



# American Nuclear Society – American National Standards

## Sales List

All standards listed are available as individual publications in print and electronic format.

### CURRENT STANDARDS

ANS Designation	Order #	Price
<a href="#">ANS-1-2000 (R2012)</a> Conduct of Critical Experiments (Revision of ANS-1-1987; R1992)	240242	\$44.00
<a href="#">ANS-2.2-2016</a> Earthquake Instrumentation Criteria for Nuclear Power Plants	240315	\$155.00
<a href="#">ANS-2.3-2011 (R2016)</a> Estimating Tornado, Hurricane, and Extreme Straight Line Wind Characteristics at Nuclear Facility Sites (Supersedes ANS-2.3-1983)	240283	\$77.00
<a href="#">ANS-2.15-2013</a> Criteria for Modeling and Calculating Atmospheric Dispersion of Routine Radiological Releases from Nuclear Facilities	240293	\$188.00
<a href="#">ANS-2.17-2010 (R2016)</a> Evaluation of Subsurface Radionuclide Transport at Commercial Nuclear Power Plants (Supersedes ANS-2.17-1980; R1989)	240281	\$152.00
<a href="#">ANS-2.21-2012 (R2016)</a> Criteria for Assessing Atmospheric Effects On the Ultimate Heat Sink	240290	\$61.00
<a href="#">ANS-2.23-2016</a> Nuclear Power Plant Response to an Earthquake (revision of ANS-2.23-2002; R2009)	240312	\$180.00
<a href="#">ANS-2.26-2004 (R2010)</a> Categorization of Nuclear Facility Structures, Systems, and Components for Seismic Design	240255	\$131.00
<a href="#">ANS-2.27-2008 (R2016)</a> Criteria for Investigations of Nuclear Facility Sites for Seismic Hazard Assessments	240274	\$133.00
<a href="#">ANS-2.29-2008 (R2016)</a> Probabilistic Seismic Hazard Analysis	240275	\$152.00
<a href="#">ANS-2.30-2015</a> Criteria for Assessing Tectonic Surface Fault Rupture and Deformation at Nuclear Facilities	240307	\$250.00
<a href="#">ANS-3.1-2014</a> Selection, Qualification and Training of Personnel for Nuclear Power Plants (Supersedes ANS-3.1-1993; R1999)	240303	\$141.00
<a href="#">ANS-3.2-2012</a> Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants (Revision of ANS-3.2-2006)	240287	\$138.00
<a href="#">ANS-3.4-2013</a> Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants (Supersedes ANS-3.4-1996; R2002)	240294	\$152.00
<a href="#">ANS-3.5-2009</a> Nuclear Power Plant Simulators for Use in Operator Training and Examination (Supersedes ANS-3.5-1998)	240271	\$133.00
<a href="#">ANS-3.11-2015</a> Determining Meteorological Information at Nuclear Facilities (Revision of ANS-3.11-2005;R2010)	240308	\$242.00

