSI Y 14.5M	Dimensioning and Tolerancing
ANSI Y 32.14	Graphic Symbols for Logic Functions
ANSI Y 32.16	Reference Designators (schematics and PCB)
ANSI Y 32.2	Graphic Symbols for Electrical and Electronics Diagrams
ANSI Z 1030	Power Tools
ANSI Z 11.182	Standard Method of Test for Smoke Density in the Flue Gases from Distillate Fuels reapproved 1971 (ASTM D2156-65(1975))
ANSI Z 117.1	Safety Requirements for Working in Tanks and Other Confined Spaces
ANSI Z 124.2-1995	Plastic Shower Receptors and Shower Stalls
ANSI Z 136.1	Safe Use of Lasers
ANSI Z 136.2-1997	Safe Use of Optical Fiber Communication Systems Utilizing Laser Diode and LED Sources 10/01/97
ANSI Z 21.10.1	Gas Automatic Storage Type Water Heaters
ANSI Z 21.10.3	Gas Water Heaters, Volume III, Storage with Input Ratings Above 75,000 Btu's per Hour, Circulating and Instantaneous
ANSI Z 21.11.1	Gas-Fired Room Heaters, Volume I, Vented Room Heaters

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DOCUMENT	TITLE
ANSI Z 21.13	Gas-Fired Low Pressure Steam and Hot Water Heating Boilers including addenda Z21.13a-69 and Z21.13b-94
ANSI Z 21.17	Domestic Gas Conversion Burners Including Z21.17a-90
ANSI Z 21.20	Automatic Gas Ignition Systems and Components
ANSI Z 21.21	Automatic Valves for Gas Appliances (Including Z21.21a-89)
ANSI Z 21.44	Gas-Fired Gravity and Fan Type Direct Vent Wall Furnaces
ANSI Z 21.47	Gas-Fired Central Furnaces (including Z21.47a-88 and Z21.47b-
ANSI Z 21.48	Gas-Fired Gravity and Fan Type Floor Furnaces
ANSI Z 21.49	Gas-Fired Gravity and Fan Type Vented Wall Furnaces
ANSI Z 21.56	Gas-Fired Pool Heaters (including addenda Z21.56a-96)
ANSI Z 21.59	Gas-Fired high Pressure Steam and Hot Water Heating Boilers
ANSI Z 21.66	Automatic Vent Damper Devices for Use with Gas-Fired
ANSI Z 21.67	Mechanically-Actuated Automatic Vent Damper Devices for Use with Gas-Fired Appliances
ANSI Z 21.68	Thermally-Actuated Automatic Vent Damper Devices for Use with Gas-Fired Appliances
ANSI Z 21.71	Automatic Intermittent Pilot Ignition systems for Field Installation (including Z21.71a-85 and Z21.71b-89)
ANSI Z 21.8	Installation of Domestic Gas Conversion Burners
ANSI Z 223.1	National Fuel Code Including Appendices H, I, J, and K
ANSI Z 224.1	Performance Evaluation Procedures for Household Washers
ANSI Z 234.1	Room Air Conditioners
ANSI Z 235.1	Appliance Humidifier Standard
ANSI Z 358.1	Emergency Eyewash and Shower Equipment
ANSI Z 359.1-1992	Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components
ANSI Z 39.14	Writing Abstracts
ANSI Z 39.18	Information Sciences—Scientific and Technical Reports—Organization, Preparation, and Production
ANSI Z 39.29	Bibliographic References
ANSI Z 39.32	Microfiche Headings
ANSI Z 39.59	Electronic Manuscript Preparation and Markup

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ANSI Z 39.67	Computer Software Description
ANSI Z 39.72	CD-ROM Standard Format for Submission of Data for Multimedia CD-ROM Mastering
ANSI Z 41-1991	Personal Protection—Protective Footwear
ANSI Z 41-1991	Personal Protection - Protective Footwear
ANSI Z 49.1	Safety in Welding, Cutting and Allied Processes
ANSI Z 535.1-1991	Environmental and Facility Safety Signs
ANSI Z 535.3-1991	Criteria for Safety Symbols, 10/01/97
ANSI Z 540.1	Calibration Laboratories and Measuring and Test Equipment General Requirements
ANSI Z 540-1-1994	Calibration - Calibration Laboratories and Measuring and Test Equipment - General Requirements
ANSI Z 83.8	Gas Unit Heater and Gas-Fired Duct Furnaces
ANSI Z 83.9	Gas-Fired Duct Furnaces (including addenda Z83.9a-92)
ANSI Z 87.1	Practice for Occupational/Educational Eye and Face Protection
ANSI Z 87.1-1989	Practice for Occupational and Educational Eye and Face
ANSI Z 88.2	Respiratory Protection
ANSI Z 88.6	Physical Qualifications for Respirator Use
ANSI Z 89.1-1997	Industrial Head Protection
ANSI Z 9.2-1979	Fundamentals Governing the Design and Operation of Local Exhaust Systems
ANSI Z 9.5-1992	American National Standard for Laboratory Ventilation
ANSI Z 91.1	Performance Requirements for Oil-Powered Central Furnaces
ANSI Z 91.2	Performance Requirements for Automatic Pressure Oil Burners of the Mechanical Draft Type
ANSI Z 96.1	Oil-Fired Central Furnaces
ANSI Z 96.2	Oil Burners
ANSI Z 96.3	Oil-Fired Boiler Assemblies
ANSI/ACI 349-85	Code Requirements for Nuclear Safety Related Concrete Structures (ACI 349-85) and Commentary (ACI 349R-85)
ANSI/AIHA Z9.5-1992	American National Standard for Laboratory Ventilation
ANSI/AIIM MS-32-1996	Standard Recommended Practice - Microrecording of Engineering Source Document on 35mm Microfilm

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<b>DOCUMENT</b>	<b>TITLE</b>
ANSI/AIIM MS-41-1996	Dimensions of Unitized Microfilm Carriers and Apertures (Aperture, Camera, Copy and Image Cards)
ANSI/AIIM MS-45-90	Recommended Practice for Inspection of Stored Silver Gelatin Microforms for Evidence of Deterioration
ANSI/AIM-BC1-1995	Uniform Symbology Specification
ANSI/AISC N690-1994	Specifications for the Design, Fabrication, and Erection of Steel Safety-Related Structures for Nuclear Facilities
ANSI/AMS-2.5	Standards for Onsite Meteorological Monitoring Program
ANSI/ANS 8.22	Limiting and Control of Moderators
ANSI/ANS 8.23	Emergency Planning and Response
ANSI/ANS-19.61	Startup Physics Tests for Pressurized Water Reactors
ANSI/ANS-3.1-1987	Selection, Qualification and Training of Personnel for Nuclear Power Plants
ANSI/ANS-3.2-1994	Administrative and Quality Assurance Requirements for Operating Nuclear Power Plants.
ANSI/ANS-5.1	Decay Heat Power in Light Water Reactors
ANSI/ANS-59.2-1985	Safety Criteria for Nuclear Power Plants HVAC Systems Located Outside Primary Containment, American National Standards
ANSI/API-620-1998	Rules for Design and Construction of Large, Welded, Low-Pressure Storage Tanks
ANSI/ASME A 17.2.1	Inspectors Manual for Electric Elevators
ANSI/ASME A 17.2.2	Inspectors Manual for Hydraulic Elevators
ANSI/ASME A 17.3	Existing Elevators and Escalators
ANSI/ASME A 17.5	Elevator and Escalator Electrical Equipment
ANSI/ASME B 31	National Boiler Inspection (Piping) Code
ANSI/ASME B16.5-1998	Pipe Flanges and Flanged Fittings (Includes Revision Service)
ANSI/ASME B18.18.1-1987 (R1994)	Inspection and Quality Assurance for General Purpose Fasteners
ANSI/ASME B18.18.2M-1987 (R1993)	Inspection and Quality Assurance for High-Volume Machine Assembly Fasteners
ANSI/ASME B18.18.3M-1987 (R1993)	Inspection and Quality Assurance for Special Purpose Fasteners
ANSI/ASME B18.18.4M-1987 (R1993)	Inspection and Quality Assurance for Fasteners for Highly Specialized Engineering Applications
ANSI/ASME B30.11-1993	Monorails and Underhung Cranes



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### APPENDIX B NON-GOVERNMENT STANDARDS ADOPTED BY DOE

DOCUMENT	TITLE
ANSI/ASME B30.16-1993	Overhead Hoists (Underhung)
ANSI/ASME B30.17-1992	OVERHEAD AND GANTRY CRANES (TOP RUNNING BRIDGE, SINGLE GIRDER, UNDERHUNG HOISTS)
ANSI/ASME B30.18-1993	Stacker Cranes (Top or Under Running Bridge, Multiple Girder with Top or Under Running Trolley Hoist)
ANSI/ASME B30.2-1996	OVERHEAD AND GANTRY CRANES, TOP RUNNING BRIDGE SINGLE OR MULTIPLE GIRDER TOP RUNNING TROLLEY
ANSI/ASME B30.2-1996 (R 1998)	Overhead and Gantry Cranes
ANSI/ASME B56.1-1993	Low-Lift and High-Lift Trucks
ANSI/ASME B73.1M-1991 (R 1992)	Horizontal End Suction Centrifugal Pumps for Chemical Process
ANSI/ASME B73.2M-1991	Specifications for Vertical In-Line Centrifugal Pumps for Chemical Process
ANSI/ASME B96.1-1993	Welded Aluminum-Alloy Storage Tanks
ANSI/ASME NOG-1-1998	Rules for Construction of Overhead and Gantry Cranes (Top Running Bridge, Multiple Girder)
ANSI/ASME Y 32.4	Graphic Symbols for Plumbing Fixtures for Diagrams Used in Architecture and Building Construction
ANSI/ASQC Q10011-1-1994	Guidelines for Auditing Quality Systems—Auditing
ANSI/ASQC Q10011-2-1994	Guidelines for Auditing Quality Systems—Qualification Criteria for Quality Systems Auditors
ANSI/ASQC Q10011-3-1994	Guidelines for Auditing Quality Systems—Management of Audit Programs
ANSI/ASQC Q9001-1994	Quality Systems-Model for Quality Assessment in Design/Development, Production, Installation and Servicing
ANSI/ASQC Z1.4-1993	Sampling Procedures and Tables for Inspection by Attributes
ANSI/ASQZ 1.13-1999	Quality Guidelines for Research
ANSI/ASTM C852-93 (R 1997)	Standard Guide for Design Criteria for Plutonium Gloveboxes
ANSI/AWWA C653	Disinfection of Water Treatment Plants
ANSI/AWWA C654	Disinfection of Wells
ANSI/CGA G-7.1-1989	Commodity Specification
ANSI/HFS 100-1988	Human Factors Engineering of Visual Display Terminal
ANSI/IEEE 1012-1986	IEEE Standard for Software Verification and Validation Plans

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### APPENDIX B NON-GOVERNMENT STANDARDS ADOPTED BY DOE

DOCUMENT	TITLE
ANSI/IEEE 1050-1989 (R 1996)	IEEE Guide for Instrumentation and Control Equipment Grounding in Generating Stations
ANSI/IEEE 323-1990 (R)	IEEE Standard for Qualifying Class 1E Equipment for Nuclear Power Generating Stations
ANSI/IEEE 334-1994	IEEE Standard for Qualifying Continuous Duty Class 1E Motors for Nuclear Power Generating Stations
ANSI/IEEE 338-1987 (R)	IEEE Standard for Criteria for the Periodic Surveillance Testing of Nuclear Power Generating Station Safety
ANSI/IEEE 383-1974 (R)	IEEE Standard for Type Test of Class 1E Electric Cables, Field Splices, and Connections for Nuclear Power Generating Station
ANSI/IEEE 535-1986 (R)	IEEE Standard for Qualification of Class 1E Lead Storage Batteries for Nuclear Power Generating Stations
ANSI/IEEE 577-1976 (R)	IEEE Standard Requirements for Reliability Analysis in the Design and Operation of Safety Systems for Nuclear Power
ANSI/IEEE 628-1987 (R)	IEEE Standard Criteria for the Design, Installation, and Qualification of Raceway Systems for Class 1E Circuits for Nuclear Power Generating Stations
ANSI/IEEE 649-1991	IEEE Standard for Qualifying Class 1E Motor Control Centers for Nuclear Power Generating Stations
ANSI/IEEE 650-1991	IEEE Standard for Qualification of Class 1E Static Battery Chargers and Inverters for Nuclear Power Generating Stations
ANSI/IEEE 830-1984	Recommended Practice for Software Requirements
ANSI/IEEE 833-1988 (R)	IEEE Recommended Practice for the Protection of Electric Equipment in Nuclear Power Generating Stations from Water
ANSI/IEEE 934-1987 (R)	Requirements for Replacement Parts for Class 1E Equipment in Nuclear Power Generating Stations
ANSI/IEEE 944-1986 (R)	IEEE Recommended Practice for the Application and Testing of Uninterruptible Power Supplies for Power Generating Stations
ANSI/IEEE 946-1993	IEEE Recommended Practice for the Design of DC Auxiliary Power Systems for Generating Stations
ANSI/IEEE C2-1997	National Electrical Safety Code 05/01/00
ANSI/IEEE C37 series	Circuit Breakers, Switchgears, Substations, and Fuses
ANSI/IEEE C95.1	Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Magnetic Fields, 3kHz to 300 GHz
ANSI/IEEE N 323-1978	Radiation Protection Instrumentation Test and Calibration
ANSI/IEEE N 42.18-1980	Specification and Performance of On-Site Instrumentation for Continuously Monitoring Radioactivity in Effluents

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### APPENDIX B NON-GOVERNMENT STANDARDS ADOPTED BY DOE

DOCUMENT	TITLE
ANSI/IES RP7-2001	Industrial Lighting
ANSI/ISA SP75.01	Control Valve Sizing Equations
ANSI/ISO/ASQ Q9001:2000	Quality Management Systems: Requirements
ANSI/ISO/ASQC Q10012-1-1992	Quality Assurance Requirements for Measuring Equipment, Part 1: Meteorological Confirmation System for Measuring Equipment
ANSI/ISO/ASQC-14001-	Environmental Management Systems - Specification with Guidance for Use
ANSI/ISO/ASQC-14004-	Environmental Management Systems - General Guidelines on Principles, Systems, and Supporting Techniques
ANSI/ISO/ASQC-14010-	Guidelines for Environmental Auditing - General Principles
ANSI/ISO/ASQC-14011-	Guidelines for Environmental Auditing - Audit Procedures - Auditing of Environmental Management Systems
ANSI/ISO/ASQC-14012-	Guidelines for Environmental Auditing - Qualification Criteria for Environmental Auditors
ANSI/ISO/ASQC-Q9001-1994	Quality Systems -Model for Quality Assurance in Design/Development, Production, Installation, and Servicing.
ANSI/ISO/ASQC-Q9002-1994	Quality Systems -Model for Quality Assurance in Production and Installation.
ANSI/ISO/ASQC-Q9004-1994	Quality Management and Quality System Elements - Guidelines
ANSI/NBIC NB-23	National Board Inspection Code
ANSI/NCSL Z540-1-1994	American National Standard for Calibration - Calibration Laboratories and Measuring and Test Equipment - General
ANSI/NCSL Z540-1-1997	Calibration Laboratories and Measuring and Test Equipment, General Requirements
ANSI/NFPA 70E	Electrical Safety Requirements for Employee Work Places, 1995
ANSI/PIMA IT9.2-1998	American National Standard for Imaging Materials - Photographic Processed Films, Plates, and Papers - Filing Enclosures and Storage Containers
ANSI/SAE A 92.2	American National Standard for Vehicle-Mounted Elevating and Rotating Aerial Devices
ANSI/SIA A92.2 (1990)	American National Standard for Vehicle-Mounted Elevating and Rotating Aerial Devices (equipment design specification only)
ANSI/UL 726	Oil-Fired Boiler Assemblies, 7th Edition
APHA	Methods of Air Sampling and Analysis
API 12P	Specification for Fiberglass Reinforced Plastic Tanks

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<b>DOCUMENT</b>	<b>TITLE</b>
API 1631	Interior Lining and Periodic Inspection of Underground Storage
API 1632	Cathodic Protection of Underground Petroleum Storage Tanks and Piping Systems
API 5 (2005)	Service Station Safety, Accident Prevention Manual
API 610	Centrifugal Pumps for Petroleum, Petrochemical and Natural Gas Industries
API 620	Design and Construction of Large, Welded, Low-Pressure Storage Tanks
API 650	Welded Steel Tanks for Oil Storage, Eighth Edition
API 674	Positive Displacement Pumps - Reciprocating
API 675	Positive Displacement Pumps - Controlled Volume
API PR 98	California State Petroleum Safety Order on Drilling Safety (Waiver that applies in California)
API Pub 1615	Installation of Underground Petroleum Storage Systems
API RP 579	Fitness for Service
API RP 750	Management of Process Hazards, American Petroleum Institute Recommended Practice
API RP-54	Safety for Gas and Oil Well Drilling
AREA	Manual for Railway Engineering (Fixed Properties)
ARI 1010	Drinking-Fountains and Self-Contained Mechanically-Refrigerated Drinking Water Coolers
ARI 210	Standard for Unitary Air Conditioning Equipment
ARI 240	Standard for Air-Source Unitary Heat Pump Equipment
ARI 280	Standard for Central Forced-Air Electric Heating Equipment
ARI 310/380	Packaged Terminal Air-Conditioners and Heat Pumps
ARI 320	Standard for Water Source Heat Pumps
ARI 325	Ground Water-Source Heat Pumps
ARI 330	Ground-Source Closed-Loop Heat Pumps
ARI 340/360	Commercial and Industrial Unitary Air-Conditioning and Heat Pump Units
ARI 365	Commercial and Industrial Unitary Air-Conditioning Condensing
ARI 410	Forced-Circulation Air-Cooling and Air-Heating Coils
ARI 430	Central-Station Air-Handling Units

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<b>DOCUMENT</b>	<b>TITLE</b>
ARI 450	Remote Type Water-Cooled Refrigerant Condensers
ARI 460	Remote Mechanical-Draft Air-Cooled Refrigerant Condensers
ARI 470	Desuperheater/Water Heater
ARI 520	Positive Displacement Refrigerant Compressors, Compressor Units and Condensing Units
ARI 550	Centrifugal or Rotary Screw Water Chilling Packages
ARI 560	Absorption Water-Chilling and Water Heating Packages
ARI 590	Positive Displacement Compressor Water-Chilling Packages
ARI 610	Standard for Central System Humidifiers
ARI 850	Commercial and Industrial Air Filter Equipment
ARMA	Recommended Performance Criteria for Roofing Membrane using Polymer Modified Betuminoces Products (Inactive)
ARMA	Guide to Preparing Built-up Roofing Specifications
ARMA	Residential Asphalt Roofing Manual
ARMA 800	Sealant Selection and Installation (Inactive)
ASA S3.5	Methods of Calculation of the Speech Intelligibility Index
ASCE 37	Design and Construction of Sanitary and Storm Sewers
ASCE 4	Seismic Analysis of Safety-Related Nuclear Structures, 1989
ASCE 43-05	Seismic Design Criteria for Structures, Systems, and Components in Nuclear Facilities
ASCE 52	Guide for Design of Steel Transmission Towers
ASCE 58	Structural Analysis and Design of Nuclear Plant Facilities
ASCE 63	Structural Plastic Design Manual
ASCE 72	Design of Steel Transmission Pole Structures
ASCE 7-95	Minimum Design Loads for Buildings and Other Structures
ASCE 8	Specification for the Design of Cold-Formed Stainless Steel Structural Members
ASHRAE	Simplified Energy Analysis using the BIN Method
ASHRAE	Refrigeration
ASHRAE	HVAC Systems and Equipment
ASHRAE	HVAC Applications
ASHRAE	HVAC Fundamentals

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<b>DOCUMENT</b>	<b>TITLE</b>
ASHRAE	Design of Smoke Management Systems
ASHRAE 100	Energy Conservation in Existing Buildings
ASHRAE 103	Methods of Testing for Annual Fuel Utilization Efficiency of Residential Central Furnaces and Boilers with exceptions
ASHRAE 110	Method of Testing Performance of Laboratory Fume Hoods
ASHRAE 111	Practices for Measurement, Testing, Adjusting, and Balancing of Building Heating, Ventilation, Air-Conditioning, and Refrigeration Systems
ASHRAE 15	Safety Code for Mechanical Refrigeration
ASHRAE 16	Method of Testing for Rating Room Air Conditioners
ASHRAE 20	Methods of Testing for Rating Remote Mechanical Draft Air Cooled Refrigerant Condensers
ASHRAE 24	Methods of Testing for Rating Liquid Coolers
ASHRAE 37	Method of Testing for Rating Unitary Air Conditioning and Heat Pump Equipment
ASHRAE 51	Laboratory Methods of Testing Fans for Rating
ASHRAE 52.1-1992	Gravimetric and Dust-Spot Procedures for Testing Air Cleaning Devices Used in General Ventilation for Removing Particulate
ASHRAE 55	Thermal Environmental Conditions for Human Occupancy
ASHRAE 62	Ventilation for Acceptable Indoor Air Quality
ASHRAE 90	Energy Conservation in New Building Design
ASHRAE 93	Methods of Testing to Determine the Thermal Performance of Solar Collectors
ASHRAE GRP 158	Cooling and Heating Load Calculation Manual
ASHRAE Handbook	Fundamentals (Inch-Pound Edition)
ASHRAE Handbook	Fundamentals Volume
ASHRAE/ESNA 90.1	Energy Efficient Design of New Buildings Except Low-Rise Residential Buildings, including Addenda 90.16-92, 90.1d-92, 90.1e-92, 90.1g-93, and 90.1i-93
ASME A 17.1	Safety Code for Elevators and Escalators
ASME A13.1	Scheme for Identification of Piping Systems
ASME AG-1	Code on Nuclear Air and Gas Treatment
ASME B 16	Fittings, Flanges and Valves
ASME B 31.1	Power Piping

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### APPENDIX B NON-GOVERNMENT STANDARDS ADOPTED BY DOE

DOCUMENT	TITLE
ASME B 31.2	Fuel Gas Piping
ASME B 31.3	Chemical Plant and Petroleum Refinery Piping
ASME B 31.4	Liquid Petroleum Transportation Piping System
ASME B 31.5	Refrigeration Piping
ASME B 31.8	Gas Transmission and Distribution Piping
ASME B 56.1-1993	Low-Lift and High-Lift Trucks
ASME B30.20	Below-the-Hook Lifting Devices
ASME B31.9	Building Service Piping
ASME B56.6 (1993)	Rough Terrain Fork Lift Trucks (equipment design specification)
ASME BPVC	Boiler and Pressure Vessel Code
ASME BPVC; Sections I, II, IV, V - X	American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (for new construction and new purchases of pressure vessels)
ASME F00230	Boiler and Pressure Vessel Code
ASME FAP-I-1990	Quality Assurance Program Requirements for Fastener Manufacturers and Distributors
ASME N 509	Nuclear Power Plant Air-Cleaning Units and Components
ASME N 510	Testing of Nuclear Air Cleaning Systems
ASME NQA-1	Quality Assurance Program Requirements for Nuclear Facilities
ASME NQA-1-1994, Part 2.15	Quality Assurance Requirements for Hoisting, Rigging, and Transporting of Items for Nuclear Power Plants
ASME NQA-1-1997	Quality Assurance Program Requirements for Nuclear Facilities, Part 1, Requirements and Part 3, Nonmandatory Appendices
ASME NQA-1-2000	Quality Assurance Requirements for Nuclear Applications, Parts 1,2, and 3
ASME NQA-1a-1995	Quality Assurance Requirements for Nuclear Facility Applications, ASME NQA-1-1994 and ASME NQA-1a-1995
ASME NQA-2	Quality Assurance Requirements for Nuclear Facility Applications
ASME NQA-3	Quality Assurance Program Requirements for the Collection of Scientific and Technical Information for Site Characterization of High-Level Nuclear Waste Repositories
ASME PTC 4.1	Steam Generating Units
ASME STS-1	Steel Stacks
ASME Y 14.100M	Engineering Drawing Practices

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DOCUMENT	TITLE
ASME Y 14.13M	Mechanical Spring Representation
ASME Y 14.15	Elwctrical and Electronic Diagrams
ASME Y 14.18M	Optical Parts
ASME Y 14.2	Line Conventions and Lettering
ASME Y 14.24M	Types and Applications of Engineering Drawings
ASME Y 14.34M	Associated Lists
ASME Y 14.35M	Revision of Engineering Drawings and Associated Documents
ASME Y 14.36M	Surface Texture Symbols
ASME Y 14.38-1999	Abbreviations and Acronyms
ASME Y 14.3M	Multiview and Sectional View Drawings
ASME Y 14.4M	Pictorial Drawing
ASME Y 14.5M	Dimensioning and Tolerancing
ASME Y 14.6	Screw Thread Representation
ASME Y 14.7.1	Gear Drawing Standards - Part 1 for Spur, Helical, Double Helical and Rack
ASME Y 14.7.2	Gear and Spline Drawing Standards Part 2 - Bevel and Hypoid
ASME Y 14.8M	Castings and Forgings
ASME Y 32.18	Symbols for Mechanical and Acoustical Elements as Used in Schematic Diagrams
ASME Y 32.2.3	Graphical Symbols for Pipe Fittings, Valves and Piping
ASME Y 32.2.4	Graphical Symbols for Heating, Ventilating, and Air Conditioning
ASME Y 32.2.6	Graphic Symbols for Heat-Power Apparatus
ASME Y 32.7	Graphic Symbols for Railroad Maps and Profiles
ASME Y14.2M	Line Conventions and Lettering
ASNT SNT-TC-1A	Recommended Practice December 1992 Edition - Qualification of Nondestructive Testing Personnel
ASQ Energy Division, 1982	Quality Surveillance Guidelines and Quality Surveillance Handbook, ASQC Quality Press
ASQC E4	Specifications and Guidelines for Quality Systems for Environmental Data Collection and Environmental Technology
ASTM 665	Standard Specification for Mineral-Fiber Blanket Thermal Insulation for Light Frame Construction and Manufactured Housing



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**NON-GOVERNMENT STANDARDS ADOPTED BY DOE**

