

DOE Orders/Standards and Applicable CFRs/DEAR Crosswalk

DOE Order	Title	Date	Corresponding Standards	Corresponding CFRs/DEAR Clauses
DOE O 3790.1B	Federal Employee Occupational Safety and Health Program	1/93	➤ DOE-STD-1138-2000 ➤ DOE-STD-1120-98	➤
DOE O 4700.1	Project Management System	3/87 Chg 1 6/92	➤ DOE-STD-1073-93 ➤ DOE-STD-1128-98 ➤ DOE-STD-6003-96 ➤ DOE-HDBK-3027-99	➤ 10 CFR 835
DOE O 5400.1	General Environmental Protection Program	11/88 Chg 1 6/90	➤ DOE-STD-1120-98 ➤ DOE-STD-1136-2000 ➤ DOE-STD-1146-2001 ➤ DOE-STD-6003-96	➤
DOE O 5480.4	Environmental Protection, Safety, and Health, Protection Standards	5/84 Chg 4 1/93	➤ DOE-STD-1027-92 ➤ DOE-STD-1128-98 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-1098-99 ➤ DOE-STD-1138-2000 ➤ DOE-HDBK-6004-99 ➤ DOE-HDBK-3012-96	➤ 10 CFR 835
DOE O 5400.5	Radiation Protection of the Public and the Environment	2/90 Chg 2 1/93	➤ DOE-HDBK-1079-94 ➤ DOE-STD-1098-99 ➤ DOE-HDBK-1106-97 ➤ DOE-HDBK-1110-97 ➤ DOE-HDBK-1113-98 ➤ DOE-STD-1120-98 ➤ DOE-HDBK-1129-99 ➤ DOE-STD-1128-98 ➤ DOE-STD-1136-2000 ➤ DOE-STD-1146-2001 ➤ DOE-STD-6003-96	10 CFR 835 48 CFR 970.2303 Hazardous Materials Identification and Material Safety
DOE O 5480.19	Conduct of Operations Requirements for DOE Facilities	7/90 Chg 2 10/01	➤ DOE-STD-1029-92 ➤ DOE-STD-1030-96 ➤ DOE-STD-1031-92 ➤ DOE-STD-1032-92 ➤ DOE-STD-1033-92 ➤ DOE-STD-1034-93 ➤ DOE-STD-1035-93	10 CFR 835 48 CFR 970.5204-2 (Laws, Regulations, and DOE Directives) ES&H/ISMS 48 CFR 970.5237-2 Facilities Management

			➤ DOE-STD-1036-93 ➤ DOE-STD-1037-93 ➤ DOE-STD-1038-93 ➤ DOE-STD-1039-93 ➤ DOE-STD-1040-93 ➤ DOE-STD-1041-93 ➤ DOE-STD-1042-93 ➤ DOE-STD-1043-93 ➤ DOE-STD-1044-93 ➤ DOE-STD-1045-93 ➤ DOE-STD-1063-2000 ➤ DOE-STD-1073-93 ➤ DOE-HDBK-1086-95 ➤ DOE-HDBK-1100-96 ➤ DOE-STD-1098-99 ➤ DOE-HDBK-1103-96 ➤ DOE-HDBK-1115-98 ➤ DOE-HDBK-1119-99 ➤ DOE-STD-1120-98 ➤ DOE-STD-1128-98 ➤ DOE-STD-1138-2000 ➤ DOE-STD-1136-2000 ➤ DOE-STD-1146-2001 ➤ DOE-HDBK-1101-96 ➤ DOE-HDBK-1092-98 ➤ DOE-STD-6003-96 ➤ DOE-STD-3006-2000 ➤ DOE-STD-3009-94 ➤ DOE-STD-3015-2001 ➤ DOE-STD-3024-98	
