



ANS

American Nuclear Society American National Standards – Sales List

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CURRENT STANDARDS

ANS Designation	Price
ANS-1-2000 (R2019) Conduct of Critical Experiments (Revision of ANS-1-1987; R1992)	\$51
ANS-2.2-2016 (R2020) Earthquake Instrumentation Criteria for Nuclear Power Plants (Supersedes ANS-2.2-2002)	\$178
ANS-2.3-2011 (R2016) Estimating Tornado, Hurricane, and Extreme Straight Line Wind Characteristics at Nuclear Facility Sites (Supersedes ANS-2.3-1983)	\$89
ANS-2.6-2018 Guidelines for Estimating Present & Projecting Future Population Distributions Surrounding Nuclear Facility Sites	\$169
ANS-2.8-2019 Probabilistic Evaluation of External Flood Hazards for Nuclear Facilities	\$239
ANS-2.10-2017 Criteria for Retrieval, Processing, Handling, and Storage of Records from Nuclear Facility Seismic Instrumentation	\$139
ANS-2.15-2013 (R2017) Criteria for Modeling and Calculating Atmospheric Dispersion of Routine Radiological Releases from Nuclear Facilities	\$216
ANS-2.17-2010 (R2016) Evaluation of Subsurface Radionuclide Transport at Commercial Nuclear Power Plants (Supersedes ANS-2.17-1980; R1989)	\$175
ANS-2.21-2012 (R2016) Criteria for Assessing Atmospheric Effects On the Ultimate Heat Sink	\$70
ANS-2.23-2016 (R2020) Nuclear Power Plant Response to an Earthquake (Revision of ANS-2.23-2002; R2009)	\$207
ANS-2.26-2004 (R2017) Categorization of Nuclear Facility Structures, Systems, and Components for Seismic Design	\$151
ANS-2.27-2020 Criteria for Investigations of Nuclear Facility Sites for Seismic Hazard Assessments (revision of ANS-2.27-2008; R2016)	\$181
ANS-2.29-2020 Probabilistic Seismic Hazard Analysis (revision of ANS-2.27-2008; R2016)	\$213
ANS-2.30-2015 (R2020) Criteria for Assessing Tectonic Surface Fault Rupture and Deformation at Nuclear Facilities	\$288
ANS-3.1-2014 (R2020) Selection, Qualification and Training of Personnel for Nuclear Power Plants (Supersedes ANS-3.1-1993; R1999)	\$162

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ANS Designation	Price
ANS-3.2-2012 (R2017) Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants (Revision of ANS-3.2-2006)	\$159
ANS-3.4-2013 (R2018) Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants (Supersedes ANS-3.4-1996; R2002)	\$175
ANS-3.5-2018 Nuclear Power Plant Simulators for Use in Operator Training and Examination (Supersedes ANS-3.5-2009)	\$158
ANS-3.11-2015 (R2020) Determining Meteorological Information at Nuclear Facilities (Revision of ANS-3.11-2005; R2010)	\$278
ANS-5.1-2014 (R2019) Decay Heat Power in Light Water Reactors (Revision of ANS-5.1-2005)	\$212
ANS-5.4-2011 (R2020) Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel (Revision of ANS-5.4-1982)	\$99
ANS-5.10-1998 (R2019) Airborne Release Fractions at Non-Reactor Nuclear Facilities	\$167
ANS-6.1.1-2020 Neutron and Photon Fluence-to-Dose Conversion Coefficients	\$90
ANS-6.1.2-2013 (R2018) Group-Averaged Neutron and Gamma-Ray Cross Sections for Radiation Protection and Shielding Calculations for Nuclear Power Plants (Revision of ANS-6.1.2-1999; R2009)	\$70
ANS-6.3.1-1987 (R2020) Program for Testing Radiation Shields in Light Water Reactors (LWR) (Revision of ANS-6.3.1-1980)	\$99
ANS-6.4-2006 (R2016) Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants (Revision of ANS-6.4-1997; R2004)	\$263
ANS-6.4.2-2006 (R2016) Specification for Radiation Shielding Materials (Revision of ANS-6.4-1985; R1997; R2004)	\$99
ANS-6.6.1-2015 (R2020) Calculation and Measurement of Direct and Scattered Gamma Radiation from LWR Nuclear Power Plants (Revision of ANS-6.6.1-1987; R2007)	\$182
ANS-8.1-2014 (R2018) Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors (Revision of ANS-8.1-1998; R2007)	\$121