### CURRENT STANDARDS

ANS Designation	Order #	Price
<a href="#">ANS-5.1-2014</a> Decay Heat Power in Light Water Reactors (Revision of ANS-5.1-2005)	240302	\$184.00
<a href="#">ANS-5.4-2011</a> Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel (Revision of ANS-5.4-1982)	240285	\$86.00
<a href="#">ANS-5.10-1998 (R2013)</a> Airborne Release Fractions at Non-Reactor Nuclear Facilities	240233	\$145.00
<a href="#">ANS-6.1.2-2013</a> 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)	240295	\$61.00
<a href="#">ANS-6.3.1-1987 (R2015)</a> Program for Testing Radiation Shields in Light Water Reactors (LWR)  (Revision of ANS-6.3.1-1980)	240158	\$86.00
<a href="#">ANS-6.4-2006 (R2016)</a> Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants (Revision of ANS-6.4-1997; R2004)	240264	\$229.00
<a href="#">ANS-6.4.2-2006 (R2016)</a> Specification for Radiation Shielding Materials (Revision of ANS-6.4-1985; R1997; R2004)	240263	\$86.00
<a href="#">ANS-6.6.1-2015</a> Calculation and Measurement of Direct and Scattered Gamma Radiation from LWR Nuclear Power Plants (Revision of ANS-6.6.1-1987; R2007)	240309	\$158.00
<a href="#">ANS-8.1-2014</a> Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors (Revision of ANS-8.1-1998; R2007)	240297	\$105.00
<a href="#">ANS-8.3-1997 (R2012)</a> Criticality Accident Alarm System (Revision of ANS-8.3-1986)	240224	\$112.00
<a href="#">ANS-8.5-1996 (R2012)</a> Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber in Solutions of Fissile Material (Revision of ANS-8.5-1986)	240220	\$70.00
<a href="#">ANS-8.6-1983 (R2010)</a> Safety in Conducting Subcritical Neutron-Multiplication Measurements in Situ (Revision of N16.3-1975)	240119	\$35.00
<a href="#">ANS-8.7-1998 (R2012)</a> Nuclear Criticality Safety in the Storage of Fissile Materials (Revision of N16.5-1975; R1982; R1987)	240235	\$96.00
<a href="#">ANS-8.10-2015</a> Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement (Revision of ANS-8.10-1983; R2005)	240306	\$61.00
<a href="#">ANS-8.12-1987 (R2016)</a> Nuclear Criticality Control and Safety of Plutonium-Uranium Fuel Mixtures Outside Reactors (Revision of ANS-8.12-1978)	240163	\$105.00
<a href="#">ANS 8.14-2004 (R2016)</a> Use of Soluble Neutron Absorbers in Nuclear Facilities Outside Reactors	240253	\$52.00

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ANS Designation	Order #	Price
<a href="#">ANS-8.15-2014</a> Nuclear Criticality Control of Selected Actinide Nuclides (Revision of ANS-8.15-1981; R2005)	240301	\$121.00
<a href="#">ANS-8.17-2004 (R2014)</a> Criticality Safety Criteria for the Handling, Storage, and Transportation of LWR Fuel Outside Reactors (Revision of ANS-8.17-1984; R1997)	240254	\$52.00
<a href="#">ANS-8.19-2014</a> Administrative Practices for Nuclear Criticality Safety (Revision of ANS-8.19-2005)	240298	\$56.00
<a href="#">ANS-8.20-1991 (R2015)</a> Nuclear Criticality Safety Training	240178	\$52.00
<a href="#">ANS-8.21-1995 (R2011)</a> Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors	240204	\$52.00
<a href="#">ANS-8.22-1997 (R2016)</a> Nuclear Criticality Safety Based on Limiting and Controlling Moderators	240227	\$62.00
<a href="#">ANS-8.23-2007 (R2012)</a> Nuclear Criticality Accident Emergency Planning and Response (Revision of ANS-8.23-1997)	240269	\$131.00
<a href="#">ANS-8.24-2007 (R2012)</a> Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations	240266	\$121.00
<a href="#">ANS-8.26-2007 (R2016)</a> Criticality Safety Engineer Training and Qualification Program	240268	\$44.00
<a href="#">ANS-8.27-2015</a> Burnup Credit for Light Water Reactor Fuel (revision of ANS-8.27-2008)	240310	\$103.00
<a href="#">ANS-10.2-2000 (R2009)</a> Portability of Scientific and Engineering Software (Revision of ANS-10.2-1988)	240243	\$52.00
<a href="#">ANS-10.4-2008 (R2016)</a> Verification and Validation of Non-Safety Related Scientific and Engineering Computer Programs for the Nuclear Industry (Revision of ANS-10.4-1987; R1998)	240277	\$143.00
<a href="#">ANS-10.5-2006 (R2016)</a> Accommodating User Needs in Scientific and Engineering Computer Software Development (Supersedes ANS-10.5-1994)	240261	\$62.00
<a href="#">ANS-10.7-2013</a> Non-Real Time, High-Integrity Software for the Nuclear Industry—Developer Requirements	240292	\$121.00
<a href="#">ANS-10.8-2015</a> Non-Real-Time, High-Integrity Software for the Nuclear Industry—User Requirements	240311	\$133.00
<a href="#">ANS-14.1-2004 (R2014)</a> Operation of Fast Pulse Reactors (Revision of ANS-14.1-1975; R2000)	240252	\$52.00
<a href="#">ANS-15.1-2007 (R2013)</a> The Development of Technical Specifications for Research Reactors (Revision of ANS-15.1-1990; R1999)	240267	\$105.00