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DOE O 5480.20A	Personnel Selection, Qualification, and Training Requirements for DOE Nuclear Facilities	11/94	➤ DOE-HDBK-1001-96 ➤ DOE-HDBK-1003-96 ➤ DOE-STD-1040-93 ➤ DOE-STD-1070-94 ➤ DOE-HDBK-1074-95 ➤ DOE-HDBK-1076-94 ➤ DOE-HDBK-1080-97 ➤ DOE-HDBK-1078-94 ➤ DOE-HDBK-1086-95 ➤ DOE-HDBK-1099-96 ➤ DOE-STD-1098-99 ➤ DOE-HDBK-1103-96 ➤ DOE-STD-1107-97 ➤ DOE-HDBK-1108-97 ➤ DOE-HDBK-1105-96 ➤ DOE-HDBK-1113-98 ➤ DOE-HDBK-1114-98 ➤ DOE-HDBK-1115-98 ➤ DOE-HDBK-1116-98 ➤ DOE-HDBK-1117-99 ➤ DOE-HDBK-1118-99 ➤ DOE-HDBK-1119-99 ➤ DOE-STD-1120-98 ➤ DOE-HDBK-1122-99 ➤ DOE-HDBK-1130-98 ➤ DOE-HDBK-1131-98 ➤ DOE-STD-1128-98 ➤ DOE-STD-1135-99 ➤ DOE-STD-1138-2000 ➤ DOE-HDBK-1141-2001 ➤ DOE-HDBK-1143-2001 ➤ DOE-HDBK-1145-2001 ➤ DOE-HDBK-1202-97 ➤ DOE-HDBK-1203-97 ➤ DOE-HDBK-1204-97 ➤ DOE-HDBK-1205-97 ➤ DOE-HDBK-1206-98	➤ 10 CFR 835 ➤ 48 CFR 970.5237-2 Facilities Management
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			➤ DOE-HDBK-1101-96 ➤ DOE-STD-6003-96 ➤ DOE-HDBK-6004-99 ➤ DOE-STD-3006-2000	
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DOE O 5480.21	Unreviewed Safety Questions	12/91	➤ DOE-STD-1073-93 ➤ DOE-STD-1120-98 ➤ DOE-STD-1135-99 ➤ DOE-STD-1136-2000 ➤ DOE-STD-1146-2001 ➤ DOE-STD-1063-2000 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-6003-96 ➤ DOE-STD-3006-2000 ➤ DOE-STD-3011-94 ➤ DOE-STD-3015 –2001 ➤ DOE-DP-STD-3016-99 ➤ DOE-STD-3024-98 ➤ DOE-STD-3028-2000	➤ 10 CFR 830.200 (Subpart B Safety Basis Requirements) ➤ 48 CFR 970.5204-2 (Laws, Regulations, and DOE Directives) ES&H/ISMS
DOE O 5480.22	Technical Safety Requirements	2/92 Chg 2 1/96	➤ DOE-STD-1063-2000 ➤ DOE-STD-1073-93 ➤ DOE-STD-1120-98 ➤ DOE-STD-1135-99 ➤ DOE-STD-1128-98 ➤ DOE-STD-1136-2000 ➤ DOE-STD-1146-2001 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-3006-2000 ➤ DOE-STD-3009-94 ➤ DOE-STD-3011-94 ➤ DOE-STD-3015 –2001 ➤ DOE-DP-STD-3016 –99 ➤ DOE-STD-3024-98 ➤ DOE-STD-3028-2000	➤ 10 CFR 835 ➤ 10 CFR 830.200 (Subpart B Safety Basis Requirements) ➤ 48 CFR 970.5204-2 (Laws, Regulations, and DOE Directives) ES&H/ISMS
DOE O 5480.23	Nuclear Safety Analysis Reports	4/92 Chg 1 3/94	➤ DOE-STD-1020-94 ➤ DOE-STD-1021-93 ➤ DOE-STD-1027-92 ➤ DOE-STD-1063-2000 ➤ DOE-STD-1073-93 ➤ DOE-HDBK-1074-95 ➤ DOE-STD-1082-94 ➤ DOE-HDBK-1100-96	➤ 10 CFR 835 ➤ 10 CFR 830.200 (Subpart B Safety Basis Requirements) ➤ 48 CFR 970.5204-2 (Laws, Regulations, and DOE Directives) ES&H/ISMS