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ANS Designation	Price
ANS-8.3-1997 (R2017) Criticality Accident Alarm System (Revision of ANS-8.3-1986)	\$129
ANS-8.5-1996 (R2017) Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber in Solutions of Fissile Material (Revision of ANS-8.5-1986)	\$81
ANS-8.6-1983 (R2017) Safety in Conducting Subcritical Neutron-Multiplication Measurements in Situ (Revision of N16.3-1975)	\$40
ANS-8.7-1998 (R2017) Nuclear Criticality Safety in the Storage of Fissile Materials (Revision of N16.5-1975; R1982; R1987)	\$110
ANS-8.10-2015 (R2020) Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement (Revision of ANS-8.10-1983; R2005)	\$70
ANS-8.12-1987 (R2016) Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors (Revision of ANS-8.12-1978)	\$121
ANS 8.14-2004 (R2016) Use of Soluble Neutron Absorbers in Nuclear Facilities Outside Reactors	\$60
ANS-8.15-2014 (R2019) Nuclear Criticality Control of Selected Actinide Nuclides (Revision of ANS-8.15-1981; R2005)	\$139
ANS-8.17-2004 (R2019) Criticality Safety Criteria for the Handling, Storage, and Transportation of LWR Fuel Outside Reactors (Revision of ANS-8.17-1984; R1997)	\$60
ANS-8.19-2014 (R2019) Administrative Practices for Nuclear Criticality Safety (Revision of ANS-8.19-2005)	\$64
ANS-8.20-1991 (R2020) Nuclear Criticality Safety Training	\$60
ANS-8.21-1995 (R2019) Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors	\$60
ANS-8.22-1997 (R2016) Nuclear Criticality Safety Based on Limiting and Controlling Moderators	\$71
ANS-8.23-2019 Nuclear Criticality Accident Emergency Planning and Response (Revision of ANS-8.23-2007; R2012)	\$168
ANS-8.24-2017 Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations (Revision of ANS-8.24-2007; R2012)	\$155

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ANS Designation	Price
ANS-8.26-2007 (R2016) Criticality Safety Engineer Training and Qualification Program	\$51
ANS-8.27-2015 (R2020) Burnup Credit for LWR Fuel (Revision of ANS-8.27-2008)	\$118
ANS-10.4-2008 (R2016) Verification and Validation of Non-Safety Related Scientific and Engineering Computer Programs for the Nuclear Industry (Revision of ANS-10.4-1987; R1998)	\$164
ANS-10.5-2006 (R2016) Accommodating User Needs in Scientific and Engineering Computer Software Development (Supersedes ANS-10.5-1994)	\$71
ANS-10.7-2013 (R2018) Non-Real Time, High-Integrity Software for the Nuclear Industry—Developer Requirements	\$139
ANS-10.8-2015 Non-Real-Time, High-Integrity Software for the Nuclear Industry—User Requirements	\$153
ANS-14.1-2004 (R2019) Operation of Fast Pulse Reactors (Revision of ANS-14.1-1975; R2000)	\$60
ANS-15.1-2007 (R2018) The Development of Technical Specifications for Research Reactors (Revision of ANS-15.1-1990; R1999)	\$121
ANS-15.2-1999 (R2021) Quality Control for Plate-Type Uranium-Aluminum Fuel Elements (Revision of ANS-15.2-1990)	\$81
ANS-15.4-2016 Selection and Training of Personnel for Research Reactors (Revision of ANS-15.4-2007)	\$118
ANS-15.8-1995 (R2018) Quality Assurance Program Requirements for Research Reactors (Revision of ANS-15.8-1976; R1986)	\$81
ANS-15.11-2016 Radiation Protection at Research Reactor Facilities (Revision of ANS/ANS-15.11-2009)	\$189
ANS-15.16-2015 (R2020) Emergency Planning for Research Reactors (Revision of ANS-15.16-2008)	\$90
ANS-15.21-2012 (R2018) Format and Content for Safety Analysis Reports for Research Reactors (Revision of ANS-15.21-1996; R2006)	\$156
ANS-16.1-2019 Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure (Revision of ANS-16.1-2003; R2017)	\$161
ANS-18.1-2020 Radioactive Source Term for Normal Operation of Light Water Reactors (Supersedes ANS/ANS-18.1-1999)	\$129
ANS-19.1-2019 Nuclear Data Sets for Reactor Design Calculations (Revision of ANS/ANS-19.1-2002; R2011)	\$120