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ANS Designation	Order #	Price
<a href="#">ANS-15.2-1999 (R2016)</a> Quality Control for Plate-Type Uranium-Aluminum Fuel Elements (Revision of ANS-15.2-1990)	240237	\$70.00
<a href="#">ANS-15.4-2016</a> Selection and Training of Personnel for Research Reactors (Revision of ANS-15.4-2007)	240313	\$103.00
<a href="#">ANS-15.8-1995 (R2013)</a> Quality Assurance Program Requirements for Research Reactors (Revision of ANS-15.8-1976; R1986)	240215	\$70.00
<a href="#">ANS-15.11-2016</a> Radiation Protection at Research Reactor Facilities (Revision of ANSI/ANS-15.11-2009)	240314	\$164.00
<a href="#">ANS-15.16-2015</a> Emergency Planning for Research Reactors (Revision of ANS-15.16-2008)	240305	\$78.00
<a href="#">ANS-15.21-2012</a> Format and Content for Safety Analysis Reports for Research Reactors (Revision of ANS-15.21-1996; R2006)	240291	\$136.00
<a href="#">ANS-16.1-2003 (R2017)</a> Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure (Revision of ANS-16.1-1986)	240249	\$149.00
<a href="#">ANS-18.1-2016</a> Radioactive Source Term for Normal Operation of Light Water Reactors (Supersedes ANSI/ANS-18.1-1999)	240316	\$112.00
<a href="#">ANS-19.1-2002 (R2011)</a> Nuclear Data Sets for Reactor Design Calculations (Revision of ANSI/ANS-19.1-1983; R1989)	240250	\$77.00
<a href="#">ANS-19.3-2011</a> Steady-State Neutronics Methods for Power Reactor Analysis (Revision of ANS-19.3-2005)	240286	\$141.00
<a href="#">ANS-19.3.4-2002 (R2008)</a> The Determination of Thermal Energy Deposition Rates in Nuclear Reactors (Revision of ANS-19.3.4-1976; R1983; R1989)	240245	\$62.00
<a href="#">ANS-19.6.1-2011 (R2016)</a> Reload Startup Physics Tests for Pressurized Water Reactors (Revision of ANS-19.6.1-2005)	240282	\$133.00
<a href="#">ANS-19.10-2009 (R2016)</a> Methods for Determining Neutron Fluence in BWR and PWR Pressure Vessel and Reactor Internals	240278	\$59.00
<a href="#">ANS-19.11-1997 (R2011)</a> Calculation and Measurement of the Moderator Temperature Coefficient of Reactivity for Water Moderated Power Reactors	240226	\$105.00
<a href="#">ANS-40.37-2009 (R2016)</a> Mobile Low Level Radioactive Waste Processing Systems (Supersedes ANS-40.37-1993)	240280	\$161.00
<a href="#">ANS-41.5-2012</a> Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation	240288	\$177.00
<a href="#">ANS-51.10-1991 (R2008)</a> Auxiliary Feedwater System for Pressurized Water Reactors (Revision of ANS-51.10-1979)	240177	\$121.00
<a href="#">ANS-53.1-2011 (R2016)</a> Nuclear Safety Design Process for Modular Helium-Cooled Reactor Plants	240289	\$256.00