<b>DOCUMENT</b>	<b>TITLE</b>
ASTM A 185	Welded Steel Wire Fabric for Concrete Reinforcement
ASTM A 307	Specification for Carbon Steel Externally Threaded Standard Fasteners
ASTM A 312	Standard Specification for Seamless and Austenitic Stainless Steel Pipe
ASTM A 325-89	Specification for High-Strength Bolts for Structural Steel Joints
ASTM A 36	Specification for Structural Steel
ASTM A 563	Specification for Carbon Steel Nuts
ASTM A 615	Deformed and Plain Billet-Steel Bars for Concrete Reinforcement
ASTM A 746	Standard Specification for Ductile Gravity Sewer Pipe
ASTM A176	Standard Specification for Stainless and Heat-Resisting Chromium Steel Plate, Sheet, and Strip
ASTM A193	Specification for Alloy-Steel and Stainless Steel Bolting Materials for High-Temperature Service
ASTM A194	Standard Specification for Carbon and Alloy Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both
ASTM A240	Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications
ASTM A262	Standard Practices for Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steels
ASTM A268	Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service
ASTM A269	Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service
ASTM A370	Standard Test Methods and Definitions for Mechanical Testing of Steel Products
ASTM A380	Standard Practice for Cleaning, Descaling, and Passivation of Stainless Steel Parts, Equipment, and Systems
ASTM A403	Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings
ASTM A449	Standard Specification for Hex Cap Screws, Bolts, and Studs, Steel, Heat Treated, 120/ 105/90 ksi Minimum Tensile Strength,
ASTM A500	Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes
ASTM A513	Specification for Electric-Resistance-Welded Carbon and Alloy Steel Mechanical Tubing

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<b>DOCUMENT</b>	<b>TITLE</b>
ASTM A53	Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless
ASTM A564	Standard Specification for Carbon and Alloy Steel Nuts
ASTM A74	Standard Specification for Cast Iron Soil Pipe and Fittings
ASTM A763	Standard Practices for Detecting Susceptibility to Intergranular Attack in Ferritic Stainless Steels
ASTM A888	Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping
ASTM B 1	Standard Specification for Hard-Drawn Copper Wire
ASTM B 152	Standard Specification for Copper Sheet, Strip, Plate and Rolled
ASTM B 329	Apparent Density of Metal Powders and Compounds Using the Scott Volumeter
ASTM B 446	Standard Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNSO6625)
ASTM B 8	Standard Specification for Concrete-Lay Stranded Copper
ASTM B209	Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
ASTM B210	Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes
ASTM B221	Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles and Tubes
ASTM B241	Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube
ASTM B251	Standard Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube
ASTM B308	Standard Specification for Aluminum-Alloy 6061-T6 Standard Structural Profiles
ASTM B68	Standard Specification for Seamless Copper Tube, Bright Annealed
ASTM B75	Standard Specification for Seamless Copper Tube
ASTM B813	Standard Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube
ASTM B819	Standard Specification for Seamless Copper Tube for Medical Gas Systems
ASTM B828	Standard Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings
ASTM B88	Standard Specification for Seamless Copper Water Tube

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#### NON-GOVERNMENT STANDARDS ADOPTED BY DOE

DOCUMENT	TITLE
ASTM C 1009	Standard Guide for Establishing a QA Program for Analytical Chemistry Laboratories within the Nuclear Industry
ASTM C 1030	Standard Test method for the Determination of Plutonium Isopopic Composition by Gamma-Ray Spectrometry
ASTM C 1036	Standard Specification for Flat Glass
ASTM C 1108	Test Method for Plutonium by Controlled-Potential Coulometry
ASTM C 1112	Guide for Application of Radiation Monitors to the Control and Physical Security of Special Nuclear Material
ASTM C 1133	Standard Test Method for the Nondestructive Assay of Special Nuclear Material in Low-Density Scrap and Waste by Segmented Passive Gamma-Ray Scanning
ASTM C 1168	Standard Practice for Preparation and Dissolution of Plutonium Materials for Analysis
ASTM C 1169	Guide for Laboratory Evaluation of Automatic Pedestrian SNM Monitor Performance
ASTM C 1189	Guide to Procedures for Calibrating Automatic Pedestrian SNM Monitor
ASTM C 1196	Test Method of In Situ Compressive Stress Within Solid Unit Masonry Estimated Using Flatjack Measurements
ASTM C 1204	Test Method for Uranium in the Presence of Plutonium by Iron (II) Reduction in Phosphoric Acid Followed by Chromium (VI)
ASTM C 1236	Guide for In-Plant Performance Evaluation of Automatic Vehicle SNM Monitors
ASTM C 1237	Guide to In-Plant Performance Evaluation of Hand-Held SNM
ASTM C 1267	Test Method for Uranium by Iron (II) Reduction in Phosphoric Acid Followed by Chromium (VI) Titration in the Presence of
ASTM C 1268	Standard Test Method for the Quantitative Determination of Americium-241 in Plutonium by Gamma-Ray Spectrometry
ASTM C 1284	Standard Practice for the Electrodeposition of the Actinides for Alpha Spectrometry
ASTM C 1346	Standard Practice for Dissolution of Uranium Hexafluoride from P-10 Tubes
ASTM C 1347	Standard Practice for Preparation and Dissolution of Uranium Materials for Analysis
ASTM C 1411	Standard Practice for Ion Exchange Separation of Uranium and Plutonium Isotopes Prior to Isotopic Analysis

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**NON-GOVERNMENT STANDARDS ADOPTED BY DOE**

<b>DOCUMENT</b>	<b>TITLE</b>
ASTM C 1413	Standard Test Method for Isotopic Analysis of Hydrolyzed Uranium Hexafluoride and Uranyl Nitrate Solutions by Thermal Ionization Mass Spectrometry
ASTM C 1415	Standard Test Method for Pu-238 by Alpha Spectrometry
ASTM C 150	Specification for Portland Cement
ASTM C 177	Standard Test Method for Steady State Thermal Transmission Properties by Means of the Guard Hot Plate
ASTM C 208	Insulating Board (Cellulosic Fiber), Structural and Decorative (reapproved 1982)
ASTM C 236	Standard Test Method for Thermal Conductance and Transmittance of Built-Up Sections by Means of the Guarded Hot
ASTM C 270	Standard Specification for Mortar for Unit Masonry
ASTM C 272	Test for Water Absorption of Core Materials for Structural Sandwich Construction
ASTM C 33	Concrete Aggregates
ASTM C 355	Test for Water Vapor Transmission of Thick Materials
ASTM C 494	Chemical Admixtures for Concrete
ASTM C 509	Standard Specification for Elastomeric Cellular Preformed Gasket and Sealing Material
ASTM C 516	Standard Specification for Vermiculite Loose Fill Thermal Insulation
ASTM C 518	Standard Test Method for Steady State Thermal Transmission Properties by Means of Heat Flow Meter
ASTM C 520	Standard Method for Density of Granular Loose-Fill Insulation (reapproved 1975)
ASTM C 533	Standard Specification for Calcium Silicate Block and Pipe Thermal Insulation
ASTM C 534	Standard Specification for Preformed Flexible Elastomeric Cellular Thermal Insulation in Sheet and Tubular Form
ASTM C 547	Standard Specification for Mineral Fiber Pipe Insulation
ASTM C 549	Standard Specification for Perlite Loose Fill Insulation (reapproved 1986)
ASTM C 55	Standard Specification for Concrete Building Brick
ASTM C 552	Standard Specification for Cellular Glass Thermal Insulation
ASTM C 553	Standard Specification for Mineral Fiber Blanket Thermal Insulation for Commercial and Industrial Applications

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<b>DOCUMENT</b>	<b>TITLE</b>
ASTM C 570	Specification for Oil and Resin Based Caulking Compound for Building Construction
ASTM C 578	Standard Specification for Preformed, Block-Type Cellular Polystyrene Thermal Insulation
ASTM C 591	Standard Specification for Unfaced Preformed Rigid Cellular Polyisocyanurate Thermal Insulation
ASTM C 592	Standard Specification for Mineral Fiber Blanket Insulation and Blanket-Type Pipe Insulation (Metal-Mesh Covered) (Industrial
ASTM C 610	Standard Specification for Molded Expanded Perlite Block and Pipe Thermal Insulation
ASTM C 612	Standard Specification for Mineral Fiber Block and Board Thermal Insulation
ASTM C 62	Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)
ASTM C 635	Standard Specification for the Manufacture, Performance, and Testing of Metal Suspension Systems for Acoustical Tile and for
ASTM C 636	Standard Recommended Practice for Installation of Metal Ceiling Systems for Acoustical Tile and for Lay-In Panels
ASTM C 660	Standard Practices for Production and Preparation of Gray Iron Castings for Porcelain Enameling (Reapproved 1989)
ASTM C 71	Standard Terminology Relating to Refractories
ASTM C 720	Specification for Spray-Applied Fibrous Thermal Insulation for Elevated Temperature (Discontinued 1999)
ASTM C 726	Standard Specification for Mineral Fiber and Roof Insulating
ASTM C 728	Standard Specification for Perlite Thermal Insulation Board
ASTM C 730	Standard Test Method for Knoop Indentation Hardness of Glass
ASTM C 755	Standard Recommended Practice for Selection for Vapor Barriers for Thermal Insulation
ASTM C 761	Standard Test Methods for Chemical, Mass Spectrometric, Spectrochemical, Nuclear, and Radiochemical Analysis of UF6
ASTM C 764	Standard Specification for Mineral Fiber Loose-Fill Thermal
ASTM C 790	Standard Recommended Practice for use of Latex Sealing Compounds
ASTM C 797	Standard Recommended Practices and Terminology for Use of Oil- and Resin-Based Putty and Glazing Compounds
ASTM C 804	Standard Recommended Practices for Use of Solvent Release Type Sealants

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DOCUMENT	TITLE
ASTM C 834	Specification for Latex Sealing Compounds (reapproved 1986)
ASTM C 840	Standard Specification for Application and Finishing of Gypsum
ASTM C 845	Standard Specification for Expansive Hydraulic Cement
ASTM C 892	Standard Specification for High-Temperature Fiber Blanket Thermal Insulation
ASTM C 90	Standard Specification for Load-Bearing Concrete Masonry Units
ASTM C 920	Standard Specification for Elastomeric Joint Sealants
ASTM C 971	Guide for Selection and Application of Insulation Systems for Heating, Ventilating, and Air Conditioning Duct Work
ASTM C 976	Standard Test Method for Thermal Performance of Building Assemblies by Means of a Calibrated Hot Box
ASTM C 984	Standard Method of Test for Apparent Density of Rigid Cellular Plastics (reapproved 1975)
ASTM C 984	Specification for Perlite Board and Rigid Cellular Polyisocyanurate Composite Roof Insulation (Discontinued 1997)
ASTM C 986	Standard Guide for Developing Training Programs in the Nuclear Fuel Cycle
ASTM C 993	Guide for In-Plant Performance Evaluation of Automatic Pedestrian SNM Monitors
ASTM C1277	Standard Specification for Shielded Couplings Joining Hubless Cast Iron Soil Pipe Fittings
ASTM C852	Standard Guide for Design Criteria for Plutonium Gloveboxes
ASTM D 1586	Standard Method for Penetration Test and Split-Barrel Sampling of Soils
ASTM D 178	Specifications for Rubber Insulating Matting
ASTM D 1914-95	Conversion Units & Factors Relating to Sampling and Analysis of Atmospheres
ASTM D 2113	Standard Practice for Diamond Core Drilling for Site Investigation
ASTM D 2156	Method of Tests for Smoke Density in Flue Gases from Distillate Fuels [reapproved 1975 (ANSI Z11.182-65 (R 1971))]
ASTM D 2488	Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)
ASTM D 257	Test for DC Resistance on conductance of Insulating Materials
ASTM D 3631-95	Measuring Surface Atmospheric Pressure

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<b>DOCUMENT</b>	<b>TITLE</b>
ASTM D 3656	Standard Specification for Insect Screening and Louver Cloth Woven from Vinyl Coated Glass Yarns
ASTM D 3678	Standard Specification for Rubber Cellular Cushion Used for Carpet or Rug Underlay
ASTM D 396	Standard Specification for Fuel Oils
ASTM D 4023-82a/R96	Humidity Measurements
ASTM D 4099	Standard Specification for Poly (Vinyl Chloride) (PVC) Prime Windows/Sliding Glass Doors
ASTM D 4230-83/R96	Measuring Humidity with Cooled-Surface Condensation (Dew-Point) Hygrometer
ASTM D 4256	Standard Test Method for the Determination of the Decontaminability of Coatings Used in Light-Water Nuclear
ASTM D 4430-96	Determining Operational Comparability of Meteorological Measurements
ASTM D 4546	Standard Test Method for One-Dimensional Swell or Settlement Potential of Cohesive Soil
ASTM D 5096-96	Determining the Performance of a Cup Anemometer or Propeller Anemometer
ASTM D 5366-96	Determining the Dynamic Performance of a Wind Vane
ASTM D 5527-94	Measuring Surface Wind and Temperature by Acoustic Means
ASTM D 5741-96	Characterizing Surface Wind Using a Wind Vane and a Rotating Anemometer
ASTM D 6011-96	Determining the Performance of a Sonic
ASTM D 6176M-97	Measuring Surface Atmospheric Temperature with Electrical Resistance Temperature Sensors (Metric)
ASTM D 698	Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort
ASTM D1048	Specifications for Rubber Insulating Blankets
ASTM D1051-1087	Standard Specification for Rubber Insulating Sleeves
ASTM D120	Standard Specification for Rubber Insulating Gloves
ASTM D149	Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies
ASTM D1708	Standard Test Method for Tensile Properties of Plastics by Use of Microtensile Specimens

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<b>DOCUMENT</b>	<b>TITLE</b>
ASTM D1785	Standard Specification For Poly (Vinyl Chloride)(PVC) Plastic Pipe, Schedules 40, 80, and 120
ASTM D18	Specifications for Rubber Insulating Matting
ASTM D2000	Standard Classification System for Rubber Products in Automotive Applications-SAE J200
ASTM D2241	Standard Specification for Poly (Vinyl Chloride)(PVC) Oressure-Rated Pipe (SDR Series)
ASTM D2464	Standard Specification for Threaded Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 80
ASTM D2466	Standard Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 40
ASTM D2467	Standard Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 80
ASTM D2564	Standard Specification for Solvent Cements for Poly (Vinyl Chloride)(PVC) Plastic Piping Systems
ASTM D2661	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D2665	Standard Specification for Poly (Vinyl Chloride)(PVC) Plastic Drain, Waste, and Vent Pipe and Fittings
ASTM D2855	Standard Practice for Making Solvent-Cemented Joints with Poly (Vinyl Chloride)(PVC) Pipe and Fittings
ASTM D792	Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement
ASTM E 104-85/R96	Maintaining Constant Relative Humidity by Means of Aqueous Solutions
ASTM E 1168	Standard Guide for Radiological Protection Training for Nuclear Facility Workers
ASTM E 119	Standard Methods of Fire Tests of Building Construction and
ASTM E 136	Behavior of Materials in a Vertical Tube Furnace at 750 degrees
ASTM E 142	Controlling Quality of Radiographic Testing
ASTM E 283	Standard Test Method for Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors
ASTM E 337-84/R96	Measuring Humidity with a Psychrometer (the Measurement of Wet- and Dry-Bulb Temperatures)
ASTM E 380	Standard Practice for the Use of the International System of
ASTM E 413	Classification for Rating Sound Insulation



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<b>DOCUMENT</b>	<b>TITLE</b>
ASTM E 576	Standard Test Method for Dew/Frost Point of Sealed Insulating Glass Units in Vertical Position
ASTM E 580	Standard Practice for Application of Ceiling Suspension Systems for Acoustical Tile and Lay-in Panels in Areas Requiring Seismic
ASTM E 648	Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source
ASTM E 737	Standard Practice for the Installation of Storm Windows, Replacement Windows, Multi-Glazing, Storm Doors and
ASTM E 84	Standard Test Method for Surface Burning Characteristics of Building Materials
ASTM E 84	Standard Test Method for Surface Burning Characteristics
ASTM E 96	Standard Test Method for Water Vapor Transmission of Materials in Sheet Form (reapproved 1972)
ASTM F 693	Standard Practice for Sealing Seams of Resilient Sheet Flooring Products
ASTM F 792	Standard Practice for Design and Use of Ionizing Radiation Equipment for Detection of Items Prohibited in Controlled Areas
ASTM F104	Standard Classification System for Nonmetallic Gasket Materials
ASTM F1117	Standard Specification for Dielectric Overshoe Footwear
ASTM F1236	Standard Guide for Visual Inspection of Electrical Protective Rubber Products
ASTM F146	Standard Test Methods for Fluid Resistance of Gasket Materials
ASTM F1505	Specifications for Insulated and Insulating Hand Tools
ASTM F1506	Standard Specification for Protective Wearing Apparel for Use by Electrical Workers When Exposed to Momentary Electric Arc and Related Thermal Hazards
ASTM F152	Standard Test Methods for Tension Testing of Nonmetallic Gasket Materials
ASTM F1742	Specifications for PVC Insulating Sheeting
ASTM F36	Standard Test Method for Compressibility and Recovery of Gasket Materials
ASTM F37	Standard Test Methods for Sealability of Gasket Materials
ASTM F38	Standard Test Methods for Creep Relaxation of a Gasket Material
ASTM F433	Standard Practice for Evaluating Thermal Conductivity of Gasket Materials

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DOCUMENT	TITLE
ASTM F496	Standard Specification for In-Service Care of Insulating Gloves and Sleeves
ASTM F696	Standard Specification for Leather Protectors for Rubber Insulating Gloves and Mittens
ASTM G 1	Standard Recommended practice for Preparing, Cleaning, and Evaluating Corrosion Test Specimens (reapproved 1979)
ASTM G 46	Standard Practice for Examination and Evaluation of Pitting
ASTM G28	Standard Test Methods of Detecting Susceptibility to Intergranular Corrosion in Wrought, Nickel-Rich, Chromium-
ATA	Hazardous Materials Tariff
ATSSA	Uniform Traffic Control Devices
AWS A2.4	Standard Symbols for Welding, Brazing, and Nondestructive Examination
AWS A3.0	Standard Welding Terms and Definitions Including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying
AWS B2.1	Specification for Welding Procedure and Performance Qualification
AWS D 1.1	Structural Welding Code-Steel
AWS D 1.2	Structural Welding Code-Aluminum
AWS D 1.3	Structural Welding Code-Sheet Steel
AWS D 1.4	Structural Welding Code - Reinforcing Steel
AWS D 14.1	Specification for Welding Industrial Mill Cranes
AWS D 5.2	Standards for Welded Steel, Elevated Tanks, Standpipes, and Reservoirs for Water Storage (see AWWA D100)
AWS D1.6	Structural Welding Code - Stainless Steel
AWS D9.1M	Sheet Metal Welding Code
AWS F 2.1	Recommended Safe Practice for Electron Beam Welding and
AWS QC-1	Specification for Qualification and Certification of Welding
AWWA	Water Treatment Plant Design
AWWA	Standard Methods for the Examination of Water and Wastewater
AWWA	Manual of Water Quality and Treatment
AWWA C 651	Standard for Disinfecting Water Mains
AWWA C 652	Disinfection of Water Storage Facilities

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<b>DOCUMENT</b>	<b>TITLE</b>
AWWA D 100	Welded Steel Tanks for Water Storage
AWWA D100-96	Welded Steel Tanks for Water Storage (Includes Supplement to ANSI/AWWA D100a-89)
AWWA D100a-89	Welded Steel Tanks for Water Storage (Supplement to ANSI/AWWA D100-84)
Bell Telephone	Bell Telephone Standards Maintenance, Installation and Operation
BIA	Dampproofing and Water Proofing Masonry Walls
BIA	Building Code Requirements for Engineered Brick Masonry (replaced by ACI 530) (Inactive)
BIA 7	Water Resistance of Brick Masonry—Design and Detailing
BOCA	Basic National Mechanical Code
BOCA NBC	National Building Code
CGA	Handbook of Compressed Gases
CGA G4.1	Cleaning Equipment for Oxygen
CGA G4.4	Industrial Practices for Gaseous Oxygen Transportation and Distribution Piping
CGA P-1	Safe Handling of Compressed Gases in Containers
CGA S-1.1	Pressure Relief Device Standards, Part 1, Cylinders for Compressed Gases
CGA S-1.2	Pressure Relief Device Standards, Part 2, Cargo and Portable Tanks for Compressed Gases
CGA S-1.3	Pressure Relief Device Standards, Part 3, Compressed Gas Storage Containers (Fourth Edition)
CISCA	Acoustical Ceilings-Use and Practice
CMAA 70	Specification for Electric Overhead Traveling Cranes
CMAA 74	Crane Manufacturer's Association of America Specification
CSAO	Crane Handbook
CSAO	Rigging Manual
CSD-1	Controls and Safety Devices for Automatically Fired Boilers
CTI ATC-105	Acceptance Test Code for Water Cooling Towers
CTI Std. 201	Standard for the Certification of Water-Cooling Towers Thermal Performance
DOE/EH-0173t	Environmental Regulatory Guide for Radiological Effluent Monitoring and Environmental Surveillance RADP EH

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<b>DOCUMENT</b>	<b>TITLE</b>
EIA 222-D	Structural Standards for Steel Antenna Towers and Antenna Supporting Structures
EIA/IS-632	Systems Engineering
FGMA	Sealant Manual
FGMA	Glazing Manual
FM (now FMRC)	Approval Guides
FM 1 (now FMRC)	Loss Prevention Data Sheets
FM 1-57 (now FMRC)	Loss Prevention Data Sheet on Rigid Foamed Polyurethane
FM 5.4 (now FMRC)	Loss Prevention Data Sheet on Transformers
GA 201	Using Gypsum Board for Walls and Ceilings
HLD-1	Performance Evaluation Procedure for Household Tumble Type Clothes Dryers
HLD-2EC	Test Method for Measuring Energy Consumption of Household Tumble Type Clothes Dryers
HLW-1	Household Washer Performance Evaluation Procedure
HLW-2EC	Test Method for Measuring Energy Consumption of Household Clothes Washers
HRF-2 ECFT	Test Procedures to Determine the Temperature and Energy Consumption of Household Refrigerators, Combination Refrigerator-Freezers, and Freezers
HU-1	Appliance Humidifier Standard
IAEA	Dangerous Goods Regulations
IAEA	Criticality Control of Fissile Materials
IAEA 116	Design of Spent Fuel Storage Facilities
IAEA 207	Notification to the Agency (IAEA) of Exports and Imports of Nuclear Material
IAEA 30	Manual on the Safety Aspects of the Design and Equipment of Hot Laboratories
IAEA 31	Safe Operation of Nuclear Power Plants
IAEA 35	Safe Operation of Critical Assemblies and Research Reactors,
IAEA 35.S1	Code on the Safety of Nuclear Research Reactors
IAEA 50-SG-QA10	Safety Guide—Assessment
IAEA 50-SG-S3	Atmospheric Dispersion in Nuclear Power Plant Siting

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DOCUMENT	TITLE
IAEA 6	Regulations for the Safe Transportation of Radioactive Material
IAEA 75-INSAG-3	Basic Safety Principles for Nuclear Power Plants
IAEA NMMSS D-207	U.S. Importer and Exporter and Foreign Facility IAEA Material Balance Area Codes and IAEA Country Codes
IAEA Safety Series 50-P-1	Application of Single Failure Criterion: Safety Practice
IAEA Safety Series No. 81	Derived Intervention Levels for Application in Controlling Radiation Doses to the Public in the Event of a Nuclear Accident or Radiological Emergency
IAEA Safety Series No. 86	Techniques and Decision Making in the Assessment of Off-Site Consequences of an Accident in a Nuclear Facility
IAEA Safety Series No. 87	Emergency Response Planning and Preparedness for Transport Accidents Involving Radioactive Material
IAEA TECDOC-919	Management of Procurement Activities in a Nuclear Installation
IAPMO	Uniform Plumbing Code
IATA	Restricted Articles Regulation (International Air Transportation Association)
IATA	International Air Transport Association Safety Requirements
ICAO	International Civil Aviation Technical Instructions
ICBO	International Mechanical Code
ICBO 17-6	Method of Test for the Evaluation of Flammability Characteristics of Exterior, Nonload-Bearing Wall Panel Assemblies Using Foam Plastic Insulation
ICBO 4071	Suspended Ceilings
ICBO 47-18	Metal Suspension Systems for Acoustical Tile and for Lay-in Panel Ceilings
ICBO UBC	Uniform Building Code
ICC (International Code Council)	International Building Code (IBC)
ICC IFC	International Fire Code (IFC)
ICC/ANSI A 117.1	Specifications for Making Buildings and Facilities Accessible to, and Usable by, Physically Handicapped People
ICI Publication 13.2	Method of Measuring and Specifying Color Rendering Properties of Light Sources corrected 1993
ICRP	Report of the Task Group on Reference Man
ICRP	Radiation Protection Standards Report

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<b>DOCUMENT</b>	<b>TITLE</b>
ICRP 22	Implication of Commission Recommendations that Doses be Kept as Low as Reasonably Achievable
ICRP 23	Reference Man Anatomical Physiological and Metabolic Characteristics
ICRP 25	The Handling, Storage, Use and Disposal of Unsealed Radionuclides in Hospitals and Medical Research Facilities
ICRP 26	Recommendations of the International Commission on Radiological Protection
ICRP 30	Limits for Intakes of Radionuclides by Workers
ICRP 32	Limits for Inhalation of Radon Daughters by Workers
ICRP 37	Cost-Benefit Analysis in the Optimization of Radiation Protection
ICRP 40	Protection of the Public in the Event of Major Radiation Accidents: Principles for Planning
ICRP 45	Quantitative Basis for Developing a Unified Index of Harm
ICRP 48	The Metabolism of Plutonium and Related Elements
ICRP 54	Individual Monitoring for Intakes of Radionuclides by Workers: Design and Interpretation
ICRP 55	Optimization and Decision-Making in Radiological Protection
ICRP 60	1990 Recommendations of the International Commission of Radiological Protection
ICRP 66	Human Respiratory Tract Model of Radiological Protection
ICRP 68	Dose Coefficients for Radionuclide Intakes By Workers
ICRP 72	Age-Dependent Doses to Members of the Public from Intakes of Radionuclides, Part 5, Compilation of Ingestion and Inhalation Coefficients
ICRP 74	Conversion Coefficients for Use in Radiological Protection Against External Radiation
ICRP 75	General Principles for the Radiation Protection of Workers
ICRP 78	Individual Monitoring for Internal Exposure of Workers - Replacement of ICRP Publication 54
ICRP 88	Doses to the Embryo and Fetus from Intakes of Radionuclides by the Mother
ICRU 14	Radiation Dosimetry
ICRU 20	Radiation Protection Instrumentation and Its Application
ICRU 33	Radiation Quantities and Units