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ANS Designation	Price
ANS-19.3-2011 (R2017) Steady-State Neutronics Methods for Power Reactor Analysis (Revision of ANS-19.3-2005)	\$162
ANS-19.3.4-2002 (R2017) The Determination of Thermal Energy Deposition Rates in Nuclear Reactors (Revision of ANS-19.3.4-1976; R1989)	\$71
ANS-19.4-2017 A Guide for Acquisition and Documentation of Reference Power Reactor Physics Measurements for Nuclear Analysis Verification (Supersedes ANS-19.4-1976; R2000)	\$133
ANS-19.6.1-2019 Reload Startup Physics Tests for Pressurized Water Reactors (Revision of ANS-19.6.1-2011; R2016)	\$159
ANS-19.10-2009 (R2016) Methods for Determining Neutron Fluence in BWR and PWR Pressure Vessel and Reactor Internals	\$68
ANS-19.11-2017 Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Pressurized Water Reactors (Revision of ANS-19.11-1997; R2011)	\$147
ANS-40.37-2009 (R2016) Mobile Low Level Radioactive Waste Processing Systems (Supersedes ANS-40.37-1993)	\$185
ANS-41.5-2012 (R2018) Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation	\$204
ANS-51.10-2020 Auxiliary Feedwater System for Pressurized Water Reactors (Revision of ANS-51.10-1991; R2018)	\$169
ANS-53.1-2011 (R2016) Nuclear Safety Design Process for Modular Helium-Cooled Reactor Plants	\$294
ANS-54.1-2020 Nuclear Safety Criteria and Design Process for Sodium Fast Reactor Nuclear Power Plants	\$184
ANS-55.1-1992 (R2017) Solid Radioactive Waste Processing System for Light-Water-Cooled Reactor Plants (Revision of ANS-55.1-1979)	\$189
ANS-56.8-2020 Containment System Leakage Testing Requirements (Revision of ANS-56.8-2002; R2016)	In Production
ANS-57.1-1992 (R2019) Design Requirements for Light Water Reactor Fuel Handling Systems (Revision of ANS-57.1-1980)	\$89
ANS-57.3-2018 Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants	\$99
ANS-57.8-1995 (R2017) Fuel Assembly Identification (Revision of ANS-57.8-1978; R1987)	\$60
ANS-57.10-1996 (R2021) Design Criteria for Consolidation of LWR Spent Fuel (Revision of ANS-57.10-1987)	\$171