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ANS Designation	Order #	Price
<a href="#">ANS-55.1-1992 (R2009)</a> Solid Radioactive Waste Processing System for Light-Water-Cooled Reactor Plants (Revision of ANS-55.1-1979)	240193	\$164.00
<a href="#">ANS-55.4-1993 (R2007)</a> Gaseous Radioactive Waste Processing Systems for Light Water Reactor Plants (Revision of ANS-55.4-1979)	240194	\$142.00
<a href="#">ANS-55.6-1993 (R2007)</a> Liquid Radioactive Waste Processing System for Light Water Reactor Plants (Revision of ANS-55.6-1979)	240195	\$145.00
<a href="#">ANS-56.8-2002 (R2016)</a> Containment System Leakage Testing Requirements (Revision of ANS-56.8-1994)	240247	\$149.00
<a href="#">ANS-57.1-1992 (R2015)</a> Design Requirements for Light Water Reactor Fuel Handling Systems (Revision of ANS-57.1-1980)	240186	\$77.00
<a href="#">ANS-57.8-1995 (R2011)</a> Fuel Assembly Identification (Revision of ANS-57.8-1978; R1987)	240205	\$52.00
<a href="#">ANS-57.10-1996 (R2016)</a> Design Criteria for Consolidation of LWR Spent Fuel (Revision of ANS-57.10-1987)	240221	\$149.00
<a href="#">ANS-58.3-1992 (R2008)</a> Physical Protection for Nuclear Safety-Related Systems and Components (Revision of ANS-58.3-1977)	240184	\$152.00
<a href="#">ANS-58.8-1994 (R2008)</a> Time Response Design Criteria for Safety-Related Operator Actions (Revision of ANS-58.8-1984)	240202	\$96.00
<a href="#">ANS-58.9-2002 (R2015)</a> Single Failure Criteria for Light Water Reactor Safety-Related Fluid Systems (Same as ANS-58.9-1981; R1987)	240091	\$52.00
<a href="#">ANS-58.14-2011 (R2017)</a> Safety and Pressure Integrity Classification Criteria for Light Water Reactors (Supersedes ANS-58.14-1993)	240284	\$213.00
<a href="#">ANS-58.16-2014</a> Safety Categorization and Design Criteria for Nonreactor Nuclear Facilities	240299	\$169.00
<a href="#">ANS-59.51-1997 (R2015)</a> Fuel Oil Systems for Safety-Related Emergency Diesel Generators (Revision of ANS-59.51-1989)	240229	\$86.00
<a href="#">ANS-59.52-1998 (R2015)</a> Lubricating Oil Systems for Safety-Related Emergency Diesel Generators	240232	\$77.00

**TRIAL USE STANDARDS**

ANS Designation	Order #	Price
<a href="#">ANS/ASME-58.22-2014</a> Requirements for Low Power and Shutdown Probabilistic Risk Assessment	240304	\$400.00
<a href="#">ASME/ANS RA-S-1.2-2014</a> Severe Accident Progression and Radiological Release (Level 2) PRA Standard for Nuclear Power Plant Applications for Light Water Reactors (LWRs)	240300	\$195.00
<a href="#">ASME/ANS RA-S-1.4-2013</a> Probabilistic Risk Assessment Standard for Advanced Non-LWR Nuclear Power Plants	240296	\$500.00

