

ADDITIONAL HISTORICAL STANDARDS AVAILABLE FOR PURCHASE

To order any of the below listed historical drafts and standards, complete the provided order form or contact the ANS Order Department (708-579-8210 or orders@ans.org)

ANS-1-1975;R1981 (N405) , "Safety Guide for the Performance of Critical Experiments"	\$31
ANS-1-1972 (ANS.STD. 1) , "Safety Guide for the Performance of Critical Experiments"	\$31
ANS-1-1967 (ANS.STD. 1) "A Code of Good Practices for the Performance of Critical Experiments"	\$12
ANS-2.1 (1971 DRAFT) , "Guidelines for Determining the Operating Basis Earthquake and Associated Vibratory Ground Motion"	\$50
ANS-2-2-1978 , "Earthquake Instrumentation Criteria for Nuclear Power Plants"	\$56
ANS-2-2-1974 (N18.5) , "Earthquake Instrumentation Criteria for Nuclear Power Plants"	\$50
ANS-2.2 (1971 DRAFT) , "Earthquake Instrumentation Criteria for Nuclear Power Plants"	\$50
ANS-2.8-1981 , "Determining Design Basis Flooding at Power Reactor Sites"	\$131
ANS-2.8-1976 (N170) , "Standards for Determining Design Basis Flooding at Power Reactor Sites"	\$125
ANS-3.1-1987 , "Selection, Qualification and Training of Personnel for Nuclear Power Plants"	\$75
ANS-3.1-1981 , "Selection, Qualification, and Training of Personnel for Nuclear Power Plants"	\$94
ANS-3.1-1978 , "Selection and Training of Nuclear Power Plant Personnel"	\$62
ANS-3.1-1971 (N18.1) , "Selection and Training of Nuclear Power Plant Personnel"	\$37
ANS-3.2-1988 , "Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants"	\$117
ANS-3.2-1982 , "Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants"	\$115
ANS-3.2-1976 (N18.7) , "Administrative Controls and Quality Assurance for the Operational Phase of Nuclear Power Plants"	\$96
ANS-3.2-1972 (N18.7) , "Administrative Controls for Nuclear Power Plants"	\$69
ANS-3.3-1982 , "Security for Nuclear Power Plants"	\$69
ANS-3.3-1973 (N18.17) , "Industrial Security for Nuclear Power Plants"	\$50
ANS-3.4-1976 (N546) , "Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants"	\$37
ANS-3.5-1993 , "Nuclear Power Plant Simulators for Use in Operator Training and Examination"	\$69
ANS-3.5-1985 , "Nuclear Power Plant Simulators for Use in Operator Training"	\$56
ANS-3.5-1981 , "Nuclear Power Plant Simulators for Use in Operator Training"	\$44
ANS-3.5-1979 , "Nuclear Power Plant Simulators for Use in Operator Training"	\$37
ANS-3.7.1-1979;R1986 , "Facilities and Medical Care for On-Site Nuclear Power Plant Radiological Emergencies"	\$37
ANS-3.7.2-1979 , "Emergency Control Centers for Nuclear Power Plants"	\$50