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ANS Designation	Price
ANS-58.8-2019 Time Response Criteria for Manual Actions at Nuclear Power Plants (Revision of ANS-58.8-1994; R2017)	\$109
ANS-58.9-2002 (R2020) Single Failure Criteria for Light Water Reactor Safety-Related Fluid Systems (Same as ANS-58.9-1981; R1987)	\$60
ANS-58.14-2011 (R2017) Safety and Pressure Integrity Classification Criteria for Light Water Reactors (Supersedes ANS-58.14-1993)	\$245
ANS-58.16-2014 (R2020) Safety Categorization and Design Criteria for Nonreactor Nuclear Facilities	\$194
ANS-59.51-1997 (R2020) Fuel Oil Systems for Safety-Related Emergency Diesel Generators (Revision of ANS-59.51-1989)	\$99
ANS-59.52-1998 (R2020) Lubricating Oil Systems for Safety-Related Emergency Diesel Generators	\$89

TRIAL USE STANDARDS

ANS/ASME-58.22-2014 Requirements for Low Power and Shutdown Probabilistic Risk Assessment	\$440
ASME/ANS RA-S-1.2-2014 Severe Accident Progression and Radiological Release (Level 2) PRA Standard for Nuclear Power Plant Applications for Light Water Reactors (LWRs)	\$220
ASME/ANS RA-1.3-2017 Standard for Radiological Accident Offsite Consequence Analysis (Level 3 PRA) to Support Nuclear Installation Applications	\$220
ASME/ANS RA-S-1.4-2021 Probabilistic Risk Assessment for Advanced Non-Light Water Reactor Nuclear Power Plants (revision of ASME/ANS RA-S-1.4-2013)	\$590

HISTORICAL STANDARDS

ANS-1-1987 (R1992) Safety Guide for the Performance of Critical Experiments	\$51
ANS-2.2-2002 Earthquake Instrumentation Criteria for Nuclear Power Plants	\$71
ANS-2.3-1983 (R2009) Standard for Estimating Tornado and Extreme Wind Characteristics at Nuclear Power Sites	\$99
ANS-2.7-1982 Criteria and Guidelines for Assessing Capability for Surface Faulting at Nuclear Power Plant Sites	\$62
ANS-2.8-1992 Determining Design Basis Flooding at Power Reactor Sites	\$217
ANS-2.9-1980 (R1989) Evaluation of Ground Water Supply for Nuclear Power Sites	\$121
ANS-2.10-2003 Criteria for the Handling and Initial Evaluation of Records from Nuclear Power Plant Seismic Instrumentation	\$60

HISTORICAL STANDARDS

ANS Designation	Price
ANS-2.11-1978 (R1989)	\$167
Guidelines for Evaluating Site-Related Geotechnical Parameters at Nuclear Power Sites	
ANS-2.12-1978	\$205
Guidelines for Combining Natural and External Man-Made Hazards at Power Reactor Sites	
ANS-2.13-1979 (R1988)	\$151
Evaluation of Surface-Water Supplies for Nuclear Power Sites	
ANS-2.17-1980 (R1989)	\$139
Evaluation of Radionuclide Transport in Ground Water for Nuclear Power Sites	
ANS-2.19-1981 (R1990)	\$179
Guidelines for Establishing Site-Related Parameters for Site Selection and Design of an Independent Spent Fuel Storage Installation (Water Pool Type)	
ANS-2.23-2002 (R2009)	\$163
Nuclear Plant Response to an Earthquake	
ANS-2.25-1982 (R1989)	\$153
Surveys of Terrestrial Ecology Needed to License Thermal Power Plants (Formerly known as ANS-18.5)	
ANS-2.27-2008 (R2016)	\$153
Criteria for Investigations of Nuclear Facility Sites for Seismic Hazard Assessments	
ANS-2.29-2008 (R2016)	\$175
Probabilistic Seismic Hazard Analysis	
ANS-3.1-1993 (R1999)	\$110
Selection, Qualification, and Training of Personnel for Nuclear Power Plants	
ANS-3.2-2006	\$184
Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants	
ANS-3.3-1988	\$99
Security for Nuclear Power Plants	
ANS-3.4-1996 (R2002)	\$71
Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants	
ANS-3.5-2009	\$153
Nuclear Power Plant Simulators for Use in Operator Training and Examination	
ANS-3.7.1-1995	\$81
Facilities and Medical Care for On-Site Nuclear Power Plant Radiological Emergencies	
ANS-3.8.1-1995	\$139
Criteria for Radiological Emergency Response Functions and Organizations	
ANS-3.8.2-1995	\$81
Criteria for Functional and Physical Characteristics of Radiological Emergency Response Facilities	
ANS-3.8.3-1995	\$71
Criteria for Radiological Emergency Response Plans and Implementing Procedures	
ANS-3.8.4-1995	\$60
Criteria for Maintaining Radiological Emergency Response Capability	
ANS-3.8.5-1992	\$71
Criteria for Emergency Radiological Field Monitoring, Sampling, and Analysis	