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DOCUMENT	TITLE
ICRU 43	Determination of Dose Equivalents from External Radiation Sources—Part 2
IEC 964	Design for Control Rooms of Nuclear Power Plants
IEC Std. 60034-1	Rotating Electrical Machines (Part 1, Section 3, Clause 3.2.1 and Figure 1) with amendment 1
IEC Std. 60050-411	International Electrotechnical Vocabulary (Chapter 411, Sections 411-33-07 and 411-37-26)
IEC Std. 60072-1	Dimensions and Output Series for Rotating Electrical Machines (Part 1, Frame Numbers 56 to 400 and Flange Numbers 55 to 1080, Clauses 2, 3, 4.1, 6.1, 7, and 10 and Tables 1, 2, and 4)
IEC Std. 705	Methods for Measuring the Performance of Microwave Ovens for Household and Similar Purposes, Section 4, Paragraph 13, Electrical Power Input Measurement and Paragraph 14, Efficiency
IEEE 1015	Recommended Practice for Applying Low-Voltage Circuit Breakers Used in Industrial and Commercial Power Systems-
IEEE 1016.1-1993	IEEE Guide to Software Design Descriptions
IEEE 1016-1987	IEEE Recommended Practice for Software Design Descriptions
IEEE 1023	Guide for the Application of Human Factors Engineering to Systems, Equipment, and Facilities of Nuclear Power Generating
IEEE 1046	Application Guide for Distributed Digital Control and Monitoring for Power Plants
IEEE 1050	Guide for Instrumentation and Control Equipment Grounding in Generating Stations
IEEE 1058	IEEE Standard for Software Project Management Plans
IEEE 1063-1987	IEEE Standard for Software User Documentation
IEEE 1074-1991	IEEE Standard for Developing Software Life Cycle Processes
IEEE 1100	Recommended Practice for Powering and Grounding Electronic Equipment-IEEE Emerald Book
IEEE 1219-1992	IEEE Standard for Software Maintenance
IEEE 141	Recommended Practice for Electric Power Distribution for Industrial Plants
IEEE 142	Recommended Practice for Grounding of Industrial and Commercial Power Systems
IEEE 200	Reference Designators
IEEE 242	Recommended Practice for Protection and Coordination of Industrial and Commercial Power Systems

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<b>DOCUMENT</b>	<b>TITLE</b>
IEEE 268	Standard Metric Practice
IEEE 279	Criteria for Protection Systems for Nuclear Power Generating Stations (replaced by IEEE 603) (Inactive)
IEEE 308	Standard Criteria for Class IE Power Systems for Nuclear Power Generating Stations
IEEE 315	Graphic Symbols for Electrical and Electronics Diagrams
IEEE 317	Standard for Electrical Penetration Assemblies in Containment Structures for Nuclear Power Generating Stations
IEEE 323	Standard for Qualifying Class IE Equipment for Nuclear Power Generating Stations
IEEE 336	Standard Installation, Inspection, and Testing Requirements for Power, Instrumentation and Control Equipment at Nuclear Facilities
IEEE 338	Standard Criteria for the Periodic Surveillance Testing of Nuclear Power Generating Station Safety Systems
IEEE 344	Recommended Practices for Seismic Qualification of Class IE Equipment for Nuclear Power Generating Stations
IEEE 352	Guide for General Principles of Reliability Analysis of Nuclear Power Generating Station Protection Systems
IEEE 379	Standard Application of the Single-Failure Criterion to Nuclear Power Generating Station Safety Systems
IEEE 382	Standard for Qualification of Actuators for Power Operated Valve Assemblies with Safety Related Functions for Nuclear Power
IEEE 384	Standard Criteria for Independence of Class IE Equipment and
IEEE 399	Recommended Practice for Industrial and Commercial Power System Analysis
IEEE 446	Recommended Practice for Emergency and Standby Power for Industrial and Commercial Applications
IEEE 450	Recommended Practice for Maintenance, Testing, and Replacement of Large Lead Storage Batteries for Generating Stations and Substations
IEEE 484	Recommended Practice for Installation Design and Installation of Vented Lead-Acid Batteries for Stationary Applications
IEEE 485	Recommended Practice for Sizing Lead-Acid Batteries for Stationary Applications
IEEE 493	Recommended Practice for the Design of Reliable Industrial and Commercial Power Systems



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DOCUMENT	TITLE
IEEE 498	Standard Requirements for the Calibration and Control of Measuring and Test Equipment Used in Nuclear Facilities
IEEE 500	IEEE Guide to the Collection and Presentation of Electrical, Electronic, Sensing Component, and Mechanical Equipment Reliability Data for Nuclear Power Generating Stations
IEEE 567	Trial Use Standard Criteria for the Design of The Control Room Complex
IEEE 576	Recommended Practice for Installation, Termination, and Testing of Insulated Power Cable as Used in Industrial and Commercial Applications
IEEE 602	Recommended Practice for Electrical Systems in Health Care
IEEE 603	Standard Criteria for Safety Systems for Nuclear Power Generating Stations
IEEE 610.12-1990	IEEE Standard Glossary of Software Engineering Terminology
IEEE 730	Standard for Software Quality Assurance Plan
IEEE 739	Recommended Practice for Energy Conservation and Cost-Effective Planning in Industrial Facilities
IEEE 80	Guide for Safety in AC Substation Grounding
IEEE 828	Standard for Software Configuration Management Plans
IEEE 829	Standard for Software Test Documentation
IEEE 837	Qualifying Permanent Connections Used In Substation Grounding
IEEE 845	Guide for the Evaluation of Human-System Performance in Nuclear Power Generating Stations
IEEE C 37	Circuit Breakers, Switchgear, Relays, Substations and
IEEE C 37.91	Guide for Protective Relay Applications to Power Transformers
IEEE C57 (Series)	Standard General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers
IEEE C62 (Series)	Standards for Surge Arresters for AC Power
IEEE N42.20	American National Standard Performance Criteria for Active Personnel Radiation Monitors
IEEE SI-10	Standard for Use of the International System of Units (SI): The Modern Metric System
IEEE Std. 112	Test Procedure for Polyphase Induction Motors and Generators, Test Method B, with corrections to item 28 in section 10.2, Form
IEEE Y32.9	Graphic Symbols for Electrical and Wiring Diagrams Used in Architecture and Building Construction

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<b>DOCUMENT</b>	<b>TITLE</b>
IEEE-100	The IEEE Standard Dictionary of Electrical and Electronics Terms, Sixth Edition
IES Handbook	Reference and Application, 8th Edition, Chapter 6, Light Sources
IES-LM-16	IES Practical Guide to Colorimetry of Light Sources
IES-LM-20	IES Approved Method for Photometric Measuring and Reporting Test on Reflector Type Lamps
IES-LM-45	IES Approved Method for Electrical and Photometric Measurements of General Service Incandescent Filament Lamps
IES-LM-58	IES Guide to Spectroradiometric Measurements
IES-LM-66	IES Approved Method for the Electrical and Photometric Measurements of Single-Ended Compact Fluorescent Lamps
IES-LM-9	Approved Method for the Electrical and Photometric Measurements of Fluorescent Lamps
IESNA RP8	Roadway Lighting, Practice for
IPC-A-600	Printed Wiring Boards (Fabrication)
IPC-D-275	Circuit Card Assemblies
ISA	Standards and Practices for Instrumentation (published by the Instrumentation, Systems, and Automation Society)
ISA 5.1	Instrumentation Symbols and Identification
ISA 5.2	Binary Logic Diagrams for Process Operations
ISA 5.3	Graphic Symbols for Distributed Control/Shared Display Instrumentation, Logic and Computer Systems
ISA 67.04	Setpoints for Nuclear Safety-Related Instrumentation
ISA 84.01	Application of Safety Instrumented Systems for the Process
ISA S5.1	Instrumentation Symbols and Identification
ISA S5.3	Graphic Symbols for Distributed and Control/Shared Display Instrumentation, Logic, and Computer Systems
ISA S5.4	Instrument Loop Diagrams
ISA S5.5	Graphic Symbols for Process Displays
ISDSI 102	Installation Standard for Insulated Steel Door Systems
ISO 10149	(High Sierra Standard): Yellow Book, CD-ROM, Read Only Memory and CD-ROM XA, Extended Architecture
ISO 12083	Electronic Manuscript Preparation and Markup

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ISO 14001.1	Environmental Management Systems—Specification with Guidance for Use
ISO 14004	Environmental Management Systems General Guidelines on Principles, Systems, and Supporting Techniques
ISO 14010.1	Guidelines for Environmental Auditing—General Principles
ISO 14011/1.2	Guidelines for Environmental Auditing—Audit Procedures—Part 1: Auditing of Environmental Management Systems
ISO 14012.1	Guidelines for Environmental Auditing—Qualification Criteria for Environmental Auditors
ISO 1677	Sealed Radioactive Sources: General
ISO 18911:2000(E)	Imaging materials - Processed safety photographic films - storage practices
ISO 4037	X and Gamma Reference Radiation for Calibrating Dosimeters and Dose Ratemeters and for Determining Their Response as a Function of Photon Energy
ISO 4341	Magnetic Tape Cassette and Cartridge Labeling and File Structure for Information Exchange
ISO 4826	Sealed Radioactive Sources: Leak Test Methods
ISO 646	Seven-Bit Coded Character Set for Information Exchange
ISO 6980	Reference Data Radiations for Calibrating Dosimeters and Dose Ratemeters and for Determining Their Responses as a Function of Beta Radiation Energy
ISO 7503-1	Evaluation of Surface Contamination—Part 1: Beta-Emitters (Maximum Beta Energy Greater Than 0.15 MeV) and Alpha-
ISO 7503-2	Evaluation of Surface Contamination—Part 2: Tritium Surface Contamination
ISO 8194	Radiation Protection Clothing for Protection Against Radioactive Contamination Design, Selection, Testing and Use
ISO 8529	Neutron Reference Radiations for Calibrating Neutron-Measuring Devices Used for Radiation Protection Purposes and for Determining Their Response as a Function of Neutron Energy
ISO 8632	Computer Graphics—Metafile for the Storage and Transfer of Picture Description Information
ISO 8769	Reference Sources for the Calibration of Surface Contamination Monitors— Beta-Emitters (Maximum Beta Energy Greater Than 0.15 MeV) and Alpha Emitters
ISO 8824	Information Technology—Open Systems Interconnection—Specification of Abstract Syntax Notation One

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ISO 8825	Information Technology—Open Systems Interconnection—Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1)
ISO 8879	Information Processing—Text and Office Systems—Standard Generalized Markup Language (SGML)
ISO 9000	Quality Management and Quality Assurance Standards—Guidelines for Selection and Use
ISO 9001	Quality Systems—Model for Quality Assurance in Design/Development, Production, Installation, and Servicing
ISO 9002	Quality Systems—Model for Quality Assurance in Production and Installation
ISO 9003	Quality Systems—Model for Quality Assurance in Final Inspection and Test
ISO 9004	Quality Management and Quality Systems Elements—Guidelines
ISO 9069	Document Interchange Format (SDIF)
ISO 9070	Registration Procedures for SGML Public Text Owner Identifiers
ISO 9660	(High Sierra Standard): Red Book CD-DA, Digital Audio; Green Book, CD-1, Interactive
ISO TR 9573	Techniques for Using SGML
ISO/FDIS 2919	Radiation Protection Sealed Radioactive Sources General Requirements and Classification
ISO/IEC 10036	Procedure for Registration of Glyph and Glyph-Collection
ISO/IEC 10744	Information Technology—Hypermedia/Time-Based Structuring Language (HyTime)
ISO/IEC 15408	Information Technology -- Security Techniques -- Evaluation Criteria for IT Security -- Part 1: Introduction and General Model
ISO/IEC 9541	Font Information Interchange, Parts 1 and 2, Architecture and Interchange Format
ISO/IEC Guide 25, 1990	General Requirements for the Competence of Calibration and Testing Laboratories
ITE & NSC	Traffic Engineer's Handbook
MBMA	Metal Building Systems Manual
MCA (now CMA)	Manual Sheets
MCA (now CMA)	Chemical Safety Data Sheets
MLSFA	Steel Framing Systems Manual

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<b>DOCUMENT</b>	<b>TITLE</b>
NAAMM	Metal Finishes Manual
NACE 6A192	Dehumidification and Temperature Control During Surface Preparation, Application, and Curing for Coatings/Linings of Steel Tanks, Vessels, and Other Enclosed Areas
NACE 6G198	Wet Abrasive Blast Cleaning
NACE 80200	Preparation of Protective Coating Specifications for Atmospheric Service
NACE BOS VOL 1	NACE International BOOK OF STANDARDS Volume 1
NACE BOS VOL 2	NACE International BOOK OF STANDARDS Volume 2
NACE RPO 169-92	National Association of Corrosion Engineers - Control of External Corrosion on Underground or Submerged Piping Systems
NAPHCC	National Standard Plumbing Code
Nat. Comm. For Cert. Crane Operators	National Commission for the Certification of Crane Operators, Candidate Handbook - Physician Instructions for Medical
NCMA	Waterproof Coatings for Concrete Masonry
NCMA	Waterproofing Concrete Masonry Basements and Earth Sheltered Structures
NCMA TR 75B	Specifications for the Design and Construction of Load-Bearing Concrete Masonry
NCRP 102	Medical X-Ray, Electron Beam and Gamma-Ray Protection for Energies Up to 50 MeV (Equipment Design, Performance and
NCRP 106	Limit for Exposure to "Hot Particles" on the Skin
NCRP 116	Limitation of Exposure to Ionizing Radiation
NCRP 30	Safe Handling of Radioactive Materials
NCRP 38	Protection Against Neutron Radiation
NCRP 40	Protection Against Radiation from Brachytherapy Sources
NCRP 49	Structural Shielding Design and Evaluation for Medical Use of X Rays and Gamma Rays of Energies Up to 10 MeV
NCRP 51	Radiation Protection Design Guidelines for 0.1-100 MeV Particle Accelerator Facilities
NCRP 53	Review of NCRP Dose Limit for Embryo and Fetus in Occupationally Exposed Women
NCRP 57	Instrumentation and Monitoring Methods for Radiation Protection
NCRP 59	Operational Radiation Safety Program

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<b>DOCUMENT</b>	<b>TITLE</b>
NCRP 61	Radiation Safety Training Criteria for Industrial Radiography
NCRP 65	Management of Persons Accidentally Contaminated with
NCRP 71	Operational Radiation Safety Training
NCRP 72	Radiation Protection and Measurement for Low-Voltage Neutron Generators
NCRP 84	General Concepts for the Dosimetry of Internally Deposited Radionuclides
NCRP 87	Use of Bioassay Procedures for Assessment of Internal Radionuclide Deposition
NCRP 88	Radiation Alarms and Access Control Systems
NCRP 91	Recommendations on Limits for Exposure to Ionizing Radiation
NCSL RP-1	Recommended Practice RP-1, Establishment and Adjustment of Calibration Intervals
NEMA 250	Enclosures for Electrical Equipment
NEMA C84.1	Electric Power Systems and Equipment - Voltage Ratings (60
NEMA DC 3	No title stated
NEMA ICS	Industrial Controls and Systems
NEMA MG1	Motors and Generators, Revision 1
NEMA MG-1	Motors and Generators
NEMA MG10	Energy Management Guide for Selection and Use of Polyphase
NEMA MG11	
NFPA	NEC Handbook
NFPA	Hazardous Materials Response Handbook
NFPA	National Fuel Gas Code Handbook
NFPA	Automatic Sprinkler Systems Handbook
NFPA	NFPA 1500 Handbook
NFPA	Liquefied Petroleum Gases Handbook
NFPA	Life Safety Code Handbook
NFPA	Health Care Facilities Handbook
NFPA	Hazard Classification Systems (Inactive)
NFPA	Handbook of Fire Protection
NFPA	Flammable and Combustible Liquids Code Handbook

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<b>DOCUMENT</b>	<b>TITLE</b>
NFPA	NFPA Handbook
NFPA 1	Fire Prevention Code
NFPA 10	Standard for Portable Fire Extinguishers
NFPA 1001	Standard for Fire Fighter Professional Qualifications
NFPA 1002	Standard for Fire Apparatus Driver/Operator Professional Qualifications
NFPA 1003	Standard for Airport Fire Fighter Professional Qualifications
NFPA 101	Code for Safety to Life from Fire in Buildings and Structures
NFPA 101A	Alternative Approaches to Life Safety
NFPA 101M	Manual on Alternative Approaches to Life Safety
NFPA 102	Standard for Assembly Seating, Tents, and Membrane Structures
NFPA 1021	Standard for Fire Officer Professional Qualifications
NFPA 1031	Standard for Professional Qualifications for Fire Inspector
NFPA 1033	Standard for Professional Qualifications for Fire Investigator
NFPA 1035	Standard for Professional Qualifications for Public Fire Educator
NFPA 1041	Standard for Fire Service Instructor Professional Qualifications
NFPA 105	Recommended Practice for the Installation of Smoke-Control Door Assemblies
NFPA 10L	Model Enabling Act for the Sale or Leasing and Servicing of Portable Fire Extinguishers
NFPA 10R	Recommended Practice for Portable Fire Extinguishing Equipment in Family Dwellings and Living Units
NFPA 11	Standard for Low Expansion Foam and Combined Agent Systems
NFPA 110	Standard for Emergency and Standby Power Systems
NFPA 111	Stored Energy Emergency and Standby Power Systems
NFPA 1122	Code for Unmanned Rockets
NFPA 1123	Code for the Outdoor Display of Fireworks
NFPA 1124	Code for the Manufacture, Transportation, and Storage of
NFPA 1125	Code for the Manufacture of Model Rocket Motors
NFPA 1126	Standard for the Use of Pyrotechnics Before a Proximate
NFPA 1141	Standard for Fire Protection in Planned Building Groups
NFPA 1142	Standard on Water Supplies for Suburban and Rural Fire Fighting

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<b>DOCUMENT</b>	<b>TITLE</b>
NFPA 1144	Standard for Protection of Life and Property from Wildfire
NFPA 11A	Standard for Medium- and High-Expansion Foam Systems
NFPA 11C	Standard for Mobile Foam Apparatus
NFPA 12	Standard on Carbon Dioxide Extinguishing Systems
NFPA 120	Standard for Coal Preparation Plants
NFPA 1201	Recommendations for Developing Fire Protection Services for the Public
NFPA 121	Standard on Fire Protection for Self Propelled and Mobile Surface Mining Equipment
NFPA 122	Standard for the Storage of Flammable and Combustible Liquids Within Underground Metal and Nonmetal Mines
NFPA 1221	Standard for the Installation, Maintenance, and Use of Public Fire Service Communication Systems
NFPA 123	Standard for Fire Prevention and Control in Underground Bituminous Coal Mines
NFPA 1231	Standard on Water Supplies for Suburban and Rural Fire Fighting
NFPA 124	Standard for Fire Protection of Diesel Fuel and Diesel Equipment in Underground Mines
NFPA 12A	Standard on Halon 1301 Fire Extinguishing Systems
NFPA 12B	Standard on Halon 1211 Fire Extinguishing Systems
NFPA 13	Standard for the Installation of Sprinkler Systems
NFPA 130	Standard for Fixed Guideway Transit Systems
NFPA 13A	Recommended Practice for the Inspection, Testing, and Maintenance of Sprinkler Systems
NFPA 13D	Standard for the Installation of Sprinkler Systems in One- and Two- Family Dwellings and Mobile Homes
NFPA 13E	Recommendations for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems
NFPA 13R	Standard for the Installation of Sprinkler Systems in Residential Occupancies Up To and Including Four Stories in Height
NFPA 14	Standard for the Installation of Standpipe and Hose Systems
NFPA 1401	Recommended Practice for Training Reports and Records
NFPA 1402	Guide to Building Fire Service Training Centers
NFPA 1403	Standard on Live Fire Evolutions in Structures



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<b>DOCUMENT</b>	<b>TITLE</b>
NFPA 1404	Standard for a Fire Department Self-Contained Breathing Apparatus Program
NFPA 1405	Guide to Land-Based Fire Fighters Who Respond to Marine Vessel Fires
NFPA 1406	Standard for Outside Live Fire Training Evolutions
NFPA 1410	Training Standard on Initial Fire Attack
NFPA 1452	Guide for Training Fire Department Personnel to Make Dwellings Fire Safety Surveys
NFPA 14A	Recommended Practice for the Inspection, Testing, and Maintenance of Standpipe and Hose Systems
NFPA 15	Standard for Water Spray Fixed Systems for Fire Protection
NFPA 1500	Standard on Fire Department Occupational Safety and Health
NFPA 1521	Standard for Fire Department Safety Officer
NFPA 1561	Standard on Fire Department Incident Management Systems
NFPA 1581	Standard on Fire Department Infection Control Program
NFPA 1582	Standard on Medical Requirements for Fire Fighters
NFPA 16	Standard on Deluge Foam Water Sprinkler and Foam Water Spray Systems
NFPA 16A	Recommended Practice for the Installation of Closed-Head Foam-Water Sprinkler Systems
NFPA 17	Standard for Dry Chemical Extinguishing Systems
NFPA 170	Standard for Fire Safety Symbols
NFPA 1710	Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments
NFPA 17A	Standard on Wet Chemical Extinguishing Systems
NFPA 18	Standard on Wetting Agents
NFPA 1901	Standard for Pumper Fire Apparatus
NFPA 1902	Standard for Initial Fire Attack Apparatus
NFPA 1903	Standard for Mobile Water Supply Fire Apparatus
NFPA 1904	Standard for Aerial Ladder and Elevating Platform Fire Apparatus
NFPA 1911	Standard for Service Tests of Pumps on Fire Department
NFPA 1914	Standard for Testing Fire Department Aerial Devices

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<b>DOCUMENT</b>	<b>TITLE</b>
NFPA 1921	Standard for Fire Department Portable Pumping Units
NFPA 1931	Standard on Design of and Design Verification Tests for Fire Department Ground Ladders
NFPA 1932	Standard on Use, Maintenance, and Service Testing of Fire Department Ground Ladders
NFPA 1961	Standard on Fire Hose
NFPA 1962	Standard for the Care, Use, and Service Testing of Fire Hose Including Couplings and Nozzles
NFPA 1963	Standard for Screw Threads and Gaskets for Fire Hose
NFPA 1964	Standard for Spray Nozzles (Shut Off and Tip)
NFPA 1971	Standard on Protective Clothing for Structural Fire Fighting
NFPA 1972	Standard on Helmets for Structural Fire Fighting
NFPA 1973	Standard on Gloves for Structural Fire Fighting
NFPA 1974	Standard for Protective Footwear for Structural Fire Fighting
NFPA 1975	Standard on Station/Work Uniforms for Fire Fighters
NFPA 1976	Standard on Protective Clothing for Proximity Fire Fighting
NFPA 1981	Standard on Open-Circuit Self Contained Breathing Apparatus for Fire Fighters
NFPA 1982	Standard on Personal Alert Safety Systems (PASS) for Fire
NFPA 1983	Standard on Fire Service Life Safety Rope, Harness, and
NFPA 1991	Standard on Vapor Protective Suits for Hazardous Chemical Emergencies
NFPA 1992	Standard on Liquid Splash-Protective Suits for Hazardous Chemical Emergencies
NFPA 1993	Standard on Support Function Protective Garments for Hazardous Chemical Operations
NFPA 1999	Standard on Protective Clothing for Emergency Medical
NFPA 20	Standard for the Installation of Centrifugal Fire Pumps
NFPA 2001	Standard for Clean Agent Fire Extinguishing Systems
NFPA 203	Guideline on Roof Coverings and Roof Deck Construction
NFPA 204M	Guide for Smoke and Heat Venting
NFPA 211	Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances

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<b>DOCUMENT</b>	<b>TITLE</b>
NFPA 211	Standard for Chimneys, Fireplaces and Vents
NFPA 214	Standard on Water Cooling Towers
NFPA 22	Standard for Water Tanks for Private Fire Protection
NFPA 220	Standard on Types of Building Construction
NFPA 221	Standard for Fire Walls and Fire Barrier Walls
NFPA 231	Standard for General Storage
NFPA 231C	Standard for Rack Storage of Materials
NFPA 231D	Standard for Storage of Rubber Tires
NFPA 231F	Standard for Storage of Roll Paper
NFPA 232	Standard for the Protection of Records
NFPA 232A	Guide for Fire Protection for Archives and Records Centers,
NFPA 232AM	Manual for Fire Protection for Archives and Record Centers
NFPA 24	Standard for the Installation of Private Fire Service Mains and Their Appurtenances
NFPA 241	Standard for Safeguarding Construction, Alteration, and Demolition Operations
NFPA 25	Water-Based Extinguishing Systems
NFPA 25	Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems
NFPA 251	Standard Method of Fire Tests of Building Construction and
NFPA 252	Standard Method of Fire Tests of Door Assemblies
NFPA 253	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source
NFPA 255	Standard Method of Test of Surface Burning Characteristics of Building Materials
NFPA 256	Standard Method of Fire Test of Roof Coverings
NFPA 257	Standard for Fire Tests of Window Assemblies
NFPA 258	Standard Research Test Method for Determining Smoke Generation of Solid Materials
NFPA 259	Standard Test Method for Potential Heat of Building Materials
NFPA 26	Recommended Practice for the Supervision of Valves Controlling Water Supplies for Fire Protection