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			➤ DOE-STD-6002-96 ➤ DOE-STD-1104-96 ➤ DOE-STD-1120-98 ➤ DOE-HDBK-1129-99 ➤ DOE-STD-1135-99 ➤ DOE-STD-1128-98 ➤ DOE-STD-1138-2000 ➤ DOE-STD-1136-2000 ➤ DOE-STD-1146-2001 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-6003-96 ➤ DOE-HDBK-6004-99 ➤ DOE-STD-3006-2000 ➤ DOE-STD-3009-94 ➤ DOE-HDBK-3010-94 ➤ DOE-STD-3011-94 ➤ DOE-STD-3014-96 ➤ DOE-STD-3015 –2001 ➤ DOE-DP-STD-3016 –99 ➤ DOE-STD-3024-98 ➤ DOE-STD-3028-2000	
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DOE O 5480.30	Nuclear Reactor Safety Design Criteria	1/93 Chg 1 3/01	➤ DOE-STD-1021-93 ➤ DOE-STD-1023-95 ➤ DOE-STD-1073-93 ➤ DOE-STD-6002-96 ➤ DOE-HDBK-1140-2001	➤
DOE O 5632.1C	Protection and Control of Safeguards and Security Interests	7/94	➤ DOE-STD-1128-98 ➤ DOE-STD-1136-2000 ➤ DOE-STD-6003-96 ➤ DOE-HDBK-6004-99	➤ 10 CFR 835
DOE O 6430.1A	General Design Criteria	4/89	➤ DOE-STD-1066-99 ➤ DOE-STD-1073-93 ➤ DOE-STD-6002-96 ➤ DOE-STD-1128-98 ➤ DOE-HDBK-1092-98 ➤ DOE-STD-6003-96 ➤ DOE-HDBK-6004-99 ➤ DOE-STD-3014-96	➤ 10 CFR 835
DOE O 474.1A	Control and Accountability of Nuclear Materials	11/00	➤ DOE-HDBK-1129-99 ➤ DOE-STD-6003-96 ➤ DOE-HDBK-6004-99 ➤ DOE-STD-3013-2000 ➤ DOE-STD-3028-2000	➤ 48 CFR 970.2303 Hazardous Materials Identification and Material Safety
DOE O 473.2	Protective Force Program	6/00	➤ DOE-STD-1091-96 ➤ DOE-STD-3028-2000	➤
DOE O 472.1B	Personnel Security Activities	3/97	➤ DOE-STD-3028-2000	➤
DOE O 471.2A	Information Security Program	3/97	➤ DOE-STD-4001-2000 ➤ DOE-STD-3028-2000	➤
DOE O 470.1	Safeguards and Security Program	9/95 Chg 1 6/96	➤ DOE-STD-4001-2000 ➤ DOE-STD-1128-98 ➤ DOE-STD-3028-2000	➤ 10 CFR 835
DOE O 461.1	Packaging and Transfer or Transportation of Materials of National Security Interest	9/00	➤ DOE-HDBK-1129-99 ➤ DOE-DP-STD-3016 –99 ➤ DOE-STD-1098-99	➤ 10 CFR 835 ➤ 48 CFR 970.2303 Hazardous Materials Identification and Material Safety
DOE O 460.2	Departmental Materials Transportation and Packaging Management	9/95 Chg 1 10/95	➤ DOE-STD-1098-99 ➤ DOE-HDBK-1129-99	➤ 10 CFR 835 ➤ 48 CFR 970.2303 Hazardous Materials Identification and Material Safety
DOE O 460.1	Packaging and Transportation	10/96	➤ DOE-STD-1098-99	➤ 10 CFR 835

	Safety		➤ DOE-HDBK-1129-99 ➤ DOE-STD-1128-98 ➤ DOE-STD-1136-2000	➤ 48 CFR 970.2303 Hazardous Materials Identification and Material Safety