**HISTORICAL STANDARDS**

ANS Designation	Order #	Price
<a href="#">ANS-1-1987 (R1992)</a> Safety Guide for the Performance of Critical Experiments	240159	\$44.00
<a href="#">ANS-2.2-2002</a> Earthquake Instrumentation Criteria for Nuclear Power Plants	240246	\$62.00
<a href="#">ANS-2.3-1983</a> Standard for Estimating Tornado and Extreme Wind Characteristics at Nuclear Power Sites	240122	\$86.00
<a href="#">ANS-2.7-1982</a> Criteria and Guidelines for Assessing Capability for Surface Faulting at Nuclear Power Plant Sites	240105	\$62.00
<a href="#">ANS-2.8-1992</a> Determining Design Basis Flooding at Power Reactor Sites	240183	\$189.00
<a href="#">ANS-2.9-1980 (R1989)</a> Evaluation of Ground Water Supply for Nuclear Power Sites	240005	\$105.00
<a href="#">ANS-2.10-2003</a> Criteria for the Handling and Initial Evaluation of Records from Nuclear Power Plant Seismic Instrumentation	240251	\$52.00
<a href="#">ANS-2.11-1978 (R1989)</a> Guidelines for Evaluating Site-Related Geotechnical Parameters at Nuclear Power Sites	240007	\$145.00
<a href="#">ANS-2.12-1978</a> Guidelines for Combining Natural and External Man-Made Hazards at Power Reactor Sites	240008	\$178.00
<a href="#">ANS-2.13-1979 (R1988)</a> Evaluation of Surface-Water Supplies for Nuclear Power Sites	240009	\$131.00
<a href="#">ANS-2.17-1980 (R1989)</a> Evaluation of Radionuclide Transport in Ground Water for Nuclear Power Sites	240010	\$121.00
<a href="#">ANS-2.19-1981 (R1990)</a> Guidelines for Establishing Site-Related Parameters for Site Selection and Design of an Independent Spent Fuel Storage Installation (Water Pool Type)	240094	\$1156.00
<a href="#">ANS-2.23-2009</a> Nuclear Plant Response to an Earthquake	240244	\$142.00
<a href="#">ANS-2.25-1982 (R1989)</a> Surveys of Terrestrial Ecology Needed to License Thermal Power Plants (Formerly known as ANS-18.5)	240110	\$133.00
<a href="#">ANS-3.1-1993 (R1999)</a> Selection, Qualification, and Training of Personnel for Nuclear Power Plants	240188	\$96.00
<a href="#">ANS-3.2-2006</a> Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants	240262	\$160.00
<a href="#">ANS-3.3-1988</a> Security for Nuclear Power Plants	240169	\$86.00
<a href="#">ANS-3.4-1996 (R2002)</a> Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants	240218	\$62.00
<a href="#">ANS-3.5-1998</a> Nuclear Power Plant Simulators for Use in Operator Training and Examination	240231	\$121.00

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ANS Designation	Order #	Price
<a href="#">ANS-3.7.1-1995</a>	240213	\$70.00
Facilities and Medical Care for On-Site Nuclear Power Plant Radiological Emergencies		
<a href="#">ANS-3.8.1-1995</a>	240208	\$121.00
Criteria for Radiological Emergency Response Functions and Organizations		
<a href="#">ANS-3.8.2-1995</a>	240209	\$70.00
Criteria for Functional and Physical Characteristics of Radiological Emergency Response Facilities		
<a href="#">ANS-3.8.3-1995</a>	240210	\$70.00
Criteria for Radiological Emergency Response Plans and Implementing Procedures		
<a href="#">ANS-3.8.4-1995</a>	240211	\$52.00
Criteria for Maintaining Radiological Emergency Response Capability		
<a href="#">ANS-3.8.5-1992</a>	240190	\$62.00
Criteria for Emergency Radiological Field Monitoring, Sampling, and Analysis		
<a href="#">ANS-3.8.6-1995</a>	240212	\$70.00
Criteria for the Conduct of Offsite Radiological Assessment for Emergency Response for Nuclear Power Plants		
<a href="#">ANS-3.8.7-1998</a>	240230	\$70.00
Criteria for Planning, Development, Conduct, and Evaluation of Drills and Exercises for Emergency Preparedness		
<a href="#">ANS-3.11-2005 (R2010)</a>	240260	\$149.00
Determining Meteorological Information at Nuclear Facilities (Revision of ANS-3.11-2000)		
<a href="#">ANS-4.5-1980 (R1986)</a>	240020	\$77.00
Criteria for Accident Monitoring Functions in Light-Water-Cooled Reactors		
<a href="#">ANS-5.1-2005</a>	240256	\$167.00
Decay Heat Power in Light Water Reactors		
<a href="#">ANS-5.4-1982</a>	240107	\$52.00
Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel		
<a href="#">ANS-6.1.1-1991</a>	240179	\$112.00
Neutron and Gamma-Ray Fluence-to-Dose Factors		
<a href="#">ANS-6.1.2-1999 (R2009)</a>	240236	\$44.00
Neutron and Gamma-Ray Cross Sections for Nuclear Radiation Protection Calculations for Nuclear Power Plants		
<a href="#">ANS-6.4-1997 (R2004)</a>	240223	\$217.00
Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants		
<a href="#">ANS-6.4.2-1985 (R2004)</a>	240136	\$209.00
Specifications for Radiation Shielding Materials		
<a href="#">ANS-6.4.3-1991</a>	240180	\$2256.00
Gamma-Ray Attenuation Coefficients and Buildup Factors for Engineering Materials		
<a href="#">ANS-6.6.1-1987 (R2007)</a>	240153	\$156.00
Calculation and Measurement of Direct and Scattered Gamma Radiation from LWR Nuclear Power Plants		
<a href="#">ANS/HPSSC-6.8.1-1981</a>	240089	\$77.00
Location and Design Criteria for Area Radiation Monitoring Systems for Light Water Nuclear Reactors		