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<b>DOCUMENT</b>	<b>TITLE</b>
NFPA 260	Standard Method of Tests and Classification Systems for Cigarette Ignition Resistance of Components of Upholstered
NFPA 261	Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material to Ignition by Smoldering
NFPA 262	Standard Method of Test for Fire and Smoke Characteristics of Wires and Cables
NFPA 263	Standard Test for Heat and Visible Smoke Release Rates
NFPA 264	Standard Method of Test for Heat and Visible Smoke Release Rates for Materials and Products Using Oxygen Consumption
NFPA 264A	Standard Method of Test for Heat Release Rates of Upholstered Furniture Components or Composites and Mattresses Using an Oxygen Consumption Calorimeter
NFPA 291	Recommended Practices for Fire Flow Testing and Marking of Hydrants
NFPA 295	Standard for Wildfire Control
NFPA 297	Guide on Telecommunications Systems—Principles and Practices for Rural and Forestry Services
NFPA 298	Standard on Foam Chemicals for Wildland Fire Control
NFPA 299	Standard on Protection of Life and Property from Wildfire
NFPA 30	Flammable and Combustible Liquids Code
NFPA 302	Fire Protection Standard for Pleasure and Commercial Motor
NFPA 303	Fire Protection Standard for Marinas and Boatyards
NFPA 306	Standard for the Control of Gas Hazards on Vessels
NFPA 307	Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves
NFPA 30A	Automotive and Marine Service Station Code
NFPA 30B	Code for the Manufacture and Storage of Aerosol Products
NFPA 31	Standard for the Installation of Oil Burning Equipment
NFPA 312	Standard for Fire Protection of Vessels During Construction, Repair and Layup
NFPA 318	Standard for the Protection of Cleanrooms
NFPA 32	Standard for Drycleaning Plants
NFPA 321	Standard on Basic Classification of Flammable and Combustible Liquids

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DOCUMENT	TITLE
NFPA 325M	Fire Hazard Properties of Flammable Liquids, Gases, and Volatile Solids
NFPA 327	Standard Procedures for Cleaning or Safeguarding Small Tanks and Containers
NFPA 328	Recommended Practice for the Control of Flammable and Combustible Liquids and Gases in Manholes, Sewers, and Similar Underground Structures
NFPA 329	Recommended Practices for Handling Underground Releases of Flammable and Combustible Liquids
NFPA 33	Standard for Spray Application Using Flammable and Combustible Liquids
NFPA 35	Standard for the Manufacture of Organic Coatings
NFPA 36	Standard for Solvent Extraction Plants
NFPA 37	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines
NFPA 385	Standard for Tank Vehicles for Flammable and Combustible
NFPA 386	Standard for Portable Shipping Tanks for Flammable and Combustible Liquids
NFPA 395	Standard for the Stoppage of Flammable and Combustible Liquids on Farms and Isolated Construction Projects
NFPA 40	Standard for the Storage and Handling of Cellulose Nitrate Motion Picture Film
NFPA 402M	Manual for Aircraft Rescue and Fire Fighting Operational
NFPA 403	Standard for Aircraft Rescue and Fire Fighting Operational
NFPA 403	Standard for Aircraft Rescue and Firefighting Service at Airports and Heliports
NFPA 407	Standard for Aircraft Fuel Servicing
NFPA 408	Standard for Aircraft Hand Fire Extinguishers
NFPA 409	Standard on Aircraft Hangers
NFPA 40E	Code for the Storage of Pyroxylin Plastic
NFPA 410	Standard on Aircraft Maintenance
NFPA 412	Standard for Aircraft Foam, Fire Fighting Vehicles, Test
NFPA 414	Standard for Aircraft Rescue, Fire Fighting Vehicles
NFPA 415	Standard on Aircraft Fueling Ramp Drainage

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DOCUMENT	TITLE
NFPA 416	Standard on Aircraft Terminal Buildings
NFPA 417	Standard on Aircraft Loading Walkways
NFPA 418	Standard for Heliports
NFPA 419	Guide for Master Planning Airport Water Supply Systems for Fire Protection
NFPA 422M	Manual for Aircraft Fire and Explosion Investigators
NFPA 423	Standard for Construction and Protection of Aircraft Engine Test Facilities
NFPA 424M	Manual for Airport/Community Emergency Planning
NFPA 430	Liquid and Solid Oxidizers
NFPA 43A	Code for the Storage of Liquid and Solid Oxidizing Materials
NFPA 43B	Code for the Storage of Organic Peroxide Formulation
NFPA 43C	Code for the Storage of Gaseous Oxidizing Materials
NFPA 43D	Code for Storage of Pesticides in Portable Containers
NFPA 45	Standard on Fire Protection for Laboratories Using Chemicals
NFPA 46	Recommended Safe Practice for Storage of Forest Products
NFPA 471	Recommended Practice for Responding to Hazardous Material Incidents
NFPA 472	Standard for Professional Competence of Responders to Hazardous Materials Incidents
NFPA 473	Standard for Competence for EMS Operations at Hazardous Materials Incidents
NFPA 480	Guide for the Storage, Handling and Processing of Magnesium
NFPA 481	Standard for the Production, Processing, Handling and Storage of Titanium
NFPA 482	Standard for the Production, Processing, Handling and Storage of Zirconium
NFPA 485	Lithium Metal Storage, Handling, Fabrication, and Use of
NFPA 49	Hazardous Chemicals Data
NFPA 490	Code for the Storage of Ammonium Nitrate
NFPA 491M	Manual of Hazardous Chemical Reactions
NFPA 495	Explosives Materials Code

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DOCUMENT	TITLE
NFPA 496	Standard for Purged and Pressurized Enclosures for Electrical Equipment in Hazardous Locations
NFPA 497A	Recommended Practice for Classification of Class I Hazardous Locations for Electrical Installations in Chemical Process Areas
NFPA 497B	Recommended Practice for Classification of Class II Hazardous Locations for Electrical Installations in Chemical Process Areas
NFPA 497M	Manual for Classification of Gases, Vapors and Dusts for Electrical Equipment in Hazardous Locations
NFPA 498	Standard for Explosives Motor Vehicle Terminals
NFPA 50	Standard for Bulk Oxygen Systems at Consumer Sites
NFPA 501A	Standard for Fire Safety Criteria for Manufactured Home Installations, Sites and Communities
NFPA 501C	Standard on Recreational Vehicles
NFPA 501D	Standard for Recreational Vehicle Parks and Campgrounds
NFPA 502	Recommended Practice for Fire Protection For Limited Access Highways, Tunnels, Bridges, Elevated Roadways and Air Right Structures
NFPA 505	Fire Safety Standard for Powered Industrial Trucks Including Type Designations, Areas of Use, Maintenance, and Operation
NFPA 50A	Standard for Gaseous Hydrogen Systems at Consumer Sites
NFPA 50B	Standard for Liquefied Hydrogen Systems at Consumer Sites
NFPA 51	Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes (National
NFPA 512	Standard for Truck Fire Protection
NFPA 513	Standard for Motor Freight Terminals
NFPA 51A	Standard for Acetylene Cylinder Charging Plants
NFPA 51B	Standard for Fire Protection in Use of Cutting and Welding
NFPA 52	Standard for Compressed Natural Gas Vehicular Fuel Systems
NFPA 53M	Manual on Fire Hazards in Oxygen-Enriched Atmospheres
NFPA 54	National Fuel Gas Code
NFPA 55	Storage and Handling of Cylinder Gases
NFPA 550	Guide to the Fire Safety Concepts Tree
NFPA 58	Standard for Storage and Handling of Liquefied Petroleum Gases

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DOCUMENT	TITLE
NFPA 59	Standard for the Storage and Handling of Liquefied Petroleum Gases at Utility Gas Plants
NFPA 59A	Standard for the Production, Storage, and Handling of Liquefied Natural Gas
NFPA 600	Standard on Industrial Fire Brigades
NFPA 601	Standard for Guard Services in Fire Loss Prevention
NFPA 61A	Standard for the Prevention of Fires and Dust Explosions in Facilities Manufacturing and Handling Starch
NFPA 61B	Standard for the Prevention of Fires and Dust Explosions in Grain Elevators Facilities Handling Bulk Raw Agricultural
NFPA 61C	Standard for the Prevention of Fires and Dust Explosions in Feed
NFPA 65	Aluminum Processing and Finishing
NFPA 650	Standard for Pneumatic Conveying Systems for Handling Combustible Materials
NFPA 651	Standard for the Manufacture of Aluminum and Magnesium
NFPA 654	Standard for the Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastic Industries
NFPA 655	Standard for Sulfur Fires and Explosions
NFPA 664	Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking
NFPA 68	Guide for the Venting of Deflagration
NFPA 69	Standard on Explosion Prevention
NFPA 70	National Electric Code (NEC)
NFPA 701	Standard Methods of Fire Tests for Flame-Resistant Textiles and
NFPA 702	Flame Field Test for Flame Resistant Textiles and Films (replaced by NFPA 705)
NFPA 703	Standard for Fire Retardant Impregnated Wood and Fire Retardant Coatings for Building Materials
NFPA 704	Standard System for the Identification of the Fire Hazards of
NFPA 705	Field Flame Test for Textiles and Films
NFPA 70A	Electrical Code for One and Two Family Dwellings
NFPA 70B	Recommended Practice for Electrical Equipment Maintenance
NFPA 70E	Standard for Electrical Safety Requirements for Employee



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<b>DOCUMENT</b>	<b>TITLE</b>
NFPA 71	Standard for the Installation, Maintenance and Use of Central Station Service Signaling Systems
NFPA 72	National Fire Alarm Code Handbook
NFPA 72A	Installation, Maintenance and Use of Local Protective Signaling Systems (incorporated into NFPA 72)
NFPA 72B	Installation, Maintenance and Use of Auxiliary Protective Signaling Systems (incorporated into NFPA 72)
NFPA 72C	Installation, Maintenance and Use of Remote Station Signaling Systems (incorporated into NFPA 72)
NFPA 72D	Installation, Maintenance and Use of Proprietary Protective Signaling Systems (incorporated into NFPA 72)
NFPA 72E	Standard on Automatic Fire Detectors
NFPA 72F	Standard on Emergency Voice/Alarm Communication Systems
NFPA 72G	Guide for the Installation, Maintenance, and Use of Notification Appliances for Protective Signaling Systems
NFPA 72H	Guide for Testing Procedures for Local, Auxiliary, Remote Station and Proprietary Notification Appliance for Protective Signaling
NFPA 74	Standard for the Installation, Maintenance, and Use of Household Fire Warning Equipment
NFPA 75	Standard for the Protection of Electronic Computer/Data Processing Equipment
NFPA 750	Standard for Water Mist Fire Protection Systems
NFPA 77	Recommended Practice on Static Electricity
NFPA 780	Lightning Protection Code
NFPA 79	Electrical Standard for Industrial Machinery
NFPA 80	Standard for Fire Doors and Windows
NFPA 801	Recommended Fire Protection Practice for Facilities Handling Radioactive Materials
NFPA 802	Recommended Fire Protection Practice for Nuclear Research Reactors
NFPA 803	Standard for Fire Protection for Light Water Nuclear Power Plants
NFPA 80A	Recommended Practice for Protection from Exterior Exposure
NFPA 82	Standard on Incinerators, Water and Linen Handling Systems and Equipment

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<b>DOCUMENT</b>	<b>TITLE</b>
NFPA 820	Recommended Practice for Fire Protection in Wastewater Treatment Plants
NFPA 850	Fire Protection for Recommended Practice for Fire Protection for Electric Generating Plants
NFPA 8501	Standard for Single Boiler Burner Operation
NFPA 8502	Prevention of Furnace Explosions/Implosions in Multiple Burner
NFPA 8503	Standard for Pulverized Fuel Systems
NFPA 8505	Recommended Safe Practice for Stoker Operations
NFPA 851	Recommended Practice for Fire Protection for Hydroelectric Generating Plants
NFPA 85A	Standard for Prevention of Furnace Explosions in Fuel Oil and Natural Gas Fired Single Burner Boiler Furnaces
NFPA 85B	Standard for Prevention of Furnace Explosions in Natural Gas Fired Multiple Burner Boiler Furnaces
NFPA 85C	Standard for the Prevention of Furnace Explosions in Fuel Oil Fired Multiple Burner Boiler Furnaces
NFPA 85E	Standard for Prevention of Furnace Explosions in Pulverized Coal Fired Multiple Burner Boiler Furnaces
NFPA 85F	Standard for the Installation and Operation of Pulverized Fuel
NFPA 85G	Standard for the Prevention of Furnace Implosions in Multiple Burner-Boiler Furnaces
NFPA 85H	Standard for Prevention of Combustion Hazards in Atmospheric Fluidized Bed Combustion Systems
NFPA 86	Standard for Ovens and Furnaces
NFPA 86C	Standard for Industrial Furnaces Using a Special Processing Atmosphere
NFPA 86D	Standard for Industrial Furnaces Using Vacuum as an
NFPA 88A	Standard for Parking Structures
NFPA 88B	Standard for Repair Garages
NFPA 901	Uniform Coding for Fire Protection
NFPA 902M	Fire Reporting Field Incident Manual
NFPA 903	Fire Reporting Property Survey Guide
NFPA 904	Incident Follow-up Report Guide
NFPA 906M	Guide for Fire Incident Field Notes

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<b>DOCUMENT</b>	<b>TITLE</b>
NFPA 907M	Manual for the Determination of Electrical Fire Causes
NFPA 90A	Standard for the Installation of Air Conditioning and Ventilation Systems
NFPA 90B	Standard for the Installation of Warm Air Heating and Air Conditioning Systems
NFPA 91	Standard for Exhaust Systems for Air Conveying of Materials
NFPA 910	Recommended Practice for the Protection of Libraries and Library Collections from Fire
NFPA 911	Recommended Practice for the Protection of Museums and Museum Collections from Fire
NFPA 912	Recommended Practice for Fire Protection in Places of Worship
NFPA 913	Recommended Practice for the Protection of Historic Structures and Sites
NFPA 914	Recommended Practice for Fire Protection in Rehabilitation and Adaptive Reuse of Historic Structures
NFPA 921	Guide for Fire and Explosion Investigations
NFPA 92A	Recommended Practice for Smoke Control Systems
NFPA 92B	Guide for Smoke Management Systems in Malls, Atria and Large Areas
NFPA 96	Standard for the Installation of Equipment for the Removal of Smoke and Grease Laden Vapors from Commercial Cooking
NFPA 97	Standard Glossary of Terms Relating to Chimney, Vents, Heat Producing Appliances
NFPA 99	Standard for Health Care Facilities
NFPA 99B	Standard for Hypobaric Facilities
NFRC 100	Procedure for Determining Fenestration Product Thermal
NFRC 200	Procedure for Determining Fenestration Product Solar Heat Gain Coefficients at Normal Incidence
NISO Z 39.14	Writing Abstracts
NISO Z 39.16	Preparation of Scientific Papers for Written or Oral Presentation
NISO Z 39.18	Scientific and Technical Reports
NISO Z 39.23	Standard Technical Report Number (STRN)—Format and Creation
NISO Z 39.31	Format for Scientific and Technical Translations
NMFC-100	National Motor Carrier Freight Classifications

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<b>DOCUMENT</b>	<b>TITLE</b>
NRCA	Steep Roofing Manual
NRCA	Construction Details
NRCA	Handbook of Accepted Roofing Knowledge
NRCA	Roofing and Waterproofing Manual
NSC	Fundamentals of Industrial Hygiene
NSC	Accident Prevention Manual for Industrial Operations
NSC	Supervisor's Safety Manual
NSC	Aviation Ground Operation Safety Handbook
NSC	Management Safety Policies and Procedures
NSC	Motor Fleet Safety Manual
NSF	National Sanitation Foundation Standards
NWMA IS 5	Industry Standard for Ponderosa Wood Doors
NWWA (now NGWA)	Manual of Groundwater Sampling Procedures
NWWDA 101/IS 2	Voluntary Specifications for Aluminum, Vinly (PVC) and Wood Windows and Glass Doors
NWWDA 101/IS 3	Wood Sliding Patio Doors
NWWDA IS-1	Series for Wood Flush Doors
NWWDA IS-2	Industry Standard for Wood Window Units
NWWDA IS-3	Industry Standard for Wood Sliding Patio Doors
NWWDA IS-6	Industry Standard for Wood Style and Rail Doors
NWWDA IS-7	Industry Standard for Wood Skylight/Roof Window Units
PCA	Effect of Substances on Concrete and Guide to Protective
PCA	Painting Concrete
PCA	Surface Treatments for Concrete Floors
PCA	Clear Coatings for Exposed Architectural Concrete
PCI MNL-116	Manual for Quality Control for Plants and Production of Precast and Prestressed Concrete Products
PCI MNL-120	Design Handbook
PDCA	Architectural Painting and Wall Covering Manual (Inactive)
PTI	Post-Tensioning Manual
QC-1	Office of Defense Programs Nuclear Weapons Production

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<b>DOCUMENT</b>	<b>TITLE</b>
RAC-1	Room Air Conditioners
RFCI	Recommended Work Procedures for Resilient Floor Covering
SAE J-227a	Electric Vehicle Test Procedure
SAE J429k	Mechanical and Material Requirements for Externally Threaded Fasteners
Safety Library Publication No. 22	Institute for Manufacturers of Explosives Standard 22
SBCCI SBC	Standard Building Code
SDI 100	Steel Doors and Frames
SDI 102	Recommended Installation Standard For Insulated Steel Door
SDI 108	Recommended Selection and Usage Guide for Standard Steel
SDI 25	Design Manual for Composite Decks, Form Decks and Roof
SDI A250.8	Recommended Specifications for Standard Steel Doors and Frames (Steel Door Institute)
SDI DDM 01	Diaphragm Design Manual
SFPE	Society of Fire Protection Engineers (SFPE) Handbook
SJI	Standard Specifications Load Tables and Weight Tables for Steel Joists and Joist Girders
SMA 2005 (SMS 2006)	Specifications for Aluminum Sliding Screen Doors
SMA 3001	Aluminum Swinging Screen Doors
SMACNA	Fibrous Glass Duct Construction Standards
SMACNA	HVAC Duct Construction Standards-Metal and Flexible
SMACNA	HVAC Systems Duct Design Manual
SMACNA	Round Industrial Duct Construction Standards
SMACNA	Fire Damper Guide for Air Handling Systems
SMACNA	Architectural Sheet Metal Manual
SMACNA	HVAC Air Duct Leakage Test Manual
SMACNA	Energy Recovery Equipment and Systems Manual
SPRI	Wind Design Guide for Fully Adhered Single Ply Roofing
SPRI	Single Ply Roofing: A Professional's Guide to Specifications
SPRI	Wind Design Guide for Mechanically Attached Single Ply Roofing Systems

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**APPENDIX B  
NON-GOVERNMENT STANDARDS ADOPTED BY DOE**

<b>DOCUMENT</b>	<b>TITLE</b>
SPRI	Wind Design Guide for Ballasted Single Ply Roofing Systems
SSFI SH 300	Steel Frame Shoring Safety
SSPC A	Good Painting Practice Steel Structures Painting Manual Volume 1
SSPCA AB1	Mineral and Slag Abrasives
SSPCA AB2	Specification for Cleanliness of Recycled Ferrous Metallic
SSPCA AB3	Ferrous Metallic Abrasive
SWI	Specifications Brochure for Steel Windows
TIA/EIA 526-7 and 14	Standard Test Procedures for Fiber Optic Systems
TIA/EIA 568-B1 thru B3	Commercial Building Telecommunications Cabling Standard
TIA/EIA 569 A thru A-7	Commercial Building Standard for Telecommunications Pathways and Spaces
TIA/EIA 598	Optical Fiber Cable Color Coding
TIA/EIA 607	Commercial Building Grounding (Earthing) and Bonding Requirements for Telecommunications
TIA/EIA 758	Customer-Owned Outside Plant Telecommunications Cabling Standard
TIA/EIA-222-F	Structural Standards for Steel Antenna Towers and Antenna Supporting Structures
Tire and Rim Manufacturer's Association	Recommended Practices for Fleet Operations
UL	Definition of 1.5 Hour or Greater Fire Resistance Rating (see UL
UL	Fire Resistance Directory
UL	Product Directories of Underwriters Laboratories and Suppliers
UL	Building Materials Directory
UL 1034	Burglary-Resistant Electric Locking Mechanisms
UL 1076	Proprietary Burglar Alarm Units and Systems
UL 10A	Standard for Safety Tin Clad Fire Doors
UL 13	Power-Limited Circuit Cables
UL 1310	Class 2 Power Units
UL 1316	UL Standard for Safety Glass-Fiber-Reinforced Plastic Underground Storage Tanks for Petroleum Products, Alcohols, and Alcohol-Gasoline Mixtures
UL 1479	Standard for Fire Test of Through-Penetration Firestops

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<b>DOCUMENT</b>	<b>TITLE</b>
UL 155	Standard for Safety Tests for Fire Resistance for Vault and File Room Doors
UL 1610	Central-Station Burglar-Alarm Units
UL 1651	Optical Fiber Cable
UL 17	Vent or Chimney Connector Dampers for Oil-Fired Appliances
UL 1778	Uninterruptible Power Supply Systems
UL 1995	Heating and Cooling Equipment
UL 207	Standard for Safety Refrigerant-Containing Components and Accessories, Nonelectrical
UL 294	Access Control System Units
UL 296	Oil Burners
UL 3044	Surveillance Closed Circuit Television Equipment
UL 325	Standard for Safety Door, Drapery, Louver and Window Operators and Systems
UL 365	Police Station Connected Burglar Alarm Systems and Units
UL 444	Communication Cables
UL 452	Antenna Discharge Units
UL 493	Standard for Safety Thermoplastic-Insulated Underground Feeder and Branch-Circuit Cables
UL 497	Protectors for Paired Conductor Communications Circuits
UL 497B	Protectors for Data Communications and Fire Alarm Circuits
UL 507	Electric Fans
UL 508	Standard for Safety Industrial Control Equipment
UL 555	Fire Dampers
UL 555S	UL Standard for Safety Smoke Dampers
UL 559	Standard for Heat Pumps, 3rd Edition with amendments
UL 58	UL Standard for Safety Steel Underground Tanks for Flammable and Combustible Liquids
UL 586	Standard for Safety High Efficiency Particulate Air Filter Units
UL 603	Power Supplies for Use with Burglar Alarm Systems
UL 609	Local Burglar Alarm Units and Systems
UL 611	Central-Station Burglar Alarm Systems

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**NON-GOVERNMENT STANDARDS ADOPTED BY DOE**

<b>DOCUMENT</b>	<b>TITLE</b>
UL 636	Holdup Alarm Units and Systems
UL 639	Intrusion Detection Units
UL 681	Installation and Classification of Burglar and Holdup Alarm
UL 72	Standard for Safety Tests for Fire Resistance of Record Protection Equipment
UL 723	Standard for Safety Test for Surface Burning Characteristics of Building Materials
UL 726	Oil-Fired Boiler Assemblies
UL 727	Oil-Fired Central Furnaces
UL 729	Oil-Fired Floor Furnaces
UL 730	Oil-Fired Wall Furnaces
UL 731	Oil-Fired Unit Heaters
UL 752	Standard for Safety Bullet-Resisting Equipment
UL 768	Standard for Safety Combination Locks
UL 779	Standard for Safety Electrically Conductive Floorings
UL 827	Central Station Alarm Services
UL 896	Oil-Burning Stoves
UL 900	Standard for Safety Test Performance of Air Filter Units
UL 96	UL Standard for Safety Lighting Protection Components
UL 96A	Installation Requirements for Lightning Protection Systems
UL 983	Surveillance Camera Units
UL 984	Standard for Safety Hermetic Refrigerant Motor-Compressors
UL 992	Investigation for Test for the Flame Propagation Classification of Flooring and Floor Covering Materials
WEF M0008RPE	Design of Municipal Wastewater Treatment Plants
WMO No. 8	Guide to Meteorological Instruments and Methods of Observation



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**APPENDIX C  
OTHER STANDARDS-RELATED DOCUMENTS**

<b>DOCUMENT NO.</b>	<b>TITLE</b>
	International Plumbing Code
ACGIH 0100	Threshold Limit Values and Biological Exposure Indices
ACGIH 0105	TLVS and BEIS: Threshold Limit Values for Chemical Substances and Physical Agents-#0105
ACGIH 2092	Industrial Ventilation, A Manual of Recommended Practices, Twenty-first Edition (American Conference of Governmental Industrial Hygienists)
AFM TAC 91-36, Supp. 1	Built-Up Roof Management Program with enclosed BUR Repair/Replacement Guide Specifications
AIA	American Institute of Architects
AIF/NESP-031EF	Planning Concepts and Decision Criteria for Sheltering and Evacuation in a Nuclear Power Plant Emergency
AITC TMC	Timber Construction Manual
ARMY 190-3	Military Policy Preservation of Order Activities
ARMY 385-100	Army Material Command Safety Manual
ARMY 385-63	Policies and Procedures for Firing Ammunition for Training, Target Practice, and Combat
ARMY 621.1	Education and Training Security Police—Training Course
ARMY CERC	Shore Protection Manual
ARMY FM 23-25, 7-60	Pistols and Revolvers
Army Regulation (AR 385-63)	Policies & Procedures for Firing Ammunition for Training, Target Practice and Combat
ARMY TM 11-486-5	Electrical Communications System Engineering: Outside Plant, Wire
ARMY TM 11-5855-263-10	Helicopter Operating Manual
ARMY TM 11-5855-263-23&P	Helicopter Maintenance Manual, Testing and Maintenance
ARMY TM 5-809-10	Seismic Design for Buildings
ARMY TM 5-809-10.1	Seismic Design Guidelines for Essential Facilities
ARMY TM 5-810-7/AFM 88-12	High Pressure Gas and Cryogenic Systems
ARMY TM 5-814-1	Sanitary and Industrial Wastewater Collection-Gravity Sewers and Appurtenances
ARMY TM 5-814-2	Sanitary and Industrial Wastewater Collection-Pumping Stations and Force Mains
ARMY TM 5-815-2	Energy Monitoring and Control Systems
ARMY TM 5-818-1	Procedures for Foundation Design of Buildings and Other Structures (except Hydraulic Structures)
ARMY TM 5-818-5	Dewatering and Groundwater Control
ARMY TM 5-830-3	Dust Control
ARMY TM 5-855-1	Fundamentals of Protective Design for Conventional