DOE O 452.4	Security and Control of Nuclear Explosives and Nuclear Weapons	6/97	➤ DOE-STD-3015-2001 ➤ DOE-DP-STD-3016-99	➤
DOE O 452.1B	Nuclear Explosive and Weapon Surety Program	8/01	➤ DOE-STD-3015-2001 ➤ DOE-DP-STD-3016-99	➤
DOE O 452.2B	Safety of Nuclear Explosive Operations	8/01	➤ DOE-STD-3015-2001 ➤ DOE-DP-STD-3016-99	➤
DOE O 451.1B	National Environmental Policy Act Compliance Program	10/00 Chg 1 9/01	➤ DOE-STD-1120-98 ➤ DOE-STD-1128-98 ➤ DOE-STD-1136-2000 ➤ DOE-STD-1146-2001 ➤ DOE-STD-6003-96	➤ 10 CFR 835
DOE O 442.1	Department of Energy Employee Concerns Program	6/01	➤ DOE-STD-3006-2000	➤
DOE O 440.1A	Worker Protection Management for DOE Federal and Contractor Employees	3/98 Rev 3/00	➤ DOE-STD-1098-99 ➤ DOE-STD-1027-92 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-1128-98 ➤ DOE-STD-1066-99 ➤ DOE-HDBK-1062-96 ➤ DOE-STD-1088-95 ➤ DOE-STD-1090-01 ➤ DOE-STD-6005-01 ➤ DOE-STD-1120-98 ➤ DOE-STD-1138-2000 ➤ DOE-STD-1137-2000 ➤ DOE-STD-1136-2000 ➤ DOE-HDBK-1139-2000 ➤ DOE-HDBK-1143-2001 ➤ DOE-HDBK-1092-98 ➤ DOE-STD-3006-2000 ➤ DOE-HDBK-3012-96 ➤ DOE-STD-3013-2000 ➤ DOE-STD-3028-2000	➤ 10 CFR 835

DOE O 435.1	Radioactive Waste Management	7/99 Chg 1 8/01	➤ DOE-STD-1098-99 ➤ DOE-STD-1120-98 ➤ DOE-HDBK-1129-99 ➤ DOE-HDBK-1132-99 ➤ DOE-STD-1128-98 ➤ DOE-STD-1136-2000 ➤ DOE-STD-1146-2001	➤ 10 CFR 835 ➤ 48 CFR 970.2303 Hazardous Materials Identification and Material Safety
DOE O 433.1	Maintenance Management Program for DOE Nuclear Facilities	6/01	➤ DOE-STD-1041-93 ➤ DOE-STD-1073-93 ➤ DOE-STD-1120-98 ➤ DOE-STD-1128-98 ➤ DOE-STD-1136-2000 ➤ DOE-HDBK-1140-2001 ➤ DOE-HDBK-1092-98 ➤ DOE-HDBK-6004-99 ➤ DOE-STD-3006-2000 ➤ DOE-STD-1146-2001	➤ 48 CFR 970.5237-2 Facilities Management
DOE O 430.1A	Life Cycle Asset Management	10/98	➤ DOE-STD-1063-2000 ➤ DOE-STD-1073-93 ➤ DOE-HDBK-1132-99 ➤ DOE-STD-1128-98 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-6003-96 ➤ DOE-STD-3006-2000	➤ 10 CFR 835
DOE O 425.1B	Startup and Restart of Nuclear Facilities	12/00	➤ DOE-STD-1063-2000 ➤ DOE-STD-1120-98 ➤ DOE-STD-1135-99 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-6003-96 ➤ DOE-STD-3006-2000 ➤ DOE-DP-STD-3016 -99	48 CFR 970.5237-2 Facilities Management
DOE O 420.1	Facility Safety	10/95 Chg 3 11/00	➤ DOE-STD-1020-94 ➤ DOE-STD-1021-93 ➤ DOE-STD-1022-94 ➤ DOE-STD-1063-2000 ➤ DOE-STD-1066-99 ➤ DOE-HDBK-1062-96	10 CFR 835 48 CFR 970.5237-2 Facilities Management