ANS-3.7.3-1979 , "Radiological Emergency Preparedness Exercises for Nuclear Power Plants"	\$25
ANS-3.8.1-1987 , "Criteria for Emergency Response Functions and Organizations"	\$87
ANS-3.8.2-1987 , "Criteria for Functional and Physical Characteristics of Emergency Response Facilities"	\$56
ANS-3.8.3-1987 , "Criteria for Emergency Response Plans and Implementing Procedures"	\$56
ANS-3.8.4-1987 , "Criteria for Maintaining Emergency Response Capability"	\$44
ANS-4.1-1978 , "Design Basis Criteria for Safety Systems in Nuclear Power Generating Stations"	\$62
ANS-4.1 (N18.8) (1973 DRAFT) , "Criteria for Preparation of Design Bases for Systems That Perform Protective Functions in Nuclear Power Generating Stations"	\$96
ANS-5.1-1979;R1985 , "Decay Heat Power in Light Water Reactors"	\$107
ANS-6.1.1-1977, (N666) , "Neutron and Gamma-Ray Flux-To-Dose-Rate Factors"	\$50
ANS-6.1.2-1983 , "Neutron and Gamma-Ray Cross Sections for Nuclear Radiation Protection Calculations for Nuclear Power Plants"	\$31
ANS-6.3.1-1980 , "Program for Testing Radiation Shields in Light Water Reactors"	\$69
ANS-6.3-1972 (N18.9) , "Program for Testing Biological Shielding in Nuclear Reactor Plants"	\$31
ANS-6.4-1977 (N403) , "Guidelines on the Nuclear Analysis and Design of Concrete Radiation Shielding for Nuclear Power Plants"	\$146
ANS-6.6.1-1979 , "Calculation and Measurement of Direct and Scattered Gamma Radiation From LWR Nuclear Power Plants"	\$117
ANS-7.20 (1968 DRAFT) , "Proposed Guide for the Design of a Nuclear Pool Facility"	\$25
ANS-7.60-1972 (N45.4) (superseded by ANS-56.8) , "Leakage-Rate Testing of Containment Structures for Nuclear Reactors"	\$44
ANS-8.1-1975 (N16.1) , "Nuclear Criticality Safety in Operations with Fissionable Material Outside Reactors"	\$37
ANS-8.1-1969 (N16.1) , "Nuclear Criticality Safety in Operations with Fissionable Material Outside Reactors"	\$37
ANS-8.1-1964 (ASA N6.1) , "Safety Standard for Operations with Fissionable Materials Outside Reactors"	\$19
ANS-8.3-1979 , "Criticality Accident Alarm System"	\$44
N2.3-1979 (Incorporated into ANS-8.3-1986) , "Immediate Evacuation Signal for Use in Industrial Installations"	\$44
ANS-8.3-1969 (N16.2) , "Criticality Accident Alarm System"	\$25
ANS-8.5-1979 , "Use of Borosilicate-Glass Raschig Rings as a Neutron Absorbers in Solutions of Fissile Material"	\$44
ANS-8.5-1971 (N16.4) , "Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber In Solutions of Fissile Material"	\$37

ANS-8.6-1975 (N16.3) , "Safety in Conducting Subcritical Neutron-Multiplication Measurements in Situ"	\$25
ANS-8.6-1969 (N16.3) , "Safety in Conducting Subcritical Neutron-Multiplication Measurements in Situ"	\$19
ANS-8.7-1973 (N16.5) , "Guide for Nuclear Criticality Safety in the Storage of Fissile Materials"	\$87
ANS-8.9-1978 , "Nuclear Criticality Safety Guide for Pipe Intersections Containing Aqueous Solutions of Enriched Uranyl Nitrate"	\$31
ANS-8.10-1975 , "Criteria for Nuclear Criticality Safety Controls in Operations Where Shielding Protects Personnel"	\$37
ANS-8.11-1975 (N16.9) , "Validation of Calculational Methods for Nuclear Criticality Safety"	\$37
ANS-8.12-1978 , "Nuclear Criticality Control and Safety of Homogeneous Plutonium-Uranium Fuel Mixtures Outside Reactors"	\$62
ANS-8.19-1984;R1989 , "Administrative Practices for Nuclear Criticality Safety"	\$25
N10.1-1968 , "Nuclear Reactor Classification System"	\$25
ANS-10.2-1982 , "Recommended Programming Practices to Facilitate the Portability of Scientific and Engineering Computer Programs"	\$31
ANS-10.2-1971 (ANS.STD. 3) , "Recommended Programming Practices to Facilitate the Interchange of Digital Computer Programs"	\$25
ANS-10.3-1986 , "Guidelines for the Documentation of Digital Computer Programs"	\$44
ANS-10.3-1974 (N413) , "Guidelines for the Documentation of Digital Computer Programs"	\$37
ANS-10.3-1967 (ANS.STD. 2) , "A Code of Good Practices for the Documentation of Digital Computer Programs"	\$25
ANS-10.5-1986 , "Guidelines for Considering User Needs in Computer Program Development"	\$37
ANS-10.5-1979 , "Guidelines for Considering User Needs in Computer Program Development"	\$31
ANS-11.13-1972;R1981 (N101.6) , "Concrete Radiation Shields"	\$117
ANS-15.1-1982 , "The Development of Technical Specifications for Research Reactors"	\$62
ANS-15.1-1974 (N378) , "Standard for the Development of Technical Specifications for Research Reactors"	\$50
ANS-15.1 (1972 DRAFT) , "Standard for the Development of Technical Specifications for Research Reactors"	\$100
ANS-15.2-1974;R1982 , "Quality Control for Plate-Type Uranium-Aluminum Fuel Elements"	\$44
ANS-15.3-1974 , "Records and Reports for Research Reactors"	\$31
ANS-15.4-1977 (N380) , "Selection and Training of Personnel for Research Reactors"	\$37
ANS-15.6-1974 , "Review of Experiments for Research Reactors"	\$37
ANS-15.10-1981;R1987 , "Decommissioning of Research Reactors"	\$62
ANS-15.11-1977 (N628) , "Radiological Control at Research Reactor Facilities"	\$56