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**APPENDIX C  
OTHER STANDARDS-RELATED DOCUMENTS**

<b>DOCUMENT NO.</b>	<b>TITLE</b>
ASCE 19-96	Standard Guidelines for the Structural Applications of Steel Cables for Buildings
ASHRAE 90365	Heating, Ventilating, and Air-Conditioning Design Guide for Department of Energy Nuclear Facilities
ASHRAE Manual	Passive Solar Heating Analysis, J. Douglas Balcomb, et. Al., 1984
Autodin	Security Telecommunications and Information Systems Security Publications - (Automated Digital Network (Autodin) Operating Procedures)
AWWA	American Water Works Association (AWWA) Standards
Bureau of Radiological Health	Radiological Health Handbook
C390	Energy Efficiency Test Method for Three-Phase Induction Motors, Test Methods
CDC	Centers for Disease Control Guidelines, Immunization
Comptroller General	Government Auditing Standards
Congress	Government Paper Specification Standards
Congress 101-9 (Pub. 26)	Government Printing and Binding Regulations
Cross Connection Control Manual	Accepted Procedure and Practice Handbook 5, Pacific Northwest Section of AWWA
CRSI	Manual of Standard Practice (Concrete Reinforcing Steel Institute)
DCID 1/22	Technical Surveillance Countermeasures
DHHS 94-110	Applications Manual for the Revised NIOSH Lifting Equation
DOC RP-1	Standard Practice for the Fire Protection of Essential Electronic Equipment Operations (Department of
DOC/NBS	Guideline for Planning and Management of Database Applications, Federal Information Processing Standards Publication 77, 1980
DOC/NBS	Guideline on Software Maintenance
DOC/NIST	Guide to Software Acceptance
DoD	Department of Defense Ordinance Disposal Criteria
DoD	Human Engineering Guide to Equipment Design-Joint Army-Navy-Air Force Steering Committee (Department of
DoD 100-1	Transfer of Weapons Related Material
DoD 100-4	Custody, Accountability, and Control of Nuclear Weapons and Nuclear Material
DoD 1004/4	Electric Utilization Systems
DoD 1013/1	Physical Security
DoD 1330	Cleaning Test on Shipboard Oxygen and Nitrogen Gas Piping Systems

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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
DoD 1472C	Human Engineering Design Criteria for Military Systems, Equipment, and Facilities
DoD 1630	Oxygen Systems and Component Cleanliness; Servicing and Certification Requirements
DoD 20-11	General Fire Fighting Guidance (joint publication with DOE)
DoD 282	Performance Test Methods for Filter Units, Protective Clothing, Gas Mask Components and Related Products
DoD 4145.26	DoD Contractor's Safety Manual for Ammunition, Explosives and Related Dangerous Material
DoD 419	Grounding, Bonding, and Shielding for Electronic Equipment and Facilities
DoD 43951	Padlocks and Padlock Sets, Key Operated, Medium Security, Regular Shackle
DoD 45-51	Transportation of Nuclear Weapon Material (joint publication with DOE)
DoD 5100.76-M	Physical Security of Sensitive Conventional Arms, Ammunition, and Explosives
DoD 5200.28	Department of Defense Trusted Computer System Evaluation Criteria
DoD 5220.22-M	National Industrial Security Program Operating Manual
DoD 5220.22-M-SUP-1	National Industrial Security Program Operating Manual Supplement
DoD 5-6	Service Accountability for DOE-Produced War Reserve Atomic Weapons Material, Operational Suitability Test, and Training Category SS Material
DoD 6055.1	Department of Defense Occupational Safety and Health
DoD 6055-9-STD	DoD Ammunition and Explosives Safety Standards
DoD 700-2	Explosives Hazard Classification Procedures
DoD 761A	Human Engineering Guidelines for Management Information Systems
DoD 763	Human Engineering Procedures Guide
DoD 882B	System Safety Program Requirements
DoD AR 385-63	Policies and Procedures for Firing Ammunition for Training, Target Practice, and Combat
DoD CG-RN-1	ERDA-DoD Classification Guide for the Naval Nuclear Propulsion Program
DoD CSC-STD-002	Department of Defense Password Management Guideline
DoD HFAC	Human Engineering Design Criteria
DoD MIL-C-9877B	Aperture Cards
DoD MIL-C-9949	Copy Cards

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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
DOD, USAF Instruction 91-207	Air Force Traffic Safety Program, 1995
DoDFM 3-3	Chemical and Biological Contamination Avoidance
DOE M 440.1-1	DOE Explosives Safety Manual
DOE/DoD Publication 20-7	Nuclear Safety Criteria
DOE/DoD Publication 35-51	General Instructions Applicable to Nuclear Weapons
DOE/DoD Publication 45-51A	Transportation of Nuclear Weapons Materiel (Supplement), Shipping and Identification Data for Stockpile Major
DOE/DoD Publication 45-51D	Transportation of Nuclear Weapons Materiel (Supplement), Shipment by Safe-Secure Trailer (SST) and Safeguard Transporter (SGT)
DOE/EH-0026 (1986)	Handbook for the Department of Energy Laboratory Accreditation Program for Personnel Dosimetry Systems
DOE/EH-0027 (1986)	Department of Energy Standard for the Testing of Personnel Dosimetry Systems
DOE/RL-94-02	Hanford Emergency Response Plan
DOI BUMINES 614	Tunneling: Recommended Safety Rules (Bureau of Mines, Department of the Interior)
DOJ	System Development Life Cycle Standards Manual (Department of Justice)
DOL	U.S. Department of Labor, Directorate of Information Resources Management, Systems Engineering Standards
DOL OSHA 1220-0029	Recordkeeping Guidelines for Occupational Injuries and Illnesses (Department of Labor)
DOL OSHA 2014	Recordkeeping and Reporting Guidelines for Federal Agencies
DOT	Guides for Preplanning Rescues
DOT	Manual on Uniform Traffic Control Devices for Streets and Highways
DOT	Handbook of Highway Safety Design and Operating Practices (Department of Transportation)
DOT 115	Marine Engineering Regulations and Material Specifications
DOT 190	Equipment Lists
DOT 258	Rules and Regulations for Uninspected Vessels
DOT 267	Rules and Regulations for Numbering of Undocumented Vessels and the Reporting of Boating Accidents
DOT 395	Ventilation System for Small Craft
DOT 7A	Packaging Certification Document
DOT CG-193	Miscellaneous Electrical Equipment List
DOT CG-259	Electrical Engineering Regulations
DOT RSPA P 5800.6	Emergency Response Guidebook

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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
DOT RSPA P 5800.7	The DOT 1996 North American Emergency Response Guidebook (NAERG96)
DOT RSPA P 5800.9	Emergency Response Guidebook, A Guidebook for First Responders During the Initial Phase of a Hazardous Materials/Dangerous Goods Incident
DOT RSPA/MTB-81/5	Guidelines for Selecting Preferred Highway Routes for Controlled Quantities of Radioactive Materials
EMCS CR 82.0301	Standardized EMCS Energy Saving Calculations
EPA	Manual for Groundwater/Surface Investigations Center (Environmental Protection Agency)
EPA	Manual of Methods for Chemical Analysis of Water and
EPA	Radiation Protection Guidance to Federal Agencies for Occupational Exposure—Recommendations Approved by the President
EPA 17090	Estimating Costs and Manpower Requirements for Conventional Wastewater Treatment Facilities
EPA 300R-94-009	Environmental Management System Benchmark Report: A Review of Federal Agencies and Selected Private Companies
EPA 315-B-97-001	Implementation Guide for the Code of Environmental Management Principles for Federal Agencies
EPA 400-R-92-001	Manual of Protective Action Guides and Protective Actions for Nuclear Incidents
EPA 402-R-95-014	Compliance Application Guidance for 40 CFR Part 194
EPA 430/9-75-002	A Guide to the Selection of Cost Effective Wastewater Treatment Systems
EPA 450/2-78-027R	Guidelines on Air Quality Models
EPA 450/477-001	Guidelines for Air Quality Maintenance Planning and
EPA 450/4-80-023	Determination of Good Engineering Practice: Stack Height
EPA 450/4-81-003	Guideline for Use of Fluid Modeling to Determine Good Engineering Practice: Stack Height
EPA 450/4-81-023	Guideline for Use of Fluid Modeling for Atmospheric Diffusion
EPA 520	Limiting Values of Radionuclide Intake and Air Concentration and Dose Conversion Factors for Inhalation, Submersion, and Ingestion
EPA 520/5-84-006	Radiochemistry Procedure Manual
EPA 530	Technical Guidance Document: Construction QA for Land Disposal Facilities
EPA 540	Data Quality Objectives for Remedial Response Activities
EPA 550/7-77-14	Quality Control for Environmental Measurements Using Gamma-Ray Spectrometry

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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
EPA 56014-90-011	Title III List of List
EPA 600/4-77-027b	Quality Assurance Handbook for Air Pollution Measurement Systems, Vol. III, Stationary Source Specific Methods
EPA 600/4-79-019	Handbook for Analytical Quality Control in Water and Wastewater Facilities
EPA 600/4-79-020	Methods for Chemical Analysis of Water and Waste
EPA 600/4-82-029	Handbook for Sampling and Sample Preservation of Water
EPA 600/4-84-017	Technical Addition to Methods for the Chemical Analysis of Water and Wastes
EPA 600/4-84-077	Characterization of Hazardous Waste Sites—A Methods
EPA 600/7-77-088	Handbook for Analytical Quality Control in Radioanalytical Laboratories
EPA 600/8-78-017	Microbiological Methods for Monitoring the Environment, Water and Waste
EPA 600/8-81-009	Guideline for Fluid Modeling for Atmospheric Diffusion
EPA 600/9-76-005	Quality Assurance Handbook for Air Pollution Measurement Systems, Volume I, Principles, Revision 1
EPA 600-2-75-069a	Guidelines for Residential Oil Burner Adjustments
EPA 625/1-77-009	Process Design Manual: Wastewater Treatment Facilities for Several Small Communities
EPA 625/1-80-012	Design Manual: On-Site Wastewater Treatment and Disposal Systems
EPA 625/7-88/003	Waste Minimization Opportunity Manual
EPA 832-R-92-006	Storm Water Management for Industrial Activities: Developing Pollution Prevention Plans and Best
EPA EMSL-LV-0539-17	Radiochemical Analytical Procedures for Analysis of Environmental Samples
EPA F.S.O.P.7	Field Standard Operating Procedures for the Decontamination of Response Personnel
EPA GPO-055-000-00240-1	Permit Applications Guidance Manual for Hazardous Land Treatment, Storage and Disposal Facilities
EPA MCD-51	Compliance Sampling Inspection Manual
EPA OSWER-88-0001	Technical Guidance for Hazards Analysis
EPA OSWER-9950.1	RCRA Groundwater Monitoring Technical Enforcement Guidance Document
EPA QA/G-3	Guidance for Preparing, Conducting, and Reporting the Results of Management Systems Reviews
EPA QA/G-4	Guidance for the Data Quality Objectives Process
EPA QAMS 004	Guidelines and Specifications for Preparing QA Program

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DOCUMENT NO.	TITLE
EPA QAMS 005	Interim Guidelines and Specifications for Preparing QA Project Plans
EPA SW-611	Procedures Manual for Groundwater Monitoring at Solid Waste Facilities
EPA SW-846	Test Methods for Evaluating Solid Wastes
EPA/600/R-94/038d	Quality Assurance Handbook for Air Pollution Measurement Systems, Volume IV Meteorological Measurements
EPA-454/R-99-005	Meteorological Monitoring Guidance for Regulatory Modeling Applications, February 2000
EPRI NP-2777	Comparison of Decontamination Techniques for Reactor Coolant System Applications
EPRI NP-3659	Human Factors Guide for Nuclear Power Plant Control
EPRI NP-5638	Guidelines for Preparing Specifications for Nuclear Power Plants (NCIG-04)
EPRI NP-5652	Guidelines for the Utilization of Commercial Grade Items in Nuclear Safety Related Applications
EPRI NP-6406	Guidelines for the Technical Evaluation of Replacement Items in Nuclear Power Plants (NCIG-11)
EPRI NP-6433	Source Book for Chemical Decontamination of Nuclear Power Plants
EPRI NP-6629	Guidelines for the Procurement and Receipt of Items for Nuclear Power Plants (NCIG-15)
EPRI NP-6630	Guidelines for Performance-Based Supplier Audits (NCIG-
EPRI TR-102260	Supplemental Guidance for the Application of EPRI Report NP-5652 on the Utilization of Commercial Grade Items
ERDA 76-21	Burchsted, C.A., Nuclear Air Cleaning Handbook: Design, Construction, and Testing of High-Efficiency Air-Cleaning Systems for Nuclear Application
FAA 18	Technical Instructions for the Safe Transport of Dangerous Goods by Air (International Civil Aviation Organization) (Federal Aviation Administration)
FAA AC 00-1.1	Government Aircraft Operations
FAA AC 150/5020-1	Noise Control and Compatibility Planning for Airports
FAA AC 150/5050-5	The Continuous Airport System Planning Process
FAA AC 150/5070-6A	Airport Master Plans
FAA AC 150/5210-6C	Aircraft Fire and Rescue Facilities and Extinguishing Agents
FAA AC 150/5300-12	Airport Design Standards-Transport Airports
FAA AC 150/5300-2D	Airport Design Standards-Site Requirements for Terminal Navigational Facilities
FAA AC 150/5300-4B	Utility Airports-Air Access to National Transportation

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OTHER STANDARDS-RELATED DOCUMENTS**

<b>DOCUMENT NO.</b>	<b>TITLE</b>
FAA AC 150/5320-5B	Airport Drainage
FAA AC 150/5320-6C	Airport Pavement Design and Evaluation
FAA AC 150/5325-5B	Airport Data
FAA AC 150/5340-1E	Marking of Paved Areas on Airports
FAA AC 150/5390-2	Heliport Design Guide
FCC 1037B	Glossary of Telecommunications Terms (Federal Communication Commission)
FCM S4-1994	Federal Standard for Siting Meteorological Sensors at Preparedness and Response in Radiation Accidents, Health and Human Services Publication
FDA 83-8211	
Fed. Const. Council 37	High Temperature Water for Heating and Light Process Loads
Fed. Const. Council 44	Boiler Rating Criteria for Nonresidential Heating Boilers
Fed. Const. Council 51	Combustion Equipment for Nonresidential Heating Boilers
Fed. Const. Council 57	Impact of Air Pollution Regulations on Fuel Selection for Federal Facilities
Fed. Const. Council 69	Stationary Diesel Engines for Use with Generators to Supply Electric Power
Fed. Const. Council 71	Nonresidential Steam Boilers and Hot Water Generators
Federal Geodetic Control	1984 Standards and Specifications for Geodetic Control Networks
Federal Spec. AA-1927C	Padlock (Pin Tumbler Mechanism)
Federal Spec. AA-D-6008	Door and Vault Security
Federal Spec. AA-D-600B	Door, Vault, Security
Federal Spec. AA-V-2737	Modular Vault Systems
Federal Spec. FF-L-2740	Locks, Combination
Federal Spec. FF-P-110	Padlock, Changeable
Federal Spec. FF-P-2827	Padlock, Key Operated, General Field Service
Federal Spec. HH-I-515D	Insulation, Thermal (Loose-fill for Pneumatic or Poured Application): Cellulosic or Wood Fiber
Federal Spec. HH-I-524B	Insulation, Board, Thermal (Polystyrene) with interim amendment 3
Federal Spec. HH-I-530A	Insulation, Board, Thermal (Polyurethane and Polyisocyanurate) with interim amendment 3
Federal Spec. HH-I-558B	Insulation Blocks, Boards, Blankets, Felts Sleeving (Pipe and Tub Coverings), and Pipe Fitting Covering, Thermal (Mineral Fiber, Insulation Type) and Amendment 3
Federal Spec. HH-I-558C	Insulation Blocks, Boards, Blankets, Felts Sleeving (Pipe and Tub Coverings), and Pipe Fitting Covering, Thermal (Mineral Fiber, Insulation Type)



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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
Federal Spec. HH-I-573B	Insulation, Thermal, Flexible Unicellular Sheet and Pipe
Federal Spec. HH-I-574B	Insulation, Thermal (Perlite) and Interim Amendment
Federal Spec. P-001480	Padlock, Key Operated
Federal Spec. P-110	Padlock, Changeable Combinations
Federal Spec. TT-P-791B	Wood-Sash Glazing Putty
Federal Spec. TT-S-1657 (COM-NBS)	Sealing Compound, Single Component Butyl Rubber Base, Solvent Release Type (for Buildings and Other Types of Construction)
Federal Spec. TT-S-227E	Sealing Compound, Elastomeric Type, Multi-Component (for Caulking, Sealing, and Glazing in Buildings and Other
Federal Spec. TT-S-230C (COM-NBS)	Sealing Compound, Elastomeric Type, Single-Component (for Caulking, Sealing and Glazing in Buildings and other
Federal Spec. W-A-450-B	Alarm Systems
Federal Spec. W-A-450-C	Alarm Systems Protective, Interior
Federal Spec. W-C-596	General For Connector, Electrical, Power
Federal Spec. WW-P-547	Series, Plumbing Fixtures
FED-STD-795	Uniform Federal Accessibility Standards
FED-STD-795	Uniform Federal Accessibility Standards
FEMA 93	Federal Guidelines for Dam Safety (Federal Emergency Management Agency)
FEMA CPG2-17	Electromagnetic Pulse Protection Guidance
FEMA TR-83A	Interim Guidelines for Building Occupant Protection from Tornadoes and Extreme Winds
FEMA TR-83B	Tornado Protection-Selecting and Designing Safe Areas in Buildings
FEMA TR-87	Standards for Fallout Shelters
FEMA/DOT/EPA	Handbook of Chemical Hazard Analysis Procedures
FEMA-178	Handbook for the Seismic Evaluation of Existing Buildings, NEHRP Recommended Provisions for Seismic Regulations for New Buildings and Other Structures, 1997
FEMA-302	
FGCC	Federal Geodetic Control Committee, Standards and Specifications for Geodetic Control Networks
FIPS 171	Key Management Using American National Standards Institute X9.17 (Federal Information Processing Standards,
FIPS 94	Guidelines On Electrical Power For ADP Installations
FIPS 95	Codes for the Identification of Federal and Federally-Assisted Organizations
FIPS PUB 127	Database Language—Standard Query Language
FIPS PUB 146	Government Open System Interconnection Profile (GOSIP)

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**OTHER STANDARDS-RELATED DOCUMENTS**

<b>DOCUMENT NO.</b>	<b>TITLE</b>
FIPS PUB 152	Standard Generalized Markup Language International
FIPS PUB 193	Data Administration
FM Data Sheet 1-28	Wind Loads to Roof Systems and Roof Deck Securement
FM Data Sheet 1-28S	Wind Uplift Pressures on Roofs
FM Data Sheet 1-54	Roof Loads for New Construction
FPM Appendix A	Motor Vehicle Operators, Physical Standards for Motor Vehicle Operators and Incidental Operations (Federal
FPM Chapter 792	Federal Employees Health and Counseling Programs
FPM L 732-7	Personnel Security Program for Position Association with Federal Computer System
FPM Subpart A	Motor Vehicle Operators
FPM Sup. 792-1	Health Services Authorized and Procurement Sources
FRMAC	Federal Radiological Monitoring and Assessment Center (FRMAC) Assessment Manual: Methods, Volume 1; and Tables, Charts, Worksheets, Glossary, References, Index,
GPO	Agency Procedural Handbook for Commercial Procurement of Printing Services (Government Printing Office)
GPO	Medical Aspects of Radiation Accidents Handbook
GPO (ARMY) TM 5-1300	Structures to Resist the Effects of Accidental Explosions
GSA	GSA Approved Class 5 Vault Doors (General Services Administration)
GSA 7610-00-181-7579	Records and Information Management Handbook, "Micrographics System Analysis"
GSA 7610-00-387-9972	Records Management Handbook, "Microfilming Records"
GSA 7610-00985-6973	Records Management Handbook, "Files Operation"
GSA 7610-01-055-8704	Records Management Handbook, "Disposition of Federal Records"
GSA 7610-2128	National Archives and Records Service, Records Management Handbook
GSA 7610-926-2129	Records Management Handbook, "File Stations"
GSA PBS P5930.17	Federal Protective Service Uniformed Force Operations
GSA Spec. KKK-A-1822D	Federal Specifications Ambulance (Emergency Medical Care Vehicle)
GSA/FPMR 101-11.5	Microfilming Records
GSA/FPMR 101-11.5	Micrographics System Analysis
HHSPHS	Biosafety in Microbiological and Biomedical Laboratories, Fourth Edition
HUD Handbook 4930.2	HUD Intermediate Minimum Property Standards Supplement, Solar Heating and Domestic Hot Water Systems

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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
IADC	Drilling Manual
IAEA 117	Operation of Spent Fuel Storage Facilities
IAEA Technical Reports Series No. 418	Corrosion of Research Reactor Aluminum Clad Spent Fuel in Water
IAEA TS-G-1.1(ST-2)	Advisory Material for the IAEA Regulations for the Safe Transport of Radioactive Material Safety Guide, 2002
IAEA TS-R-1	Regulations for the Safe Transport of Radioactive Material, 2005 Edition
IAEA-TECDOC-1273	Decommissioning Techniques for Research Reactors
IBC	International Building Code
ICC IMC	International Mechanical Code
ICC IPC	International Plumbing Code (IPC)
ICEA (Insulated Cable Engineers Assoc.)	ICEA Standards
ICEA S-83-596	Optic Fiber Premises Distribution Cable Technical
ICRP 51	Data for Use in Protection Against External Radiation
ICSSC RP-1	Seismic Design Guidelines for Federal Buildings, 1987
ICSSC RP-2.1-A	Guidelines and Procedures for Implementation of the Executive Order on Seismic Safety of New Building
ICSSC RP-3	Guidelines for Identification and Mitigation of Seismically Hazardous Existing Federal Buildings, 1989
ICSSC RP-4	Standards of Seismic Safety for Existing Federally Owned or Leased Buildings, 1994
ICSSC RP-5	Guidance on Implementing Executive Order 12941 on Seismic Safety of Existing Federally Owned or Leased
IESNA HB-9	Lighting Handbook Reference and Application
IFCI	Uniform Fire Code (International Fire Code Institute)
IGC	International Fuel Gas Code
IME 17	Safety in the Transportation, Storage, Handling, and Use of Explosives
IME 20	Safety Guide for the Prevention of Radio Frequency Radiation Hazards
IME 22	Recommendations for the Safe Transportation of
INPO 86-008	Dose Assessment Manual
International Building Code	IBC, 2003
International Fire Code	IFC - 2003
International Fuel Gas Code	IFGC - 2003
International Mechanical Code	IMC - 2003

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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
International Plumbing Code	IPC - 2003
ISA RP 60.8	Electrical Guide for Control Centers
Manual 5-250	Army, Navy, Air Force Field Manual 5-250, Explosives & Demolitions
MFMA-3 (Metal Framing Manufac. Assoc.)	Metal Framing Standards Publication
MIL-D-28000	Digital Representation for Communication of Product:
MIL-F-51068F	Filters, Particulate [High-Efficiency Fire Resistant]
MIL-HDBK-1027/3	Range Facilities and Miscellaneous Training Facilities Other than Buildings
MIL-I-45208A	Inspection System Requirements
MIL-L-15596G	Locks, Combination for General Services Administration—Approved Security Containers, Vault Doors,
MIL-M-28001	Markup Requirements and Generic Style Specification for Electronic Printed Output and Exchange of Text
MIL-M-38784C	Manuals, Technical: General Style and Format
MIL-P-17802	Padlocks and Padlock Sets, Low Security, Key Operated, Regular (Open) Shackle
MIL-P-43607G	Padlock, Key Operated, High Security, Shrouded Shackle
MIL-R-28002	Raster Graphics Representation in Binary Format
MIL-R-28003	Digital Representation for Communication of Illustration Data: CGM Application Profile
MIL-STD-1472D	Human Engineering Design Criteria for Military Systems, Equipment, and Facilities
MIL-STD-1521B	Technical Reviews and Audits for Systems, Equipments, and Computer Software
MIL-STD-1840	Automated Interchange of Technical Information
MIL-STD-2167A	Defense System Software Development
MIL-STD-45662A	Calibration System Requirements
MIL-STD-490B	Specification Practices
MIL-STD-882C	System Safety Program Requirements
MSS	Manufacturer's Standardization Society Standards
MUTCD	Manual on Uniform Traffic Control Devices
NAA-SR-10100	Conventional Buildings for Reactor Containment
NARA	General Records Schedules (National Archives and Records Administration)
NARA RG-434	General Records of the Department of Energy and Records Generated by the Former Federal Energy Administration

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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
NASA NHB-7320.1B	Facilities Engineering Handbook (National Aeronautics and Space Administration)
NASA SP-3072	Cleaning Requirements, Procedures and Verification
NASA SP-3072 ASRDI	Oxygen Survey Vol. 2, Cleaning Requirements, Procedures and Verification Techniques
NASA SP-5032	Handling Hazardous Materials
National Archives	Evaluating a Vital Records Program
NAV	Department of Navy Standards (for Naval Reactors Program Applications)
NAVFAC DM-4.9	Naval Facilities Engineering Command Design Manual, "Energy Monitoring and Control Systems"
NAVFAC DM-7.03	Soil Dynamics, Deep Stabilization, and Special Geotechnical Construction
NAVFAC NCEL UG-0010	User Guide for Single Building Controllers
NAVFAC TM 5-1300	Structures to Resist the Effects of Accidental Explosions
Navy W-C-596	Electrical Power Connectors
Navy WW-P-541 Series	Plumbing Fixtures
NB-23	National Board Inspection Code
NBIC	National Board Inspection Code (for existing and new pressure vessels)
NBS	National Council on Radiation Protection and Measurement Recommendations (National Bureau of Standards [Now
NBS 135	Life Cycle Cost Manual for Federal Energy Management Programs
NBS 837	Barrier Penetration Tests
NBS 91	Computer Security Publications
NBS FIPS Pub. 94	Electrical Power for ADP Centers
NCRP Report No. 112 (1991)	Calibration of Survey Instruments Used in Radiation Protection for the Assessment of Ionization Radiation Fields and Radioactive Surface Contamination
NCS	Government-wide Telecommunications Standards (National Communication System)
NCSC TG 025	A Guide to Understanding Data Remanence in Automated Information Systems
NCSD 3-1-1	National Communications System Manual
NEA/NSC/DOC(95)03/I-VII	International Handbook of Evaluated Criticality Safety Benchmark Experiments
NESC	National Electrical Safety Code
NIH MSU/1998	NIH Guidelines for Research Involving Recombinant DNA Molecules