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ANS Designation	Order #	Price
<a href="#">ANS-8.1-1998 (R2007)</a>	240234	\$105.00
Nuclear Criticality Safety in Operations with Fissionable Materials Outside Reactors		
<a href="#">ANS-8.3-1986</a>	240147	\$77.00
Criticality Accident Alarm System		
<a href="#">ANS-8.5-1986</a>	240142	\$70.00
Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber in Solutions of Fissile Material		
<a href="#">ANS-8.7-1975 (R1987)</a>	240031	\$96.00
Guide for Nuclear Criticality Safety in the Storage of Fissile Materials (Formerly known as N16.5)		
<a href="#">ANS-8.9-1987 (R1995)</a>	240149	\$62.00
Nuclear Criticality Safety Criteria for Steel-Pipe Intersections Containing Aqueous Solutions of Fissile Material		
<a href="#">ANS-8.10-1983 (R2005)</a>	240123	\$61.00
Criteria for Nuclear Criticality Safety Controls in Operations with Shielding and Confinement		
<a href="#">ANS-8.15-1981 (R2005)</a>	240102	\$96.00
Nuclear Criticality Control of Special Actinide Elements		
<a href="#">ANS-8.17-1984 (R1997)</a>	240126	\$44.00
Criticality Safety Criteria for the Handling, Storage and Transportation of LWR Fuel Outside Reactors		
<a href="#">ANS-8.19-2005</a>	240257	\$44.00
Administrative Practices for Nuclear Criticality Safety		
<a href="#">ANS-8.23-1997</a>	240228	\$52.00
Nuclear Criticality Accident Emergency Planning and Response		
<a href="#">ANS-8.27-2008</a>	240273	\$52.00
Burnup Credit for Light Water Reactor Fuel		
<a href="#">ANS-10.2-1988</a>	240164	\$52.00
Recommended Programming Practices to Facilitate the Portability of Scientific and Engineering Computer Programs		
<a href="#">ANS-10.3-1995</a>	240201	\$61.00
Documentation of Computer Software		
<a href="#">ANS-10.4-1987 (R1998)</a>	240150	\$152.00
Guidelines for the Verification and Validation of Scientific and Engineering Computer Programs for the Nuclear Industry		
<a href="#">ANS-10.5-1994</a>	240196	\$62.00
Accommodating User Needs in Computer Program Development		
<a href="#">ANS-14.1-1975 (R2000)</a>	240040	\$35.00
Operation of Fast Pulse Reactors (Formerly known as N394)		
<a href="#">ANS-15.1-1990 (R1999)</a>	240176	\$77.00
The Development of Technical Specifications for Research Reactors		
<a href="#">ANS-15.2-1990</a>	240175	\$62.00
Quality Control for Plate-Type Uranium-Aluminum Fuel Elements		
<a href="#">ANS-15.4-2007</a>	240272	\$77.00
Selection and Training of Personnel for Research Reactors (Revision of ANS-15.4-1988; R1999)		
<a href="#">ANS-15.7-1977 (R1986)</a>	240046	\$70.00
Research Reactor Site Evaluation		