			➤ DOE-STD-1073-93 ➤ DOE-STD-1088-95 ➤ DOE-STD-1098-99 ➤ DOE-STD-1120-98 ➤ DOE-STD-1134-99 ➤ DOE-HDBK-1129-99 ➤ DOE-HDBK-1132-99 ➤ DOE-STD-1135-99 ➤ DOE-STD-1128-98 ➤ DOE-STD-1137-2000 ➤ DOE-STD-1136-2000 ➤ DOE-HDBK-1140-2001 ➤ DOE-STD-1146-2001 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-6003-96 ➤ DOE-HDBK-6004-99 ➤ DOE-STD-3003-2000 ➤ DOE-STD-3006-2000 ➤ DOE-STD-3007-93 ➤ DOE-STD-3011-94 ➤ DOE-STD-3028-2000	
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DOE O 420.2A	Safety of Accelerator Facilities	1/01	➤ DOE-STD-1027-92 ➤ DOE-STD-1098-99 ➤ DOE-HDBK-1108-97 ➤ DOE-HDBK-1109-97	➤ 48 CFR 970.5237-2 Facilities Management
DOE O 414.1A	Quality Assurance	9/99 Chg 1 7/01	➤ DOE-STD-1098-99 ➤ DOE-STD-1136-2000 ➤ DOE-STD-1146-2001	➤ 10 CFR 830.120 (Subpart A) ➤ 48 CFR 970.7103 (Audit)
DOE O 360.1B	Federal Employee Training	10/01	➤ DOE-STD-1063-2000 ➤ DOE-HDBK-1062-96 ➤ DOE-STD-1107-97 ➤ DOE-HDBK-1101-96	➤
DOE O 232.1A	Occurrence Reporting and Processing of Operations Information	7/97	➤ DOE-NE-STD-1004-92 ➤ DOE-STD-1035-93 ➤ DOE-STD-1045-93 ➤ DOE-STD-1063-2000 ➤ DOE-HDBK-1062-96 ➤ DOE-STD-1098-99 ➤ DOE-HDBK-1116-98 ➤ DOE-HDBK-1117-99 ➤ DOE-STD-1120-98 ➤ DOE-STD-1146-2001 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-3006-2000	
DOE O 231.1	Environment, Safety and Health Reporting	9/95 Chg 2 11/96	➤ DOE-STD-1098-99 ➤ DOE-HDBK-1106-97 ➤ DOE-STD-1128-98 ➤ DOE-STD-1136-2000 ➤ DOE-STD-1138-2000 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-3006-2000 ➤ DOE-DP-STD-3016 -99	10 CFR 835 48 CFR 970.5204-2 (Laws, Regulations, and DOE Directives) ES&H/ISMS
DOE O 225.1A	Accident Investigation	11/97	➤ DOE-HDBK-1101-96	
DOE O 210.1	Performance Indicators and Analysis of Operations Information	9/95 Chg 1 10/95	➤ DOE-STD-1098-99 ➤ DOE-STD-1120-98	
DOE O 200.1	Information Management Program	9/96	➤ DOE-STD-4001-2000 ➤ DOE-HDBK-1117-99	10 CFR 835

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			➤ DOE-STD-1128-98	
DOE 151.1A	Comprehensive Emergency Management System	11/01	➤ DOE-STD-1063-2000 ➤ DOE-HDBK-1062-96 ➤ DOE-HDBK-1099-96 ➤ DOE-STD-1120-98 ➤ DOE-STD-1128-98 ➤ DOE-STD-1138-2000 ➤ DOE-STD-1136-2000 ➤ DOE-HDBK-1139-2000 ➤ DOE-HDBK-1101-96 ➤ DOE-STD-6003-96 ➤ DOE-STD-3006-2000 ➤ DOE-HDBK-3012-96 ➤ DOE-STD-3015 -2001	10 CFR 835