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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
NIJ 0101.02	Ballistic Resistance of Police Body Armor (National Institute of Justice)
NIJ 0101.03	Personal Protective Armor
NIJ 0108.01	Ballistic Resistant Protective Materials
NIOSH	Work Practice Guide for Manual Lifting
NIOSH	Criteria Documents (National Institute for Occupational Safety and Health, Department of Health and Human
NIOSH 77-157A	Manual of Analytical Methods
NIOSH 77-157B	Manual of Analytical Methods
NIOSH 77-157C	Manual of Analytical Methods
NIOSH 78-175	Manual of Analytical Methods
NIOSH 79-141	Manual of Analytical Methods
NIOSH 80-106	Criteria for a Recommended Standard—Working in Confined Spaces
NIOSH 85-115	Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities
NIOSH Pub. No. 77-173	Occupational Exposure Sampling Strategy Manual
NIRMA TG17-1993	Nuclear Information Records Management Association Guidelines for Management of Nuclear-Related Training
NIST	Federal Information Processing Standards (National Institute of Standards and Technology)
NIST 64	Guidelines for Documentation of Computer Programs and Automated Data Systems for the Initiation Phase
NIST SP 800-14	Generally Accepted Practices for Securing Information
NOAA 40	Rainfall Frequency Atlas of the United States for Durations from 30 Minutes to 24 Hours and Return Periods from One to 100 years (National Oceanic and Atmospheric
NOAA NGS 247	Manual of Geodetic Triangulation
NOAA NOS NGS 1	Geodetic Bench Marks
NOAA NOS NGS 3	Geodetic Leveling
NRC MD 11.7, part VIII	Revised Procedures for Managing Property Acquired Under U.S. Nuclear Regulatory Commission (NRC)/U.S. DOE
NRC RG 1.111	Methods for Estimating Atmospheric Transport and Dispersion of Gaseous Effluents in Routine Releases from Light-Water-Cooled Reactors
NRC RG 1.134	Medical Evaluation of Nuclear Power Plant Personnel Requiring Operator Licenses
NRC RG 1.140	Design, Maintenance and Testing Criteria for Normal Ventilation Exhaust System Air Filtration and Adsorption Units of Light-Water-Cooled Nuclear Power Plants

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OTHER STANDARDS-RELATED DOCUMENTS**

<b>DOCUMENT NO.</b>	<b>TITLE</b>
NRC RG 1.145	Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants
NRC RG 1.149	Nuclear Power Plant Simulation Facilities for Use in Operator License Examinations
NRC RG 1.23	Onsite Meteorological Programs
NRC RG 1.26	Quality Group Classifications and Standards for Water, Steam, and Radioactive Waste-Containing Components of Nuclear Power Plants
NRC RG 1.28	Quality Assurance Program Requirements (Design and Construction)
NRC RG 1.3	Assumptions Used for Evaluating the Potential Radiological Consequences of a Loss of Coolant Accident for Boiling Water Reactors
NRC RG 1.4	Assumptions Used for Evaluating the Potential Radiological Consequences of a Loss of Coolant Accident for Pressurized Water Reactors
NRC RG 1.47	Bypassed and Inoperable Status Indication for Nuclear Power Plant Safety Systems
NRC RG 1.52	Design Testing and Maintenance Criteria for Post Accident Engineered-Safety-Feature Atmosphere Cleanup System Air Filtration and Adsorption Units of Light-Water-Cooled Nuclear Power Plants
NRC RG 1.60	Design Response Spectra for Seismic Design of Nuclear Power Plants
NRC RG 1.61	Damping Values for Seismic Design of Nuclear Power
NRC RG 1.70	Standard Format and Content of Safety Analysis Reports for Nuclear Power Plants
NRC RG 1.75	Physical Independence of Electric Systems
NRC RG 1.8	Qualification and Training of Personnel for Nuclear Power
NRC RG 1.84	Design and Fabrication Code Case Acceptability—ASME Section III, Division 1
NRC RG 1.85	Materials Code Case Acceptability—ASME Section III, Division 1
NRC RG 1.86	Termination of Operating Licenses for Nuclear Reactors
NRC RG 1.87	Guidance for Construction of Class I Components in Elevated-Temperature Reactors
NRC RG 1.97	Instrumentation for Light-Water-Cooled Nuclear Power Plants to Assess Plants and Environs Conditions During and Following an Accident
NRC RG 3.10	Liquid Waste Treatment System Design Guide for Plutonium Processing and Fuel Fabrication Plants

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<b>DOCUMENT NO.</b>	<b>TITLE</b>
NRC RG 3.12	General Design Guide for Ventilation Systems of Plutonium Processing and Fuel Fabrication Plants
NRC RG 3.14	Seismic Design Classification for Plutonium Processing and Fuel Fabrication Plants
NRC RG 3.17	Earthquake Instrumentation for Fuel Reprocessing Plants
NRC RG 3.18	Confinement Barriers and Systems for Fuel Reprocessing
NRC RG 3.20	Process Off-Gas Systems for Fuel Reprocessing Plants
NRC RG 3.22	Periodic Testing of Fuel Reprocessing Plant-Protection System Actuation Functions
NRC RG 3.26	Standard Format and Content of Safety Analysis Reports for Fuel Reprocessing Plants
NRC RG 3.27	Nondestructive Examination of Welds in the Liners of Concrete Barriers in Fuel Reprocessing Plants
NRC RG 3.32	General Design Guide for Ventilation Systems for Fuel Processing Plants
NRC RG 3.33	Assumptions Used for Evaluating the Potential Radiological Consequences of Accidental Nuclear Criticality in a Fuel Reprocessing Plant
NRC RG 3.34	Assumptions Used for Evaluating the Potential Radiological Consequences of Accidental Nuclear Criticality in a Uranium Fuel Fabrication Plant
NRC RG 3.35	Assumptions Used for Evaluating the Potential Radiological Consequences of Accidental Nuclear Criticality in a Plutonium Processing and Fuel Fabrication Plant
NRC RG 3.43	Nuclear Criticality Safety in the Storage of Fissile Materials
NRC RG 3.49	Design of an Independent (Water Basin Type) Spent Fuel Storage Installation
NRC RG 3.54	Spent Fuel Heat Generation in an Independent Spent Fuel Storage Installation
NRC RG 4.15	Quality Assurance for Radiological Monitoring Programs (Normal Operations)—Effluent Streams and the
NRC RG 7.10	Establishing Quality Assurance Programs for Packaging
NRC RG 7.11	Fracture Toughness Criteria of Base Material for Ferritic Steel Shipping Cask Containment Vessels with a Maximum Wall Thickness of 4 Inches
NRC RG 7.12	Fracture Toughness Criteria of Base Material for Ferritic Steel Shipping Cask Containment Vessels with a Wall Thickness Greater Than 4 Inches But Not Exceeding 12
NRC RG 7.6	Design Criteria for the Structural Analysis of Shipping Cask Containment Vessels, Rev. 1
NRC RG 7.8	Load Combinations for the Structural Analysis of Shipping Casks for Radioactive Material, Rev. 1



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OTHER STANDARDS-RELATED DOCUMENTS**

<b>DOCUMENT NO.</b>	<b>TITLE</b>
NRC RG 7.9	Standard Format and Content of Part 71 Application for Approval of Packaging of Type B, Large Quantity, and Fissile Radioactive Material
NRC RG 8.13	Instruction Concerning Prenatal Radiation Exposure
NRC RG 8.25	Air Sampling in the Workplace
NRC RG 8.27	Radiation Protection Training for Personnel at Light-Water-Cooled Nuclear Power Plants
NRC RG 8.29	Instruction Concerning Risks from Occupational Radiation Exposure
NRC RG 8.31	Information Relevant to Insuring that Occupational Radiation Exposures of Uranium Mills will be as Low as is Reasonably Achievable
NRC RG 8.36	Radiation Dose to the Embryo/Fetus
NRC RG 8.7 (1992)	"Instructions for Recording and Reporting Occupational Radiation Exposure Data," Form 4, "Cumulative Occupational Exposure History"
NRC RG 8.8	Information Relevant to Ensuring that Occupational Radiation Exposures at Nuclear Power Stations Will Be As Low As Reasonably Achievable
NRT-1	Hazardous Materials Emergency Planning Guide
NRT-2	Technical Guidance for Hazards Analysis—Emergency Planning for Extremely Hazardous Substances
NSA NACSIM 5203	Guidelines for Facility Design and Red/Black Installation
NSA NCSI 4009	Protected Distribution Systems (National Communications Security, National Security Agency)
NSD 47	Counterintelligence and Security Countermeasures
NSDD 298	National Operations Security Program
NSO M 151.1-1A	Comprehensive Emergency Management System Manual - Preparation of the NNSA/NSO Emergency Readiness Assurance Plan
NSPC	National Standard Plumbing Code (National Association of Plumbing-Heating-Cooling Contractors)
NTIA	Structural Steel Manual, Antenna Towers (National Telecommunications and Information Administration)
NTIA	Manual, Regulations and Procedures for Federal Radio Frequency Management
NTIS ARH 600	Criticality Handbook (National Technical Information Service, DOC)
NTIS LA-6370-M	Respirator Manual
NTSB/SPC-99-04	Federal Plan for Aviation Accidents Involving Aircraft Operated by or Chartered by Federal Agencies, Appendix F

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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
NUMARC NESP-007, Rev. 1	Methodology for Development of Emergency Action Levels
NUREG/BR-0150, Vol. 1, Rev. 2	Response Technical Manual
NUREG/CR-0095	Nuclear Safety Guide TID-7016 Revision 2
NUREG/CR-0456	Rancho Seco Building Wake Effects on Atmospheric
NUREG/CR-1247	Stably Stratified Building Wakes
NUREG/CR-1286	Rancho Seco Building Wake Effects on Atmospheric Diffusion: Simulation in a Meteorological Wind Tunnel
NUREG/CR-1473	The Wake Structure Behind a Model Industrial Complex
NUREG/CR-1474	An Algorithm to Estimate Field Concentrations Under Non- steady Meteorological Conditions From wind Tunnel
NUREG/CR-1475	Wind-Tunnel Measurements of Dispersion and Turbulence in the Wakes of Nuclear Reactor Plants
NUREG/CR-2200	Technical Basis for Regulatory Guide 1.145, "Atmospheric Dispersion Models for Potential Accident Consequence Assessments at Nuclear Power Plants
NUREG/CR-2300	PRA Procedures Guide
NUREG/CR-2395	Wind Tunnel Study of Gas Dispersion Near a Cubical Building
NUREG/CR-2521	Methods for Estimating Wake Flow and Effluent Dispersion Near Simple Block-Like Buildings
NUREG/CR-2858, PAVAN	An Atmospheric Dispersion Program for Evaluating Design Basis Accidental Releases of radioactive Materials from Nuclear Power Stations
NUREG/CR-2919, XOQDOQ	Computer Program for the Meteorological Evaluation of Routine Releases at Nuclear Power Stations
NUREG/CR-3012	Interactive Rapid Dose Assessment Model (IRDAM)
NUREG/CR-3016	Evaluation of the Split-H Approach to Modeling Non-Buoyant Releases from Vent Stacks
NUREG/CR-3164	Subsurface Monitoring Programs at Sites for Disposal of Low-Level Radioactive Waste
NUREG/CR-3331 (ORNL-TM-	A Methodology for Allocating Nuclear Power Plant Control Functions to Human or Automatic Control
NUREG/CR-3332	Radiological Assessment: A Textbook on Environmental Dose Analysis
NUREG/CR-3344, MESOI, Version 2.0	An Interactive Mesoscale Lagrangian Puff Dispersion Model with Deposition and Decay
NUREG/CR-4000	MESORAD Dose Assessment Model Volume 1: Technical
NUREG/CR-4113	Flow and Dispersion Near Clusters of Buildings
NUREG/CR-4380, XOQDOQ	Computer Program for the Meteorological Evaluation of Routine Effluent Releases at Nuclear Power Stations

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**APPENDIX C  
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<b>DOCUMENT NO.</b>	<b>TITLE</b>
NUREG/CR-4492	Methodology for Estimating Extreme Winds for Probabilistic Risk Assessments
NUREG/CR-4691	MELCOR Accident Consequence Code System (MACCS) User's Guide
NUREG/CR-4801	Climatology of Extreme Winds in Southern California
NUREG/CR-5055	Atmospheric Diffusion for Control Room Habitability Assessments
NUREG/CR-5151	February 1989, Performance-Based Inspections
NUREG/CR-5631, Rev. 1	Contribution of Maternal Radioactive Burdens to Prenatal Radiation Doses
NUREG/CR-5656, EXTRAN	A Computer Code for Estimating Concentrations of Toxic Substances at Control Room Air Intakes
NUREG/CR-6331	Atmospheric Relative Concentrations in Building Wakes
NUREG/CR-6372, Vol. 1 and Vol. 2	Senior Seismic Hazard Analysis Committee (SSHAC) (1997) Recommendations for Probabilistic Seismic Hazard Analysis: Guidance on Uncertainty and Use of Experts
NUREG/CR-6504, Vols. 1 and 2	An Updated Nuclear Criticality Slide Rule
NUREG-0360	Qualification Criteria to Certify a Package for Air Transport of Plutonium
NUREG-0373	Dispersion in the Wake of a Model Industrial Complex
NUREG-0396/EPA 520/1-78-016	Planning Basis for the Development of State and Local Government Radiological Emergency Response Plans in Support of Light Water Nuclear Power Plants
NUREG-0492	Fault Tree Handbook
NUREG-0654/FEMA-REP-1, Rev. 1	Criteria for Preparation and Evaluation of Radiological Emergency Response Plans and Preparedness in Support of Nuclear Power Plants
NUREG-0693	Analysis of Ultimate Heat Sink Cooling Ponds
NUREG-0700	Guidelines for Control Room Design Reviews
NUREG-0733	Analysis of Ultimate-Heat-Sink Spray Ponds
NUREG-0800, Revision 0, August 1990	Standard Review Plan, Section 17
NUREG-0851	Nomograms for Evaluation of Doses from Finite Noble Gas Clouds
NUREG-0856, 1983	Final Technical Position on Documentation of Computer Codes for High-Level Waste Management
NUREG-0899	Guidelines for Preparation of Emergency Operating Procedures, Resolution of Comments on NUREG-0799
NUREG-1388	Environmental Monitoring of Low-Level Radioactive Waste Disposal Facility

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### APPENDIX C OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
NUREG-1537	Guidelines for Preparing and Reviewing Applications for the Licensing of Non-Power Reactors
OECD-NEA	Nuclear Accidents—Intervention Levels for the Protection of the Public
OFPP	Guide for Writing and Adminstrating Performance Statements of Work for Service Contracts (Office of Federal Procurement Policy)
OMB 1200-0029	Record Keeping Guidelines for Occupational Injuries and Illnesses
OPM X-118	Qualification Standards (Office of Personnel Management)
OPM X-118c	Job Qualification System for Trades and Labor Occupations
OSHA	Special Emphasis Program (SEP) for Silicosis
OSHA 2254	Training Requirements in OSHA Standards and Training Guidelines
OSHA 3067	Concepts and Techniques of Machine Safeguarding
OSHA 3071	Job Hazard Analyses
OSHA Act of 1970, Section 5(a)(1)	General Duty Clause
PDD 39	U.S. Policy on Counterterrorism
PDD 62	Combating Terrorism
PEI Pub RP100	Recommended Practices for Installation of Underground Liquid Storage Systems (Petroleum Equipment Institute)
PNL-MA-530	PNNL Flight Operations Manual
PNNL-SAR-RPL	Safety Analysis Report for the Radiochemical Processing Laboratory
PNNL-TSR-RPL	Technical Safety Requirements for the Radiochemical Processing Laboratory
Procedure 5412	Nevada Test Site Standard Operating Procedure 5412, Paragraph 5.b, Explosive Safety (Inspection)
PS 26	Rigid Polyvinyl-chloride Profile Extrusions
REA Bulletin 1728F-804	Specifications and Drawings for 12.47/7.2 kV Line
REA Bulletin 1728F-D806	Specifications and Drawings for Underground Electric
REA Bulletin 1728F-T805B	Electric Transmission Specifications and Drawings, 115kV Through 230kV
SAND 99-2388	Interior Intrusion Detection, DOE-OSS, Sandia National Laboratories, Technology Transfer Manual (UCNI)
SAND 99-2389	Video Assessment, DOE-OSS, Sandia National Laboratories, Technology Transfer Manual (UCNI)
SAND 99-2390	Alarm Communications and Display, DOE-OSS, Sandia National Laboratories, Technology Transfer Manual (UCNI)

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#### OTHER STANDARDS-RELATED DOCUMENTS

DOCUMENT NO.	TITLE
SAND 99-2391	Exterior Intrusion Detection, DOE-OSS, Sandia National Laboratories, Technology Transfer Manual (UCNI)
SAND 99-2392	Protecting Security Communications, DOE-OSS, Sandia National Laboratories, Technology Transfer Manual (UCNI)
SAND 99-2486	Explosive Protection, DOE-OSS, Sandia National Laboratories, Technology Transfer Manual (UCNI)
SCS	National Engineering Handbook (Soil Conservation Service)
SEI-93-TR-24	Capability Maturity Model for Software
SEI-93-TR-25	Key Practices of the Capability Maturity Model
SFPC	Standard Fire Prevention Code
SW060-AA-MMA-010	Navy Manual NAVSEA, Demolitions Materials Technical
TEMA Publication	Standards of the Tubular Exchange Manufacturers
Ten-State Standards	"Recommended Standards for Wastewater Facilities" by the Great Lakes - Upper Mississippi River Board of State Public Health and Environmental Managers
TM-60A-1-1-31	General Information on EOD Disposal Procedures
TMC	Timber Construction Manual
Union Pacific Railroad	Technical Specifications for Industrial Tracks
United States Geological Survey	Camera Lens Standards For Aerial Vertical Photography Used For Aerial Mapping Purposes
US DHHS	Applications Manual for the Revised NIOSH Lifting Equation
USACHPPM TECH Guide 244	The Medical NBC Battlebook
USAF	Environmental Compliance Assessment and Management Program Manual
USAF 88-29	Engineering Weather Data
USAF 91-207	Air Force Traffic Safety Program
USAF AFR 127-100	Explosive Safety Standards
USAF AFWL-TR-74-62	Air Force Manual for Design and Analysis of Hardened
USAMRIID	Medical Management of Biological Casualties Handbook Fifth Edition
USDA	Forest Service Safety Standards
USPHS 1041	Occupational Health Services for Employees
USPHS 1325-A	An Administrative Guide for Federal Occupational Health
WHO	Nuclear Power: Accidental Releases—Principles of Public Health Action
WHO/CDS/CSR/LYO/2004.11	Laboratory Biosafety Manual Third Edition
WHO/EMC/97.3	Guidelines for the Safe Transport of Infectious Substances and Diagnostic Specimens

**APPENDIX D  
CANCELED DOE STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>DATE CANCELED</b>	<b>REASON</b>
ARI 210/240	Unitary Air-Conditioning and Air-Source Heat Pump Equipment		
DOE-EM-STD-5502-94	Hazard Baseline Documentation	09/01	No longer needed
DOE-EM-STD-5503-94	EM Health and Safety Plan Guidelines	09/01	No longer needed
DOE-EM-STD-5505-96	Operations Assessments	10/01	No longer needed
DOE-ER-STD-6001-92	Implementation Guide for Quality Assurance Programs for Basic and	09/00	No longer needed
DOE-HDBK-1062-96	DOE Fire Protection Handbook	10/03	No longer needed
DOE-HDBK-1085-95	DOE Enforcement Program Roles and Responsibilities	09/98	Converted to DOE/EH procedures
DOE-HDBK-1087-95	Enforcement Handbook—Enforcement of DOE Nuclear Safety Requirements	09/98	Converted to DOE/EH procedures
DOE-HDBK-1089-95	Guidance for Identifying, Reporting, and Tracking Nuclear Safety Noncompliances	09/98	Converted to DOE/EH procedures
DOE-HDBK-1105-96	Radiological Training for Tritium Facilities	02/02	Superseded by DOE-HDBK-1105-2002.
DOE-HDBK-1108-97	Radiological Safety Training for Accelerator Facilities	05/02	Superseded by DOE-HDBK-1108-2002
DOE-HDBK-3012-94	Team Leaders Preparation Guide for Operational Readiness Reviews (ORR)	11/96	Replaced by DOE-HDBK-3012-96
DOE-HDBK-5504-95	Guidance for Evaluation of Operational Emergency Plans	10/01	No longer needed
DOE-HDBK-7502-95	Implementing U.S. Department of Energy Lessons Learned Programs, Volumes I &	09/01	No longer needed
DOE-NE-STD-1001-91	Guide to Good Practices for Training and Qualification of Instructors	05/96	Replaced by DOE-HDBK-1001-96
DOE-NE-STD-1002-91	Guide to Good Practices for Training and Qualification of Chemical Operators	06/96	Replaced by DOE-HDBK-1002-96
DOE-NE-STD-1003-91	Guide to Good Practices for Training and Qualification of Maintenance Personnel	06/96	Replaced by DOE-HDBK-1003-96
DOE-SPEC-3018-96	Flooded-Type Lead-Acid Storage	09/01	No longer needed
DOE-SPEC-3019-96	Valve-Regulated Type Lead-Acid Storage Batteries	09/01	No longer needed
DOE-STD-0100T-93	Licensed Reactor Nuclear Safety Criteria Applicable to DOE Reactors	09/01	No longer needed
DOE-STD-0101-92	Compilation of Nuclear Safety Criteria for Potential Application to DOE Non-Reactor Nuclear Facilities	09/01	No longer needed
DOE-STD-1005-92	Guide to Good Practices for Developing Learning Objectives	11/97	Replaced by DOE-HDBK-1200-97
DOE-STD-1006-92	Guide to Good Practices: Evaluation Instrument Examples	11/97	Replaced by DOE-HDBK-1201-97

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### APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
DOE-STD-1007-92	Guide to Good Practices for Teamwork Training and Diagnostic Skills	11/97	Replaced by DOE-HDBK-1202-97
DOE-STD-1008-92	Guide to Good Practices for Training Technical Staff and Managers	11/97	Replaced by DOE-HDBK-1203-97
DOE-STD-1009-92	Guide to Good Practices for the Development of Test Items	11/97	Replaced by DOE-HDBK-1204-97
DOE-STD-1010-92	Guide to Good Practices for Incorporating Operating Experiences	12/97	No longer needed
DOE-STD-1011-92	Guide to Good Practices for the Design, Development, and Implementation of Examinations	11/97	Replaced by DOE-HDBK-1205-97
DOE-STD-1012-92	Guide to Good Practices for On-the-Job Training (OJT)	05/98	Replaced by DOE-HDBK-1206-98
DOE-STD-1020-94	Natural Phenomena Hazards Design and Evaluation Criteria for Department of Energy Facilities (including Change Notice 1; January 1996)	01/02	Superseded by DOE-STD-1020-2002
DOE-STD-1024-92	Guidelines for Use of Probabilistic Seismic Hazard Curves at Department of Energy Sites for Department of Energy Facilities (including Change Notice 1;	09/01	No longer needed
DOE-STD-1029-92	Writer's Guide for Technical Procedures (including Change Notice 1; December 1998)	09/01	No longer needed
DOE-STD-1030-92	Guide to Good Practices for Lockouts and Tagouts	09/96	Replaced by DOE-STD-1030-96
DOE-STD-1048-92	Performance Indicators Guidance	11/97	No longer needed
DOE-STD-1050-93	Guideline to Good Practices for Planning, Scheduling, and Coordination of Maintenance at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1051-93	Guideline to Good Practices for Maintenance Organization and Administration at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1052-93	Guideline to Good Practices for Types of Maintenance Activities at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1053-93	Guideline to Good Practices for Control of Maintenance Activities at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1054-93	Guideline to Good Practices for Control and Calibration of Measuring and Test Equipment (M&TE) at DOE Nuclear	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1

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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
DOE-STD-1055-93	Guideline to Good Practices for Maintenance Management Involvement at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1056-93	Guide to Good Practices for Line and Training Manager Activities Related to Training	08/98	Replaced by DOE-HDBK-1114-98
DOE-STD-1057-93	Guide to Good Practices for the Selection, Training, and Qualification of Shift Technical Advisors	12/98	Replaced by DOE-HDBK-1115-98
DOE-STD-1058-93	Guide to Good Practices for Developing and Conducting Case Studies	11/98	Replaced by DOE-HDBK-1116-98
DOE-STD-1059-93	Guide to Good Practices for Maintenance Supervisor Selection and Development	11/99	Replaced by DOE-HDBK-1117-99
DOE-STD-1060-93	Guide to Good Practices for Continuing Training	11/99	Replaced by DOE-HDBK-1118-99
DOE-STD-1061-93	Guide to Good Practices for the Selection, Training, and Qualification of Shift Supervisors	04/99	Replaced by DOE-HDBK-1119-99
DOE-STD-1063-93	Establishing and Maintaining a Facility Representative Program at DOE Nuclear Facilities	01/98	Replaced by DOE-STD-1063-97
DOE-STD-1063-97	Establishing and Maintaining a Facility Representative Program at DOE Nuclear Facilities (revision to DOE-STD-1063-93)	03/00	Replaced by DOE-STD-1063-2000
DOE-STD-1064-94	Guideline to Good Practices for Seasonal Facility Preservation at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1065-94	Guideline to Good Practices for Postmaintenance Testing at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1066-97	Fire Protection Design Criteria	07/99	Replaced by DOE-STD-1066-99
DOE-STD-1067-94	Guideline to Good Practices for Maintenance Facilities, Equipment, and Tools at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1068-94	Guide to Good Practices for Maintenance History at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1069-94	Guideline to Good Practices for Maintenance Tools and Equipment Control at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1