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ANS Designation	Price
ANS-3.8.6-1995	\$81
Criteria for the Conduct of Offsite Radiological Assessment for Emergency Response for Nuclear Power Plants	
ANS-3.8.7-1998	\$81
Criteria for Planning, Development, Conduct, and Evaluation of Drills and Exercises for Emergency Preparedness	
ANS-3.11-2005 (R2010)	\$171
Determining Meteorological Information at Nuclear Facilities	
ANS-4.5-1980 (R1986)	\$89
Criteria for Accident Monitoring Functions in Light-Water-Cooled Reactors	
ANS-5.1-2005	\$192
Decay Heat Power in Light Water Reactors	
ANS-5.4-1982	\$60
Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel	
ANS-6.1.1-1991	\$129
Neutron and Gamma-Ray Fluence-to-Dose Factors	
ANS-6.1.2-1999 (R2009)	\$51
Neutron and Gamma-Ray Cross Sections for Nuclear Radiation Protection Calculations for Nuclear Power Plants	
ANS-6.4-1997 (R2004)	\$250
Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants	
ANS-6.4.2-1985 (R2004)	\$240
Specifications for Radiation Shielding Materials	
ANS-6.4.3-1991	\$294
Gamma-Ray Attenuation Coefficients and Buildup Factors for Engineering Materials	
ANS-6.6.1-1987 (R2007)	\$179
Calculation and Measurement of Direct and Scattered Gamma Radiation from LWR Nuclear Power Plants	
ANS/HPSSC-6.8.1-1981	\$89
Location and Design Criteria for Area Radiation Monitoring Systems for Light Water Nuclear Reactors	
ANS/IEEE-7.4.3.2-1982 (R1990)	\$81
Application Criteria for Programmable Digital Computer in Safety Systems of Nuclear Power Generating Stations	
ANS-8.1-1998 (R2007)	\$121
Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors	
ANS-8.3-1986	\$89
Criticality Accident Alarm System	
ANS-8.5-1986	\$81
Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber in Solutions of Fissile Material	
ANS-8.7-1975 (R1987)	\$110
Guide for Nuclear Criticality Safety in the Storage of Fissile Materials (Formerly known as N16.5)	
ANS-8.9-1987 (R1995)	\$71
Nuclear Criticality Safety Criteria for Steel-Pipe Intersections Containing Aqueous Solutions of Fissile Material	