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<a href="#">ANS-15.8-1976 (R1986)</a>	240047	\$44.00
Quality Assurance Program Requirements for Research Reactors (Formerly known as N402)		
<a href="#">ANS-15.10-1994</a>	240199	\$131.00
Decommissioning of Research Reactors		
<a href="#">ANS-15.11-2009</a>	240279	\$136.00
Radiation Protection at Research Reactor Facilities		
<a href="#">ANS-15.12-1977</a>	240049	\$35.00
Design Objectives for and Monitoring of Systems Controlling Research Reactor Effluents		
<a href="#">ANS-15.15-1978 (R1986)</a>	240050	\$70.00
Criteria for the Reactor Safety Systems of Research Reactors		
<a href="#">ANS-15.16-2008</a>	240276	\$70.00
Emergency Planning for Research Reactors		
<a href="#">ANS-15.17-1981 (R2000)</a>	240096	\$52.00
Fire Protection Program Criteria for Research Reactors		
<a href="#">ANS-15.19-1991</a>	240181	\$105.00
Shipment and Receipt of Special Nuclear Material (SNM) by Research Reactor Facilities		
<a href="#">ANS-15.21-1996 (R2006)</a>	240222	\$160.00
Format and Content for Safety Analysis Reports for Research Reactors		
<a href="#">ANS-16.1-1986</a>	240148	\$158.00
Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure		
<a href="#">ANS-18.1-1999</a>	240238	\$105.00
Radioactive Source Term for Normal Operation of Light Water Reactors		
<a href="#">ANS-19.1-1983 (R1989)</a>	240121	\$70.00
Nuclear Data Sets for Reactor Design Calculations		
<a href="#">ANS-19.3-2005</a>	240258	\$133.00
Determination of Steady-State Neutron Reaction-Rate Distributions and Reactivity of Nuclear Power Reactors		
<a href="#">ANS-19.3.4-1976 (R1989)</a>	240056	\$62.00
The Determination of Thermal Energy Deposition Rates in Nuclear Reactors (Formerly N676)		
<a href="#">ANS-19.4-1976 (R2000)</a>	240057	\$86.00
A Guide for Acquisition and Documentation of Reference Power Reactor Physics Measurements for Nuclear Analysis Verification (Formerly known as N652-1976)		
<a href="#">ANS-19.5-1995</a>	240206	\$35.00
Requirements for Reference Reactor Physics Measurements		
<a href="#">ANS-19.6.1-2005</a>	240259	\$131.00
Reload Startup Physics Tests for Pressurized Water Reactors		
<a href="#">ANS-40.35-1991</a>	240182	\$121.00
Volume Reduction of Low-Level Radioactive Waste or Mixed Waste		
<a href="#">ANS-40.37-1993</a>	240192	\$156.00
Mobile Radioactive Waste Processing Systems		
<a href="#">ANS-51.1-1983 (R1988)</a>	240116	\$231.00
Nuclear Safety Criteria for the Design of Stationary Pressurized Water Reactor Plants		
<a href="#">ANS-51.10-1979</a>	240062	\$121.00
Auxiliary Feedwater System for Pressurized Water Reactors		

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ANS Designation	Order #	Price
<a href="#"><u>ANS-52.1-1983 (R1988)</u></a>	240117	\$229.00
Nuclear Safety Criteria for the Design of Stationary Boiling Water Reactor Plants		
<a href="#"><u>ANS-54.1-1989</u></a>	240171	\$96.00
General Safety Design Criteria for a Liquid Metal Reactor Nuclear Power Plant		
<a href="#"><u>ANS-54.2-1985</u></a>	240138	\$77.00
Design Bases for Facilities for LMFBR Spent Fuel Storage in Liquid Metal Outside the Primary Coolant Boundary		
<a href="#"><u>ANS-54.8-1988</u></a>	240168	\$86.00
Liquid Metal Fire Protection in LMR Plants		
<a href="#"><u>ANS-55.1-1979</u></a>	240065	\$138.00
Solid Radioactive Waste Processing System for Light Water Cooled Reactor Plants		
<a href="#"><u>ANS-55.4-1979</u></a>	240066	\$178.00
Gaseous Radioactive Waste Processing System for Light Water Reactor Plants		
<a href="#"><u>ANS-55.6-1979</u></a>	240067	\$164.00
Liquid Radioactive Waste Processing System for Light Water Reactor Plants		
<a href="#"><u>ANS-56.2-1984 (R1989)</u></a>	240135	\$198.00
Containment Isolation Provisions for Fluid Systems after a LOCA		
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Overpressure Protection of Low Pressure Systems Connected to the Reactor Coolant Pressure Boundary		
<a href="#"><u>ANS-56.4-1983 (R1988)</u></a>	240127	\$152.00
Pressure and Temperature Transient Analysis for Light Water Reactor Containments		
<a href="#"><u>ANS-56.5-1979 (R1987)</u></a>	240070	\$112.00
PWR and BWR Containment Spray System Design Criteria		
<a href="#"><u>ANS-56.6-1986</u></a>	240146	\$112.00
Pressurized Water Reactor Containment Ventilation Systems		