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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
DOE-STD-1071-94	Guideline to Good Practices for Material Receipt, Inspection, Handling, Storage, Retrieval, and Issuance at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1072-94	Guideline to Good Practices for Facility Condition Inspections at DOE Nuclear Facilities	10/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1075-94	Standard for Developing and Issuing DOE Safety Guides and Implementation	09/01	Replaced by DOE G 433.1-1 and DOE O 433.1
DOE-STD-1077-94	Training Accreditation Program Standard: Requirements and Guidelines (revision to TAP 1 and TAP 3)	11/98	Order related to standard was canceled
DOE-STD-1082-94	Preparation, Review, and Approval of Implementation Plans for Nuclear Safety Requirements	11/04	No longer needed
DOE-STD-1090-96	Hoisting and Rigging (formerly DOE Hoisting and Rigging Manual)	03/99	Replaced by DOE-STD-1090-99
DOE-STD-1090-99	Hoisting and Rigging (revision to DOE-STD-1090-96)	04/01	Replaced by DOE-STD-1090-2001
DOE-STD-3003-94	Backup Power Sources for DOE Facilities	01/00	Replaced by DOE-STD-3003-2000
DOE-STD-3006-93	Planning and Conduct of Operational Readiness Reviews (ORR)	01/96	Replaced by DOE-STD-3006-95
DOE-STD-3006-95	Planning and Conduct of Operational Readiness Reviews (revision to DOE-STD-3006-93)	06/00	Replaced by DOE-STD-3006-2000
DOE-STD-3013-94	Criteria for Safe Storage of Plutonium Metals and Oxides	09/96	Replaced by DOE-STD-3013-96
DOE-STD-3013-96	Criteria for Preparing and Packaging Plutonium Metals and Oxides for Long-Term Storage (revision to DOE-STD-	12/99	Replaced by DOE-STD-3013-99
DOE-STD-3013-99	Stabilization, Packaging, and Storage of Plutonium-Bearing Materials (supersedes DOE-STD-3013-96)	09/00	Replaced by DOE-STD-3013-2000
DOE-STD-3015-97	Nuclear Explosive Safety Study Process	03/01	Replaced by DOE-STD-3015-2001
DOE-STD-7501-95	Development of DOE Lessons Learned Programs (including Change Notice 1; September 1997)	01/00	Replaced by DOE-STD-7501-99

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### APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
DOE-TSL-1-93	Department of Energy Standards Index TSL-1-93 (revision 93)	09/93	Replaced by DOE-
DOE-TSL-1-93 (revision 93-1)	Department of Energy Standards Index (revision 93-1)	03/94	Replaced by DOE- TSL-1-94
DOE-TSL-1-94	Department of Energy Standards Index	09/94	Replaced by DOE- TSL-1-94A
DOE-TSL-1-94A	Department of Energy Standards Index	08/95	Replaced by DOE- TSL-1-95
DOE-TSL-1-95	Department of Energy Standards Index	10/96	Replaced by DOE- TSL-1-96
DOE-TSL-1-96	Department of Energy Standards Index	07/97	Replaced by DOE- TSL-1-97
DOE-TSL-1-97	Department of Energy Standards Index	05/98	Replaced by DOE- TSL-1-98
DOE-TSL-1-98	Department of Energy Standards Index	05/99	Replaced by DOE- TSL-1-99
DOE-TSL-1-99	Department of Energy Standards Index	12/02	Superseded by DOE- TSL-1-2002.
DOE-TSL-2-93	Directory of Points of Contact for the DOE Technical Standards Program	02/98	Replaced by DOE- TSL-2-98
DOE-TSL-2-98	Directory of Points of Contact for the DOE Technical Standards Program	08/02	Superseded by DOE- TSL-2-2002.
DOE-TSL-4-94	Director of DOE Employees and Contractor Personnel Involved in Non- Government Standards Activities	09/94	Replaced by DOE- TSL-4-94A
DOE-TSL-4-94A	Directory of DOE Employees and Contractor Personnel Involved in Non- Government Standards Activities	08/95	Replaced by DOE- TSL-4-95
DOE-TSL-4-95	Directory of DOE Employees and Contractor Personnel involved in Non- Government Standards Activities	10/96	Replaced by DOE- TSL-4-96
DOE-TSL-4-96	Directory of DOE and Contractor Personnel Involved in Non-Government Standards Activities	07/97	Replaced by DOE- TSL-4-97
DOE-TSL-4-97	Directory of DOE and Contractor Personnel Involved in Non-Government Standards Activities	05/98	Replaced by DOE- TSL-4-98
DOE-TSL-4-98	Directory of DOE and Contractor Personnel Involved in Non-Government Standards Activities	05/99	Replaced by DOE- TSL-4-99
NE A 1- 1T	Coolant Composition in Pressurized Water Reactors (3/81)	07/96	No longer needed

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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
NE A 1- 5T	Purity Requirements for Operating Sodium Reactor Systems (6/81)	07/96	No longer needed
NE C 1- 1T	Instrumentation and Control Equipment Grounding and Shielding Practices (w/Amendment 1) (1/75)	07/96	No longer needed
NE C 2- 1T	Determination of Insulation Compaction in Ceramic Insulated Conductors (w/Amendment 1) (9/73)	07/96	No longer needed
NE C 2- 3T	Time Response Test for Sheathed, Mineral Insulated Thermocouple	07/96	No longer needed
NE C 4- 1T	Orifice Plate for Orifice Flange Union	05/73	No longer needed
NE C 4- 4T	Venturi Flow Tube for Liquid Sodium (8/74)	07/96	No longer needed
NE C 4- 5T	Permanent Magnet Flowmeter for Liquid-Metal Piping Systems (4/74)	07/96	No longer needed
NE C 4- 6T	In-Core Permanent-Magnet Flow-Through-Type Flowmeter for Liquid Metal Service (w/Amendments 1 and 2) (11/74)	07/96	No longer needed
NE C 4- 7T	Eddy-Current Probe Type Flow Sensor for Liquid Metal Service (6/73)	07/96	No longer needed
NE C 4- 8T	Orifice Assemblies for Nuclear Systems (8/73)	07/96	No longer needed
NE C 5- 1T	Inductive Level Measurement Sensor for Use in Liquid Metal (3/75)	07/96	No longer needed
NE C 5- 2T	Resistive Level Measurements Sensor for Use in Liquid Metal (w/Amendment 1) (10/71)	07/96	No longer needed
NE C 6- 1T	NaK-Transmission High-Temperature Pressure Transmitter for Liquid Metal Service (w/Amendments 2-5) (6/74)	07/96	No longer needed
NE C 6- 2T	Differential Pressure Transmitter, Pneumatic or Electric Output Signal (4/74)	07/82	No longer needed
NE C 6- 3T	Liquid Metal Pressure Measurement System, Flush-Mounted, Eddy Current Type, Inductive, Absolute or Gage (w/Amendment 1) (10/71)	07/96	No longer needed
NE C 7- 1T	Thermocouple Material, Iron and Constantan, Solid Conductor (Bare, Fiberglass Insulated, and Sheathed Over Fiberglass Insulation) (11/76)	03/79	Replaced by ASTM E574-76
NE C 7- 3T	Thermocouple Material, Copper and Constantan, Solid Conductor (Bare, Fiberglass Insulated, and Sheathed Over Fiberglass Insulation) (9/76)	07/82	Replaced by ASTM E574-76

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CANCELED DOE STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>DATE CANCELED</b>	<b>REASON</b>
NE C 7- 4T	Thermocouple Material, Copper-Constantan, Mineral-Oxide Insulated, Sheathed (w/Amendment 1) (1/73)	07/96	No longer needed
NE C 7- 5T	Thermocouple Material, Chromel-P and Alumel, Solid Conductor (Bare, Fiberglass Insulated, and Sheathed over Fiberglass Insulation) (1/73)	07/96	No longer needed
NE C 7- 6T	Thermocouple Material and Thermocouple Assembly, Chromel-P versus Alumel, Stainless Steel Sheathed, Magnesium Oxide Insulated (w/Amendment 1) (2/76)	07/96	No longer needed
NE C 7-15T	Thermocouple Connectors and Thermocouple Connector Panels (w/Amendment 1) (1/73)	07/96	No longer needed
NE C 7-16T	Thermocouple Assemblies, Magnesium Oxide Insulated, Stainless Steel Sheathed (11/76)	07/96	No longer needed
NE C 7-17T	Platinum Resistance Thermocouple (4/75)	07/96	No longer needed
NE C 7-18T	Thermowell Systems for Liquid Metal Service (w/Amendments 1 and 2) (5/74)	07/96	No longer needed
NE C 8- 2T	Liquid Sodium Bearing Film Thickness, Variable Reluctance Transducer, Proximity Measurement System (1/76)	07/96	No longer needed
NE C 8- 4T	Electrical Continuity-Type Liquid Metal Leak Detector (w/Amendment 1) (6/73)	07/96	No longer needed
NE C 8- 5T	Electrochemical Oxygen Meter for Service in Liquid Sodium (1/72)	07/96	No longer needed
NE C 8- 6T	Hydrogen Meter for Service in Liquid Sodium (11/83)	07/96	No longer needed
NE C 8- 7T	Diffusion Carbon Meter for Service in Liquid Sodium (1/72)	03/77	No longer needed
NE C 8- 8T	Specimen Equilibration Device (or Multipurpose Sampler) for the Analysis of Nonmetals in Liquid Sodium (7/77)	07/96	No longer needed
NE C 9- 1T	Single-point Strip-chart Recording Potentiometer (8/70)	02/74	No longer needed
NE C 9- 2T	Multipoint Strip-Chart Recording Potentiometer (9/70)	02/74	No longer needed
NE C 10- 1T	Thermocouple Signal Transmitter (1/79)	07/96	No longer needed
NE C 10- 2T	Permanent Magnet Flowmeter Signal Transmitter (11/71)	07/74	No longer needed

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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
NE C 10- 3T	Multiple Input Preamplifier/Discriminator for Use with Neutron Counters (12/75)	07/96	No longer needed
NE C 10- 4T	Signal Summer (10/71)	07/74	No longer needed
NE C 10- 5T	Eddy-Current Flowmeter Power Supply and Signal Conditioning Electronics (2/73)	07/80	No longer needed
NE C 11- 2T	Pyrometer, High Sensitivity, Indicating and Controlling (1/72)	02/74	No longer needed
NE C 12- 1T	Gas Chromatograph System for Sodium Cover Gas Service (11/73)	09/75	No longer needed
NE C 14- 1T	Ventilation Exhaust Radiation Monitoring System (4/74)	09/75	No longer needed
NE C 14- 2T	Area Radiation Monitoring System (4/74)	09/75	No longer needed
NE C 14- 3T	Gamma-Ray Spectrometer-Computer System (7/72)	09/75	No longer needed
NE C 15- 2T	Wide-Range (10 Decade) Neutron Flux Monitoring Channel (2/71)	07/96	No longer needed
NE C 15- 3T	Current Pulse Preamplifiers for Use with Fission Counters (w/Amendments 1 and 2) (10/74)	07/96	No longer needed
NE C 15- 4T	Self-Powered Cobalt-Emitter Neutron Detector (2/72)	05/75	No longer needed
NE C 15- 5T	Fission Type Neutron Detector Assembly (w/Amendment 1) (10/73)	07/96	No longer needed
NE C 15- 6T	Logarithmic Mean Square Voltage (MSV) Intermediate Range Neutron Flux Monitoring System (7/71)	07/96	No longer needed
NE C 15- 7T	Gamma Compensated Ionization Chamber Assembly (Fixed Electrical Compensation) (w/Amendments 1 and 2)	07/96	No longer needed
NE C 15- 8T	Direct Current Power Range Neutron Flux Monitoring System (7/71)	07/96	No longer needed
NE C 15- 9T	Mean Square Voltage (MSV) Power Range Neutron Flux Monitoring System (7/71)	09/75	No longer needed
NE C 15-10T	Logarithmic Count Rate Source Range Neutron Flux Monitoring System (7/71)	07/96	No longer needed
NE C 15-11T	BF3 Gamma Tolerant Neutron Detector Tubes (12/75)	07/96	No longer needed
NE C 16- 1T	Supplementary Criteria and Requirements for RDT Reactor Plant Protection Systems (12/69)	07/96	No longer needed

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CANCELED DOE STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>DATE CANCELED</b>	<b>REASON</b>
NE C 16- 3T	PPS Buffers (w/Amendment 1) (12/71)	07/96	No longer needed
NE C 16- 4T	Protection System Comparator (w/Amendment 1) (6/73)	07/96	No longer needed
NE C 17- 1T	High-Temperature Electrical Connectors and Hermetic Seals (3/70)	07/96	No longer needed
NE C 17- 4T	General Instrumentation (2/72)	01/81	No longer needed
NE C 17- 5T	Metal-Sheathed, Mineral-Insulated Cable Bulk Material (w/Amendment 1) (4/74)	07/96	No longer needed
NE C 17- 8T	Annunciators for Control Systems (w/Amendment 1) (8/73)	07/96	No longer needed
NE C 17- 9T	Foil-Shielded Instrumentation Cable (6/74)	07/96	No longer needed
NE C 18- 1T	Ceramic Electrical Insulators (w/Amendment 1) (6/80)	07/96	No longer needed
NE E 1- 6T	Automatic Spring-Loaded Safety Valves (w/Amendment 1) (1/73)	07/96	No longer needed
NE E 1- 9T	Stainless Steel Gate Valves, Manual and Power Operated (w/Amendment 1) (5/74)	07/96	No longer needed
NE E 1-11T	Rupture Disk Devices for Liquid Metal Systems (7/73)	02/75	No longer needed
NE E 1-12T	Stainless Steel Check Valves (w/Amendment 1) (5/74)	07/96	No longer needed
NE E 1-13T	Valve, Isolation, Butterfly Type (w/Amendment 1) (5/74)	07/96	No longer needed
NE E 1-18T	Class 1 Valves for Liquid Metal Service (5/75)	07/96	No longer needed
NE E 1-19T	Class 2 Valves for Liquid Metal Service (6/74)	07/96	No longer needed
NE E 1-21T	Stainless Steel Globe and Angle Valves, Manual and Power Operated (3/72)	07/96	No longer needed
NE E 1-25T	Instrument Valves (4/72)	07/96	No longer needed
NE E 1-31T	Carbon Steel Isolation Valves (w/Amendment 1) (5/74)	07/96	No longer needed
NE E 1-35T	Inert Gas Valves (5/72)	01/79	No longer needed
NE E 1-36T	Floor Valve, Reactor Refueling and Maintenance for LMFBR (6/72)	07/80	No longer needed
NE E 2- 3T	Reactor Vessel for Liquid Metal Service (12/73)	01/79	No longer needed
NE E 2- 4T	Shield Plug and Closure Cap for Penetrations—LMFBR Reactor Vessel Head (4/73)	01/79	No longer needed

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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
NE E 3- 1T	Vertical, Canned or Wet Motor-Driven Single-Stage Centrifugal Pump (w/Amendment 1) (5/74)	07/96	No longer needed
NE E 3- 2T	Centrifugal, Free-Surface, Sodium Pump with Electrical Drive (5/71)	06/82	No longer needed
NE E 3- 3T	Vertical, Shaft-Sealed, Motor-Driven, Single-Stage Centrifugal Pump (w/Amendment 1) (5/74)	07/96	No longer needed
NE E 3- 6T	Horizontal, Electrical Motor-Driven, Single-Stage Centrifugal Pump (w/Amendment 1) (5/74)	07/96	No longer needed
NE E 3- 7T	Reciprocating Positive Displacement Pump (w/Amendment 1) (5/74)	07/96	No longer needed
NE E 3- 9T	Electromagnetic Pump for Liquid Metal Service (w/Amendments 1, 2, and 3)	07/96	No longer needed
NE E 3-12T	Radioactive Gas Compressors (8/73)	07/80	No longer needed
NE E 4- 1T	Steam Generator for Pressurized Water Reactors (12/71)	07/96	No longer needed
NE E 4- 2T	Heat Exchanger, Class 1, Water-to-Water, Straight or U-Tube (6/73)	07/96	No longer needed
NE E 4- 5T	Forced-Circulation Cold Trap Assembly for Removal of Sodium Impurities (1/76)	07/96	No longer needed
NE E 4- 6T	Intermediate Heat Exchanger for Liquid Metal Systems (w/Amendment 1) (4/75)	07/96	No longer needed
NE E 4- 7T	Sodium to Air Heat Exchanger (w/Amendments 1-4) (1/74)	07/96	No longer needed
NE E 4-13T	Freeze Vent for Sodium Service (w/Amendments 1 and 2) (12/71)	07/96	No longer needed
NE E 4-14T	Vapor Trap Assemblies for Sodium Service (w/Amendments 1 and 2) (1/74)	07/96	No longer needed
NE E 4-16T	Sodium-Heated Steam Generator (2/74)	05/82	No longer needed
NE E 4-17T	Heat Exchanger, Class 2, Water-to-Water, Straight or U-Tube (7/71)	07/96	No longer needed
NE E 4-18T	Air-Cooled Heat Exchanger for Nuclear Steam-Supplied Systems (3/71)	07/96	No longer needed
NE E 4-19T	Plugging Temperature Indicator Assembly for Sodium Service (4/75)	07/96	No longer needed
NE E 4-20T	Heat Exchanger for Gas Cooler (5/72)	06/80	No longer needed
NE E 5- 1T	Pressurizer for Pressurized Water Reactors (6/72)	09/79	Replaced by ASME B&PV Code

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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
NE E 5- 2T	Electric Heater and Connector Assembly for Pressurizer for Pressurized Water Reactors (5/72)	07/96	No longer needed
NE E 6- 1T	Near-Isotropic Petroleum-Coke Based Graphites for High Temperature Gas-Cooled Reactor Core Components	07/96	No longer needed
NE E 6- 5T	Collapsible-Rotor, Roller-Nut Control Rod Drive Mechanism for Sodium Service (w/Amendments 1, 2, and 3) (9/74)	07/96	No longer needed
NE E 6- 9T	Core Support Structure for Pressurized Water Reactors (Fabrication Only) (4/72)	02/75	No longer needed
NE E 6-10T	Temperature and Liquid Level Control Monitor, Port Plug (Fabrication Only)	10/76	No longer needed
NE E 6-11T	Simulated Core Assemblies for Nuclear Reactors (3/73)	10/76	No longer needed
NE E 6-13T	Core Support Structure for Sodium Cooled Reactors (Fabrication Only) (1/72)	10/76	No longer needed
NE E 6-17T	Core Restraint Mechanism for Sodium Cooled Reactors (Fabrication Only)	10/76	No longer needed
NE E 6-18T	Instrument Tree for Sodium Cooled Reactors (Fabrication Only) (2/73)	10/76	No longer needed
NE E 6-19T	Radial Reflector Assembly for Liquid Metal Fast Breeder Reactors (3/78)	07/96	No longer needed
NE E 6-23T	Core Radial Shield for Sodium Cooled Reactors (12/71)	10/76	No longer needed
NE E 6-24T	Interim Decay Storage for Sodium-Cooled Reactors (4/73)	07/80	No longer needed
NE E 6-25T	Control Rod Absorber Pin for Liquid Metal Fast Breeder Reactors (w/Amendment 1) (1/77)	07/96	No longer needed
NE E 6-26T	Fabrication of Control Rod Driveline for Sodium Cooled Reactors (4/73)	10/76	No longer needed
NE E 6-30T	Absorber Pin Boron Carbide Pellet (9/76)	07/96	No longer needed
NE E 6-33T	Control Rod Assembly for Liquid Metal Fast Breeder Reactors (w/Amendment 1)	07/96	No longer needed
NE E 6-34T	Fabrication of Core Component Pot for Liquid Metal Service (3/72)	10/76	No longer needed
NE E 6-36T	Low Level Flux Monitor Mechanical System for Liquid Metal Service (Fabrication Only) (7/72)	10/76	No longer needed
NE E 6-38T	Low Friction Hard Surfaces for Core Components (w/Amendment 1) (9/73)	07/96	No longer needed



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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
NE E 6-40T	Piston Rings of High Strength Alloys for Core Components for Liquid Metal Service (5/74)	07/96	No longer needed
NE E 7- 4T	Mixing Component for Liquid Metal Piping Systems (w/Amendments 1 and 2) (6/74)	07/96	No longer needed
NE E 7- 6T	Pipe Hangers, Supports and Snubbers for Liquid Metal Service (5/72)	01/79	Replaced by DOE(NE) Standard E7-9
NE E 7- 8T	Penetrations for Piping (4/72)	05/75	No longer needed
NE E 7- 9T	Mechanical and Hydraulic Snubbers for Nuclear Applications (9/84)	07/96	No longer needed
NE E 8- 5T	Ex-Vessel Handling Machine for Sodium Cooled Reactors (12/71)	09/75	No longer needed
NE E 8- 6T	Transporter, Fuel Handling (3/72)	09/75	No longer needed
NE E 8-11T	FFTF Closed Loop In-Reactor Assembly Fabrication (12/71)	07/80	No longer needed
NE E 8-12T	Visual In-Service Inspection System and Associated Equipment for the Reactor Enclosure System (7/73)	07/80	No longer needed
NE E 8-13T	Oxygen-Hydrogen Meter Module for Service in Liquid Sodium (1/72)	07/96	No longer needed
NE E 8-14T	Carbon Meter-Equilibration Module for Service in Liquid Sodium (1/72)	03/77	No longer needed
NE E 8-15T	Fabrication of Plug Handling Fixture for Sodium Cooled Reactors (2/74)	09/75	No longer needed
NE E 8-18T	Threaded Fasteners for Nuclear Components (9/81)	07/96	No longer needed
NE E 8-19T	Open Test Assembly Fabrication (10/73)	03/79	No longer needed
NE E 9- 1T	HEPA Filters (AACC CS-1 with Additional Requirements) (8/74)	07/85	Replaced by DOE(NE) Standard F3-45 and MIL-F-0051068E-81
NE E 9- 3T	High-Efficiency Pleated-Bed Gas-Phase Absorber Cells (6/72)	06/74	No longer needed
NE E 9- 7T	Fans, Blowers, and Compressors for Dry Gas Circulation (4/73)	07/80	No longer needed
NE E 10- 2T	Guard Vessel for Primary Sodium Containing Components (11/70)	01/79	No longer needed
NE E 10- 3T	Tank—Liquid Metal Service (w/Amendments 1-3) (5/74)	07/96	No longer needed
NE E 10- 4T	Accumulators Pressure Vessel, Class 2 (3/73)	07/96	No longer needed
NE E 10- 5T	Expansion Joint—Containment Vessel Airlock (w/Amendment 1) (8/73)	01/79	No longer needed

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CANCELED DOE STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>DATE CANCELED</b>	<b>REASON</b>
NE E 10- 6T	Tank for Gas Service (w/Amendment 1) (1/74)	01/79	No longer needed
NE E 10- 7T	Blowdown Suppression Tank (5/72)	07/96	No longer needed
NE E 10- 8T	Steel Containment Vessel (12/73)	07/80	No longer needed
NE E 11- 1T	Ion Exchanger, Non-Regenerative Type (5/72)	07/96	No longer needed
NE E 11- 2T	Filter for Sodium Service (1/73)	07/80	No longer needed
NE E 12- 4T	Shielded Shipping Cask for Spent Reactor Fuel Elements (w/Amendment 1)	07/96	No longer needed
NE E 12- 5T	Operating Manuals for Fuel Shipping Containers (1/75)	07/96	No longer needed
NE E 12- 6T	Ancillary Features of Irradiated Fuel Shipping Casks (1/79)	11/87	Replaced by ANSI N14.19-1988
NE E 12- 7T	Inspection and Preventive Maintenance of Fuel Shipping Containers (1/75)	07/96	No longer needed
NE E 13- 1T	Ceramic Grade Plutonium Dioxide (12/81)	07/96	No longer needed
NE E 13- 2T	Ceramic Grade Uranium Dioxide (w/Amendment 1) (1/84)	07/96	No longer needed
NE E 13- 3T	Fast Flux Test Facility Uranyl Nitrate Solution (6/71)	07/96	No longer needed
NE E 13- 4T	Fast Flux Test Facility Plutonium Nitrate Solution (6/71)	07/96	No longer needed
NE E 13- 5T	Fast Breeder Reactor Fuel Pin (1/84)	07/96	No longer needed
NE E 13- 6T	Fast Breeder Reactor Mixed Oxide Fuel Pellet (w/Amendment 1) (1/84)	07/96	No longer needed
NE E 13- 7T	Fast Breeder Reactor Uranium Dioxide Pellet (1/84)	07/96	No longer needed
NE E 13- 8T	Fast Flux Test Facility Driver Fuel Pin Seamless Cladding Tube (6/71)	01/82	Replaced by ASTM A771-88
NE E 13- 9T	Fast Flux Test Facility Driver Fuel Pin End Caps (6/71)	01/82	Replaced by DOE(NE) M7-23
NE E 13-10T	Fast Flux Test Facility Driver Fuel Pin Reflectors (6/71)	01/82	Replaced by ASTM B166-86
NE E 13-11T	Fast Flux Test Facility Driver Fuel Pin Plenum Spacer (6/71)	01/82	Replaced by ASTM A269-88
NE E 13-12T	Fast Flux Test Facility Driver Fuel Pin Plenum Spring (6/71)	01/82	Replaced by ASTM A313-87
NE E 13-13T	Fast Flux Test Facility Driver Fuel Pin Wrap Wire (6/71)	01/82	Replaced by ASTM A580-83
NE E 13-15T	Fuel Assemblies for Pressurized Water Reactors (7/71)	08/82	No longer needed