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ANS Designation	Price
ANS-8.10-1983 (R2005)	\$70
Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement	
ANS-8.15-1981 (R2005)	\$110
Nuclear Criticality Control of Special Actinide Elements	
ANS-8.17-1984 (R1997)	\$51
Criticality Safety Criteria for the Handling, Storage and Transportation of LWR Fuel Outside Reactors	
ANS-8.19-2005	\$51
Administrative Practices for Nuclear Criticality Safety	
ANS-8.23-2007 (R2012)	\$151
Nuclear Criticality Accident Emergency Planning and Response (Revision of ANS-8.23-1997)	
ANS-8.24-2007 (R2012)	\$139
Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations	
ANS-8.27-2008	\$54
Burnup Credit for Light Water Reactor Fuel	
ANS-10.2-2000 (R2009)	\$60
Portability of Scientific and Engineering Software	
ANS-10.3-1995	\$70
Documentation of Computer Software	
ANS-10.4-1987 (R1998)	\$175
Guidelines for the Verification and Validation of Scientific and Engineering Computer Programs for the Nuclear Industry	
ANS-10.5-1994	\$71
Accommodating User Needs in Computer Program Development	
ANS-14.1-1975 (R2000)	\$40
Operation of Fast Pulse Reactors (Formerly known as N394)	
ANS-15.1-1990 (R1999)	\$89
The Development of Technical Specifications for Research Reactors	
ANS-15.2-1990	\$71
Quality Control for Plate-Type Uranium-Aluminum Fuel Elements	
ANS-15.4-2007	\$89
Selection and Training of Personnel for Research Reactors (Revision of ANS-15.4-1988; R1999)	
ANS-15.7-1977 (R1986)	\$81
Research Reactor Site Evaluation	
ANS-15.8-1976 (R1986)	\$51
Quality Assurance Program Requirements for Research Reactors (Formerly known as N402)	
ANS-15.10-1994	\$151
Decommissioning of Research Reactors	
ANS-15.11-2009	\$156
Radiation Protection at Research Reactor Facilities	
ANS-15.12-1977	\$40
Design Objectives for and Monitoring of Systems Controlling Research Reactor Effluents	

HISTORICAL STANDARDS

ANS Designation	Price
ANS-15.15-1978 (R1986) Criteria for the Reactor Safety Systems of Research Reactors	\$81
ANS-15.16-2008 Emergency Planning for Research Reactors	\$81
ANS-15.17-1981 (R2000) Fire Protection Program Criteria for Research Reactors	\$60
ANS-15.19-1991 Shipment and Receipt of Special Nuclear Material (SNM) by Research Reactor Facilities	\$121
ANS-15.21-1996 (R2006) Format and Content for Safety Analysis Reports for Research Reactors	\$184
ANS-16.1-2003 (R2017) Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure	\$171
ANS-18.1-1999 Radioactive Source Term for Normal Operation of Light Water Reactors	\$121
ANS-19.1-2002 (R2011) Nuclear Data Sets for Reactor Design Calculations	\$89
ANS-19.3-2005 Determination of Steady-State Neutron Reaction-Rate Distributions and Reactivity of Nuclear Power Reactors	\$153
ANS-19.3.4-1976 (R1989) The Determination of Thermal Energy Deposition Rates in Nuclear Reactors (Formerly known as N676)	\$71
ANS-19.4-1976 (R2000) A Guide for Acquisition and Documentation of Reference Power Reactor Physics Measurements for Nuclear Analysis Verification (Formerly known as N652-1976)	\$99
ANS-19.5-1995 Requirements for Reference Reactor Physics Measurements	\$40
ANS-19.6.1-2011 (R2016) Reload Startup Physics Tests for Pressurized Water Reactors	\$153
ANS-19.11-1997 (R2011) Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Water Moderated Power Reactors	\$121
ANS-40.35-1991 Volume Reduction of Low-Level Radioactive Waste or Mixed Waste	\$139
ANS-40.37-1993 Mobile Radioactive Waste Processing Systems	\$179
ANS-51.1-1983 (R1988) Nuclear Safety Criteria for the Design of Stationary Pressurized Water Reactor Plants	\$266
ANS-51.10-1991 (2018) Auxiliary Feedwater System for Pressurized Water Reactors	\$139