**HISTORICAL STANDARDS**

ANS Designation	Order #	Price
<a href="#"><u>ANS-56.7-1978 (R1987)</u></a>	240072	\$131.00
Boiling Water Reactor Containment Ventilation Systems		
<a href="#"><u>ANS-56.8-1994</u></a>	240197	\$149.00
Containment System Leakage Testing Requirements		
<a href="#"><u>ANS-56.10-1982 (R1987)</u></a>	240109	\$142.00
Subcompartment Pressure and Temperature Transient Analysis in LWRs		
<a href="#"><u>ANS-57.3-1983</u></a>	240112	\$70.00
Design Requirements for New Fuel Storage Facilities at Light Water Reactor Plants		
<a href="#"><u>ANS-57.5-1996 (R2006)</u></a>	240217	\$96.00
Light Water Reactors Fuel Assembly Mechanical Design and Evaluation (Revision of ANS-57.5-1981)		
<a href="#"><u>ANS-57.7-1988 (R1997)</u></a>	240170	\$164.00
Design Criteria for an Independent Spent Fuel Storage Installation (Water Pool Type)		
<a href="#"><u>ANS-57.8-1978 (R1987)</u></a>	240078	\$44.00
Fuel Assembly Identification		
<a href="#"><u>ANS-57.9-1992 (R2000)</u></a>	240185	\$193.00
Design Criteria for an Independent Spent Fuel Storage Installation (Dry Type)		
<a href="#"><u>ANS-57.10-1987</u></a>	240162	\$142.00
Design Criteria for Consolidation of LWR Spent Fuel		
<a href="#"><u>ANS-58.2-1988</u></a>	240167	\$210.00
Design Basis for Protection of Light Water Nuclear Power Plants Against the Effects of Postulated Pipe Rupture		
<a href="#"><u>ANS-58.3-1977</u></a>	240080	\$121.00
Physical Protection for Systems and Components Important to Safety (Formerly known as N182)		
<a href="#"><u>ANS-58.4-1979</u></a>	240081	\$105.00
Criteria for Technical Specifications for Nuclear Power Stations		
<a href="#"><u>ANS-58.6-1996 (R2001)</u></a>	240214	\$62.00
Criteria for Remote Shutdown for Light Water Reactors		

**HISTORICAL STANDARDS**

ANS Designation	Order #	Price
<a href="#"><u>ANS-58.8-1984</u></a>	240131	\$77.00
Time Response Design Criteria for Nuclear Safety Related Operator Actions		
<a href="#"><u>ANS-58.11-1995 (R2002)</u></a>	240207	\$77.00
Design Criteria for Safe Shutdown Following Selected Design Basis Events in Light Water Reactors		
<a href="#"><u>ANS-58.14-1993</u></a>	240203	\$213.00
Safety and Pressure Integrity Classification Criteria for Light Water Reactors		
<a href="#"><u>ANS-58.21-2007</u></a>	240265	\$259.00
External-Events PRA Methodology		
<a href="#"><u>ANS-58.23-2007</u></a>	240270	\$234.00
Fire PRA Methodology		
<a href="#"><u>ANS-59.1-1986</u></a>	240143	\$77.00
Nuclear Safety Related Cooling Water Systems for Light Water Reactors		
<a href="#"><u>ANS-59.2-1985</u></a>	240141	\$133.00
Safety Criteria for HVAC Systems Located Outside Primary Containment		
<a href="#"><u>ANS-59.3-1992 (R2002)</u></a>	240187	\$62.00
Nuclear Safety Criteria for Control Air Systems		
<a href="#"><u>ANS-59.51-1989</u></a>	240173	\$86.00
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