**DOE-TSL-1-2007****APPENDIX D  
CANCELED DOE STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>DATE CANCELED</b>	<b>REASON</b>
NE E 13-16T	Fast Breeder Reactor Assembly (1/86)	07/96	No longer needed
NE E 14- 5T	Inflatable Seal—Containment Vessel Airlock (6/72)	01/79	No longer needed
NE E 14- 6T	Gaskets—Containment Vessel Airlock	01/79	No longer needed
NE E 15- 3T	Insulation/Heater Module-Piping (4/72)	03/75	No longer needed
NE E 15-2NB-T	Class 1 Nuclear Components (Supplement to ASME Boiler and Pressure Vessel Code, Section III, Subsections	07/96	No longer needed
NE E 15-2NC-T	Class 2 Nuclear Components (Supplement to ASME Boiler and Pressure Vessel Code, Section III, Subsections	07/96	No longer needed
NE E 15-2ND-T	Class 3 Nuclear Components (Supplement to ASME Boiler and Pressure Vessel Code, Section III, Subsections NCA and ND) (11/81)	07/96	No longer needed
NE E 15-2NE-T	Class MC Nuclear Components (Supplement to ASME Boiler and Pressure Vessel Code, Section III, Subsections NCA and NE) (8/75)	07/96	No longer needed
NE E 16- 1T	Test Vehicles for Transient Reactor Test Facility (TREAT) Experiments Containing Sodium (8/74)	07/96	No longer needed
NE F 1- 1	Preparation and Application of RDT Standards (w/Amendment 1) (6/77)	07/96	No longer needed
NE F 1- 2T	Preparation of Plant and System Design Description Documents (see conversion project FACR-0001) (1/89)	07/96	No longer needed
NE F 1- 3T	Preparation of Unusual Occurrence Reports (w/Amendment 1) (12/77)	07/96	No longer needed
NE F 2- 2	Quality Assurance Program Requirements (w/Amendments 1-7) (1/82)	07/96	No longer needed
NE F 2- 4	Quality Verification Program Requirements (1/81)	07/96	No longer needed
NE F 2- 6T	Quality and Control of Analytical Chemistry Laboratories for Mixed Oxide Fuel Analysis (3/79)	07/96	No longer needed
NE F 2- 7T	Acceptance Sampling Plans (11/73)	07/96	No longer needed
NE F 2- 8T	Qualification and Control of Analytical Chemistry Laboratories for Control Rod Absorber Material Analysis (12/78)	07/96	No longer needed
NE F 2- 9T	Reliability Assurance (6/74)	07/96	No longer needed
NE F 2-10	Quality Assurance Program Requirements (Supplement to	07/96	No longer needed

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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
NE F 3- 2T	Calibration Program Requirements (2/73)	07/96	No longer needed
NE F 3- 6T	Nondestructive Examination (Supplement to ASME Boiler and Pressure Vessel Code, Section V) (2/83)	07/96	No longer needed
NE F 3- 7T	Inspection Requirements for Materials Used in Reactor Coolant System Wear Applications (10/67)	07/96	No longer needed
NE F 3-10T	Nondestructive Examination of Reactor Core Components (w/Amendments 1 and 2) (7/80)	07/96	No longer needed
NE F 3-11T	Mass Spectrometer Helium Leak Detection for Instruments and Small Components (2/72)	07/96	No longer needed
NE F 3-15T	Requirements for Inspection of Dimensional Characteristics (8/73)	03/89	Replaced by ASQC M1 (1987)
NE F 3-37T	Special Requirements for Metal Products (5/74)	04/75	No longer needed
NE F 3-39T	Testing of High Temperature Cable for Nuclear Detectors (8/71)	07/96	No longer needed
NE F 3-40T	Methods for the Analysis of Sodium and Cover Gas (w/Amendments 1 and 2)	04/84	Replaced by ASTM C997-83
NE F 3-41T	In-Place Testing of HEPA Filter Systems by the Single-Particle, Particle-Size Spectrometer Method (12/81)	07/96	Replaced by ASTM F 1471-93
NE F 3-42	Operating Policy of DOE Filter Test	05/98	Replaced by DOE-STD-3022-98
NE F 3-43	Quality Assurance Testing of HEPA Filters	02/99	Replaced by DOE-STD-3025-99
NE F 3-44	DOE Filter Test Facilities Quality Program Plan	02/99	Replaced by DOE-STD-3026-99
NE F 3-45	Specifications for HEPA Filters Used by DOE Contractors	02/97	Replaced by DOE-STD-3020-97
NE F 4-20T	Operation and Maintenance Manuals	07/96	No longer needed
NE F 5- 1T	Cleaning and Cleanliness Requirements for Nuclear Components (1/78)	07/96	No longer needed
NE F 5- 9T	Sodium Removal Processes (4/77)	07/96	No longer needed
NE F 5-10T	Decontamination of Hot Leg LMFBR Components (2/84)	07/96	No longer needed
NE F 6- 2T	Welding of Reactor Core Components and Test Assemblies (7/73)	07/96	No longer needed

**DOE-TSL-1-2007****APPENDIX D  
CANCELED DOE STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>DATE CANCELED</b>	<b>REASON</b>
NE F 6- 5T	Welding and Brazing Qualifications (Supplement to ASME Boiler and Pressure Vessel Code, Section IX) (3/83)	07/96	No longer needed
NE F 6- 6T	Welding of Structural Components (AWS D1.1 with Additional Requirements) (6/73)	07/96	No longer needed
NE F 6- 7T	Weldability Tests for Materials (7/71)	04/75	No longer needed
NE F 6-10T	Repair of Materials by Welding (7/71)	04/75	No longer needed
NE F 6-11T	Fabrication and Installation of Piping Subassemblies for Liquid Metal Service (w/Amendments 1 and 2) (6/73)	07/96	No longer needed
NE F 6-14T	Brazing Fabrication Requirements (7/71)	04/75	No longer needed
NE F 7- 1T	Continuous Identification Marking of Components for Shipment and Storage (9/75)	05/74	No longer needed
NE F 7- 2T	Packaging, Packing, and Marking of Components for Shipment and Storage (w/Amendment 1) (1/76)	07/96	No longer needed
NE F 7- 3T	Marking of Components and Parts (w/Amendment 1) (10/78)	07/96	No longer needed
NE F 8- 1T	Preloaded Threaded Fasteners and Closures (11/76)	01/89	Replaced by EPRI NP-5067 (1987)
NE F 8- 6T	Hoisting and Rigging of Critical Components and Related Equipment	07/96	No longer needed
NE F 8- 7T	Transportation of Critical Components and Equipment (1/76)	10/84	Replaced by NQA-1- 79 and NQA-2-83
NE F 8- 9T	Design Basis for Fuel and Irradiations Experiment Resistance to Shock and Vibration in Truck Transport (2/75)	07/96	No longer needed
NE F 8-11T	Fuel Shipping Container Tiedown for Truck Transport (1/75)	07/96	No longer needed
NE F 9- 1T	Requirements for Nuclear Components at Elevated Temperatures (Supplement to ASME Elevated Temperature Code Case 1331) (4/73)	06/74	No longer needed
NE F 9- 2T	Seismic Requirements for Design of Nuclear Power Plants and Nuclear Test Facilities (2/85)	07/96	No longer needed
NE F 9- 4T	Requirements for Design of Class 1 Elevated Temperature Nuclear System Components (Supplement to ASME Code Case N-47) (see conversion project GDRQ-0002) (6/86)	07/96	No longer needed

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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
NE F 9- 5T	Guidelines and Procedures for Design of Class 1 Elevated Temperature Nuclear System Components (see conversion project GDRQ-0003) (9/86)	07/96	No longer needed
NE F 11- 1T	Analytical Chemistry Methods for Mixed Oxide Fuel (3/85)	07/96	No longer needed
NE F 11- 2T	Analytical Chemistry Methods for Boron Carbide Absorber Material (3/85)	07/96	No longer needed
NE F 11- 3T	Analytical Chemistry Methods for Metallic Core Components (3/85)	07/96	No longer needed
NE F 11- 4T	Determination of a Figure of Merit for PuO <sub>2</sub> -UO <sub>2</sub> Fuel Pellet Homogeneity by Use of an Electron Microprobe (9/72)	07/96	No longer needed
NE F 11- 5T	Determination of Fuel Pellet Homogeneity by Alpha-Autoradiography	07/96	No longer needed
NE F 11- 6T	Ceramographic Preparation of Mixed Oxide Fuel Pellets (1/73)	07/85	Replaced by ASTM C994-83
NE M 1- 1T	Stainless Steel Covered Welding Electrodes (ASME SFA-5.4 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 1- 2T	Stainless Steel Welding Rods and Bare Electrodes (ASME SFA-5.9 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 1- 3T	Mild Steel Covered Welding Electrodes (ASME SFA-5.1 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 1- 4T	Low Alloy Steel Covered Welding Electrodes (ASME SFA-5.5 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 1- 5T	Welding Rods and Electrodes, Surfacing (ASME SFA-5.13 with Additional Requirements) (4/82)	07/96	No longer needed
NE M 1- 6T	Mild Steel Electrodes for Gas Metal-Arc Welding (ASME SFA-5.18 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 1- 7T	Copper and Copper Alloy Welding Electrodes (ASME SFA-5.6 with Additional Requirements) (7/71)	07/75	No longer needed
NE M 1- 8T	Copper and Copper Alloy Welding Rods (ASME SFA-5.7 with Additional Requirements) (7/71)	07/75	No longer needed
NE M 1- 9T	Brazing Filler Metal (ASME SFA-5.8 with Additional Requirements) (10/81)	07/96	No longer needed

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CANCELED DOE STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>DATE CANCELED</b>	<b>REASON</b>
NE M 1-10T	Nickel and Nickel Alloy Covered Welding Electrodes (ASME SFA-5.11 with Additional Requirements) (10/81)	07/96	No longer needed
NE M 1-11T	Nickel and Nickel-Alloy Bare Welding Rods and Electrodes (ASME SFA-5.14 with Additional Requirements) (10/81)	07/96	No longer needed
NE M 1-15T	Nickel-Molybdenum-Chromium Alloy Bare Welding Rods and Electrodes (4/77)	02/81	No longer needed
NE M 1-16T	Zirconium and Zirconium Alloy Bare Welding Rods (ASTM B351 with Additional Requirements) (1/72)	05/77	No longer needed
NE M 1-17T	Bare Carbon Steel Electrodes and Fluxes for Submerged Arc Welding (ASME SFA-5.17 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 1-19T	Nickel-Chromium-Molybdenum-Columbium Bare Welding Rods and	07/96	No longer needed
NE M 1-20T	Mild Steel Electrodes for Flux-Cored Arc Welding (ASME SFA-5.20 with Additional Requirements) (8/79)	07/96	No longer needed
NE M 1-21T	Consumable Welding Inserts (3/82)	07/96	No longer needed
NE M 1-22T	Bare Low-Alloy Steel Electrodes and Fluxes for Submerged Arc Welding (ASME SFA-5.23 with Additional	07/96	No longer needed
NE M 1-23T	2-1/4%-Chromium, 1%-Molybdenum Alloy Bare Welding Rods and Electrodes (5/82)	07/96	No longer needed
NE M 2- 3T	Carbon and Alloy Steel Welding Fittings (ASME SA-234 with Additional Requirements) (2/83)	07/96	No longer needed
NE M 2- 5T	Austenitic Stainless Steel Welding Fittings (ASME SA-403 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 2- 6T	Martensitic Stainless Steel (Type 403) Forgings (ASME SA-182 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 2- 9T	Zirconium and Zirconium Alloy Forgings and Extrusions (ASTM B 356 with Additional Requirements) (1/72)	05/77	No longer needed
NE M 2-11T	Nickel-Molybdenum-Chromium Alloy Forgings (ASME SA-182 with Additional Requirements) (8/79)	02/81	No longer needed
NE M 2-12T	Nickel-Molybdenum-Chromium Alloy Welding Fittings (ASME SA-403 with Additional Requirements) (8/79)	02/81	No longer needed

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CANCELED DOE STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>DATE CANCELED</b>	<b>REASON</b>
NE M 2-15T	Nickel-Chromium Alloy Bars, Forgings, and Forging Stock (ASME SA-637 with Additional Requirements) (3/82)	07/96	No longer needed
NE M 2-16T	Tungsten Forgings (AMS 7897 with Additional Requirements) (1/72)	03/76	No longer needed
NE M 2-17T	Precipitation Hardening Alloy Bars, Forgings, and Forging Stock (ASTM A 461 with Additional Requirements) (9/72)	03/76	No longer needed
NE M 2-18T	Precipitation Hardening Nickel Alloy Bars, Forgings, and Forging Stock for High-Temperature Service (ASTM A637 with Additional Requirements) (8/79)	07/96	No longer needed
NE M 2-19T	2-1/4%-Chromium, 1%-Molybdenum Alloy Steel Tubesheet Forgings (ASME SA-336 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 2-20T	Nickel Alloy Forgings (ASME SB-564 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 2-21T	Forgings and Bars for Nuclear and Other Special Applications (ASME SA-654 with Additional Requirements) (4/82)	07/96	No longer needed
NE M 3- 4T	Nickel Alloy Seamless Tubes (ASME SB-163 with Additional Requirements) (9/82)	07/96	No longer needed
NE M 3- 8T	Zirconium and Zirconium Alloy Tubes (ASTM B 353 with Additional Requirements) (1/72)	05/77	No longer needed
NE M 3- 9T	Nickel-Iron-Chromium Alloy Seamless Pipe and Tubing (ASME SB-407 with Additional Requirements) (3/82)	07/96	No longer needed
NE M 3-10T	Nickel-Molybdenum-Chromium Alloy Seamless Pipe and Tubes (ASME SB-167 with Additional Requirements) (4/76)	02/81	No longer needed
NE M 3-17T	Nickel-Molybdenum-Chromium Alloy Welded Pipe (ASME SA-358 with Additional Requirements) (8/79)	02/81	No longer needed
NE M 3-18T	Nickel-Molybdenum-Chromium Alloy Seamless Tubes (ASME SB-163 with Additional Requirements) (8/79)	02/81	No longer needed
NE M 3-20T	Polyethylene Instrument Tubing (1/72)	02/74	No longer needed
NE M 3-26T	Seamless Austenitic Stainless Steel Tubes with Integral Fins (ASTM A 498 with Additional Requirements) (2/72)	01/78	No longer needed
NE M 3-27T	Seamless and Welded Small Diameter Austenitic Stainless Steel Tubing (ASTM A632 with Additional Requirements) (8/79)	07/96	No longer needed



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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
NE M 3-28T	Austenitic Stainless Steel and Superalloy Tubing for BRP Core Components (11/77)	09/80	Replaced by ASTM A771-80
NE M 3-29T	Nickel-Chromium-Molybdenum-Columbium Alloy Seamless Tubes (AMS 5589 with Additional Requirements) (4/76)	07/96	No longer needed
NE M 3-30T	Nickel-Chromium-Molybdenum-Columbium Alloy Seamless Tubes (AMS 5590 with Additional Requirements) (4/76)	07/96	No longer needed
NE M 3-33T	2-1/4%-Chromium, 1%-Molybdenum Alloy Steel Seamless Tubes (ASME SA-213 with Additional Requirements) (9/82)	07/96	No longer needed
NE M 3-34T	Pipe and Tubing for Nuclear and Other Special Applications (ASME SA-655 with Additional Requirements) (6/82)	07/96	No longer needed
NE M 3-35T	Austenitic and Ferritic Stainless Steel Duct Tubes for Breeder Reactor Core Components (1/82)	04/85	Replaced by ASTM A826-84
NE M 4- 3T	Cobalt-Chromium Alloy Castings (1/81)	07/96	No longer needed
NE M 4- 5T	Nickel-Molybdenum-Chromium Alloy Castings (ASTM A 494 with Additional Requirements) (4/76)	02/81	No longer needed
NE M 4- 6T	Steel Castings for Nuclear and Other Special Applications (ASME SA-613 with Additional Requirements) (6/82)	07/96	No longer needed
NE M 5- 4T	Nickel-Chromium-Iron Alloy Plate, Sheet, and Strip (ASME SB-168 with Additional Requirements) (3/82)	07/96	No longer needed
NE M 5- 6T	Zirconium and Zirconium Alloy Plate, Sheet, and Strip (ASTM B 352 with Additional Requirements) (1/72)	05/77	No longer needed
NE M 5- 7T	Nickel-Iron-Chromium Alloy Plate, Sheet, and Strip (ASME SB-409 with Additional Requirements) (5/82)	07/96	No longer needed
NE M 5- 8T	Nickel-Molybdenum-Chromium Alloy Sheet and Plate (ASME SB-434 with Additional Requirements) (8/79)	02/81	No longer needed
NE M 5-19T	Austenitic Stainless Steel Plate, Sheet, and Strip for Core Components (3/73)	07/96	No longer needed
NE M 5-20T	Nickel-Chromium-Molybdenum-Columbium Alloy Plate, Sheet, and Strip (AMS 5597 with Additional Requirements) (w/Amendment 1) (11/75)	07/96	No longer needed

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## APPENDIX D CANCELED DOE STANDARDS

DOCUMENT	TITLE	DATE CANCELED	REASON
NE M 5-21T	Nickel-Chromium-Molybdenum-Columbium Alloy Plate, Sheet, and Strip (AMS 5596 with Additional Requirements)	07/96	No longer needed
NE M 5-23T	Steel Plates for Nuclear and Other Special Applications (ASME SA-647 with Additional Requirements) (3/82)	07/96	No longer needed
NE M 6- 1T	Alloy Steel Bolting Material for Low-Temperature Service (ASME SA-320 with Additional Requirements) (2/82)	07/96	No longer needed
NE M 6- 2T	Mechanical Locking Devices (w/Amendment 1) (10/71)	07/96	No longer needed
NE M 6- 3T	Alloy Steel Bolting Material for High-Temperature Service (ASME SA-193 with Additional Requirements) (9/82)	07/96	No longer needed
NE M 6- 4T	Alloy Steel Nuts for Bolting for High-Pressure and High-Temperature Service (ASME SA-194 with Additional Requirements) (9/82)	07/96	No longer needed
NE M 6- 5T	Alloy Steel Bolting Material for Special Applications (ASME SA-540 with Additional Requirements) (1/82)	07/96	No longer needed
NE M 6- 6T	High-Strength, High-Temperature Bolting Materials (ASME SA-543 with Additional Requirements) (2/82)	07/96	No longer needed
NE M 7- 1T	Martensitic Stainless Steel (Type 403) Bars (ASTM A276 with Additional Requirements) (3/82)	07/96	No longer needed
NE M 7- 3T	Alloy Steel Bars and Shapes (ASME SA-479 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 7- 4T	Nickel-Chromium-Iron Alloy Rod and Bar (ASME SB-166 with Additional Requirements) (8/82)	07/96	No longer needed
NE M 7- 5T	Cobalt-Chromium-Tungsten-Nickel Alloy Rounds (6/71)	10/75	No longer needed
NE M 7- 6T	Precipitation-Hardening Stainless Steel Bars, Shapes, and Forgings (ASME SA-564 with Additional Requirements) (9/82)	07/96	No longer needed
NE M 7- 7T	Cobalt-Chromium Alloy Bars and Shapes (1/81)	07/96	No longer needed
NE M 7- 8T	Nickel-Chromium-Iron Alloy Wire (AMS 5687 with Additional Requirements) (7/71)	08/76	No longer needed
NE M 7- 9T	Zirconium and Zirconium Alloy Bars, Rod and Wire (ASTM B351 with Additional Requirements) (1/72)	05/77	No longer needed

**DOE-TSL-1-2007****APPENDIX D  
CANCELED DOE STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>DATE CANCELED</b>	<b>REASON</b>
NE M 7-10T	Nickel-Iron-Chromium Alloy Rod and Bar (ASME SB-408 with Additional Requirements) (9/82)	07/96	No longer needed
NE M 7-11T	Nickel-Molybdenum-Chromium Alloy Rod and Bar (ASME SB-336 with Additional Requirements) (4/76)	11/80	No longer needed
NE M 7-12T	Nickel Wire (3/70)	03/79	No longer needed
NE M 7-13T	Ceramic-Insulated Magnet Wire (7/70)	03/79	No longer needed
NE M 7-14T	Nickel-Molybdenum-Chromium Alloy Rod (ASME SB-336 with Additional Requirements) (1/74)	10/75	No longer needed
NE M 7-22T	Tantalum-Tungsten Alloy Bars and Rods (AMS 7848 with Additional Requirements) (9/72)	03/76	No longer needed
NE M 7-23T	Austenitic Stainless Steel Bar for Core Components (2/82)	04/85	Replaced by ASTM A831-84
NE M 7-24T	Austenitic Stainless Steel Wire for Core Components (3/73)	07/96	No longer needed
NE M 8- 1T	Helical Age-Hardenable Nickel-Chromium-Iron Alloy Springs (1/81)	07/96	No longer needed
NE M 9- 1T	Nickel-Chromium-Iron and Austenitic Chromium-Nickel Alloy Seals (10/73)	04/75	No longer needed
NE M 10- 1T	Zirconium and Zirconium Alloy Ingots (ASTM B 350 with Additional Requirements) (1/72)	05/77	No longer needed
NE M 11- 1T	Non-Metallic Seal Materials (2/69)	03/76	No longer needed
NE M 11- 2T	Impregnated Asbestos Packing Material (2/69)	03/76	No longer needed
NE M 12- 1T	Test Requirements for Thermal Insulating Materials for Use on Austenitic Stainless Steel (10/72)	05/80	Replaced by ASTM C692-77 and C629-80
NE M 12- 2T	Calcium Silicate Block and Pipe Thermal Insulation (ASTM C 533 with Additional Requirements) (6/71)	05/80	Replaced by ASTM C533-72, C795-77, and C929-80
NE M 12- 3T	Mineral Fiber Hydraulic-Setting Thermal Insulating and Finishing Cement (ASTM C 449 with Additional Requirements) (10/71)	05/80	Replaced by ASTM C449-77, C795-77, and C929-80
NE M 12- 4T	Reflective Insulation (w/Amendment 1) (10/74)	07/96	No longer needed
NE M 12- 5T	Thermal Insulation, Flexible or Molded, High Temperature, Low Conductivity (w/Amendment 1) (4/73)	07/96	No longer needed

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CANCELED DOE STANDARDS**

<b>DOCUMENT</b>	<b>TITLE</b>	<b>DATE CANCELED</b>	<b>REASON</b>
NE M 12- 6T	Mineral Fiber Thermal Insulation, High-Temperature, Rigid, Flexible, and Loose Fill (ASTM C 612 with Additional Requirements) (3/73)	05/80	No longer needed
NE M 13- 1T	Sodium Purchase Specifications (9/73)	07/87	Replaced by ASTM C1051-85
NE M 14- 1T	Sodium Cover Gas—Purchase Specifications (w/Amendment 1) (1/75)	07/96	No longer needed
NE M 14- 2T	Fuel and Control Assembly Tag Gas	07/96	No longer needed
NE M 16- 1T	Gas-Phase Adsorbents for Trapping Radioactive Iodine and Iodine Compounds (10/81)	07/96	No longer needed
NE M 16- 3T	HEPA Filter Medium, Glass Fiber (MIL-F-51079 with Modifications and Additional Requirements) (3/74)	07/85	Replaced by DOE(NE) F3-45 and MIL-F-51079C-80
NE M 17- 1T	Sodium Carbonate, Low-Chloride Fire Extinguishing Agent (w/Amendment 1)	07/96	No longer needed
NE P 2- 5T	Medium Voltage Switchgear (10/75)	01/79	No longer needed
NE P 2- 6T	Undervoltage Relay for Plant Protection System Use (12/72)	05/75	No longer needed
NE P 3- 1T	Electric Penetration Assemblies in Containment Structures (IEEE 317 with Additional Requirements) (1/79)	07/96	No longer needed
NE P 4- 1T	Electric Heaters—Simulated LMFBR Fuel Pins (3/72)	07/96	No longer needed
NE P 4- 3T	Metal-Sheathed, Mineral-Insulated Electric Resistance Heaters (3/75)	07/96	No longer needed
NE P 4- 4T	Electric Heaters—Simulated Pressurized Water Reactor Fuel Pins (2/73)	09/75	No longer needed

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**APPENDIX E**  
**CONSORTIA STANDARDS IN USE BY DOE**

<b>DOCUMENT</b>	<b>TITLE</b>
AGS	American Institute of Architects Architectural Graphics Standards International Building Code (IBC) International Code Council National Electrical Safety Code
Adobe PostScript 3, 1999	Postscript
CORBA 2.3	Object Management Group's Common Object Request Broker Architecture
DMA 1.0	Document Management Alliance
EIA/IS 106	CASE Data Interchange Format (Updates EIA/CDIF)
Energy Star	Energy Star
FTR 1080A-1998	Video Teleconferencing Services at 56 to 1920 kbits
GIF	GIF Version 89a Non-Interlaced/GIF Version 89a Interlaced
HDF	Hierarchical Data Format
HTTP V1.1	Hypertext Transfer Protocol (HTTP) Version 1
IETF RFC 821	Simple Mail Transfer Protocol
IETF RFC 1777	Lightweight Directory Access Protocol (LDAP), Version 3
IETF RFC 1848	MIME Object Security Services
IETF RFC 2045-2049	Multipurpose Internet Mail Extensions (MIME) Parts 1-5
IETF RFC 2272	Simple Network Management Protocol V.2
IETF STD-13/RFC 1034/RFC 1035	Domain Names (Concepts and Facilities)/Domain Names (Implementation and Specification)
IIOIP	Internet Inter-ORB Protocol
ITU-T, Rec. V.90	Digital and Analog Modems Pair Used on the Public Switched Telephone Network
Java 2 Platform	Java 2 Platform, Standard Edition
JDBC	Java Database Connectivity
Kerberos, DCE-SS 1.1	Kerberos Network Authentication Service (V5) Generic Security Service API (GSSAPI)
MISPC	Minimum Interoperability Specification for Public Key Infrastructure Components, Version 1
NE C 1- 2T	Recommended Practice for High-Temperature Strain Measurement (10/85)
NE C 7- 2T	Thermocouple Material, Iron-Constantan, Magnesium-Oxide Insulated and Sheathed (4/70)
NE C 7- 7T	Thermocouple Materials, Platinum and Platinum 10 Percent Rhodium Wires, Noninsulated, Standard Grade (7/82)
NETCDF	Network Common Data Form

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## APPENDIX E CONSORTIA STANDARDS IN USE BY DOE

DOCUMENT	TITLE
ODBC	Open Database Connectivity
PDF	Portable Document Format
RTF	Rich Text Format (RTF)
Single UNIX Specification, Version 2	Single UNIX Specification, Version 2
SSL	Secure Sockets Layer (SSL) (Replaces S-HTTP)
TCP/IP RFC 793 (TCP)/RFC 801 (IP V.4)	Transmission Control Protocol/Internet Protocol (TCP/IP)
UML 1.4	Unified Modeling Language
W3C REC-html40-10090424	Hypertext Markup Language (HTML) 4.0
W3C REC-XML-19980210	Extensible Markup Language (XML)
W3C WAI-WEBCONTENT- 19990505	Web Content Accessibility Guidelines 1.0
X.400	X.400 Message Handling Services
X.509 Version 3	The Directory: Authentication Framework
XFN	Open Group Technical Standard C403 -- X/Open Federated Naming: The XFN Specification

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CONCLUDING MATERIAL**

**Preparing Activity:**  
DOE-HS-21

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