HISTORICAL STANDARDS

ANS Designation	Price
ANS-52.1-1983 (R1988) Nuclear Safety Criteria for the Design of Stationary Boiling Water Reactor Plants	\$263
ANS-54.1-1989 General Safety Design Criteria for a Liquid Metal Reactor Nuclear Power Plant	\$110
ANS-54.2-1985 Design Bases for Facilities for LMFBR Spent Fuel Storage in Liquid Metal Outside the Primary Coolant Boundary	\$89
ANS-54.8-1988 Liquid Metal Fire Protection in LMR Plants	\$99
ANS-55.1-1979 Solid Radioactive Waste Processing System for Light Water Cooled Reactor Plants	\$159
ANS-55.4-1993 (R2007) Gaseous Radioactive Waste Processing Systems for Light Water Reactor Plants	\$163
ANS-55.6-1993 (R2007) Liquid Radioactive Waste Processing System for Light Water Reactor Plants	\$167
ANS-56.2-1984 (R1989) Containment Isolation Provisions for Fluid Systems after a LOCA	\$228
ANS-56.3-1977 (R1987) Overpressure Protection of Low Pressure Systems Connected to the Reactor Coolant Pressure Boundary	\$71
ANS-56.4-1983 (R1988) Pressure and Temperature Transient Analysis for Light Water Reactor Containments	\$175
ANS-56.5-1979 (R1987) PWR and BWR Containment Spray System Design Criteria	\$163
ANS-56.6-1986 Pressurized Water Reactor Containment Ventilation Systems	\$129
ANS-56.7-1978 (R1987) Boiling Water Reactor Containment Ventilation Systems	\$151
ANS-56.8-2002 (R2016) Containment System Leakage Testing Requirements	\$171
ANS-56.10-1982 (R1987) Subcompartment Pressure and Temperature Transient Analysis in LWRs	\$163
ANS-56.11-1988 Design Criteria for Protection Against the Effects of Compartment Flooding in LWR Plants	\$89
ANS-57.1-1980 Design Requirements for Light Water Reactor Fuel Handling Systems	\$89
ANS-57.2-1983 Design Requirements for Light Water Reactor Spent Fuel Storage Facilities at Nuclear Power Plants	\$144
ANS-57.3-1983 Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants	\$81

HISTORICAL STANDARDS

ANS Designation	Price
ANS-57.5-1996 (R2006) Light Water Reactors Fuel Assembly Mechanical Design and Evaluation	\$110
ANS-57.7-1988 (R1997) Design Criteria for an Independent Spent Fuel Storage Installation (Water Pool Type)	\$189
ANS-57.8-1978 (R1987) Fuel Assembly Identification	\$51
ANS-57.9-1992 (R2000) Design Criteria for an Independent Spent Fuel Storage Installation (Dry Type)	\$222
ANS-57.10-1987 Design Criteria for Consolidation of LWR Spent Fuel	\$163
ANS-58.2-1988 Design Basis for Protection of Light Water Nuclear Power Plants Against the Effects of Postulated Pipe Rupture	\$242
ANS-58.3-1992 (R2018) Physical Protection for Nuclear Safety-Related Systems and Components (Revision of ANS-58.3-1977)	\$175
ANS-58.4-1979 Criteria for Technical Specifications for Nuclear Power Stations	\$121
ANS-58.6-1996 (R2001) Criteria for Remote Shutdown for Light Water Reactors	\$71
ANS-58.8-1994 (R2017) Time Response Design Criteria for Safety-Related Operator Actions (Revision of ANS-58.8-1984)	\$110
ANS-58.11-1995 (R2002) Design Criteria for Safe Shutdown Following Selected Design Basis Events in Light Water Reactors	\$89
ANS-58.14-1993 Safety and Pressure Integrity Classification Criteria for Light Water Reactors	\$245
ANS-58.21-2007 External-Events PRA Methodology	\$298
ANS-58.23-2007 Fire PRA Methodology	\$269
ANS-59.1-1986 Nuclear Safety Related Cooling Water Systems for Light Water Reactors	\$89
ANS-59.2-1985 Safety Criteria for HVAC Systems Located Outside Primary Containment	\$153
ANS-59.3-1992 (R2002) Nuclear Safety Criteria for Control Air Systems	\$71
ANS-59.51-1989 Fuel Oil Systems for Emergency Diesel Generators	\$99