ANS-15.16-1978 , "Emergency Planning for Research Reactors"	\$31
ANS-15.18-1979 , "Standard for Administrative Controls for Research Reactors"	\$50
ANS-18.1-1976 (N237) , "Source Term Specification"	\$75
ANS-18.5-1982;R1989 (Redesignated 2.25) , "Surveys of Terrestrial Ecology Needed to License Thermal Power Plants"	\$100
ANS-19.1-1975 (N411) , "Nuclear Data Sets for Reactor Design Calculations"	\$69
ANS-19.1 (N411) (1973 DRAFT) , "Nuclear Data Sets for Reactor Design Calculations"	\$112
ANS-19.3-1983;R1989 , "Determination of Steady-State Neutron Reaction-Rate Distributions and Reactivity of Nuclear Power Reactors"	\$75
ANS-19.3-1975 (N412) , "Determination of Neutron Reaction Rate Distributions and Reactivity of Nuclear Reactors"	\$50
ANS-19.5-1978;R1984 , "Requirements for Reference Reactor Physics Measurements"	\$31
ANS-19.6.1-1985;R1992 , "Reload Startup Physics Tests for Pressurized Water Reactors"	\$102
ANS-40.35-1984 , "Volume Reduction of Low Level Radioactive Waste"	\$56
ANS-51.1-1973 (N18.2) , "Nuclear Safety Criteria for the Design of Stationary Pressurized Water Reactor Plants"	\$112
ANS-51.1 (N18.2) (1970 DRAFT) , "Nuclear Safety Criteria for the Design of Stationary Pressurized Water Reactor Plants"	\$185
ANS-51.4 (N660) (1977 DRAFT) , "Proposed American National Standard Criteria for Safety-Related Operator Actions"	\$115
ANS-51.5 (N661) (1975 DRAFT) , "Proposed American National Standard Evaluation of Anticipated Transients without Trip on Pressurized Water Reactor Plants"	\$128
ANS-51.7-1976 (N658) , "Single Failure Criteria for PWR Fluid Systems"	\$31
ANS-51.8-1975 (N18-2a) , "Revision and Addendum to Nuclear Safety Criteria for the Design of Stationary Pressurized Water Reactor Plants"	\$31
ANS-52.1-1978;W1983 , "Nuclear Safety Criteria for the Design of Stationary Boiling Water Reactor Plants"	\$156
ANS-52.1 (N212) (1974 DRAFT) , "Nuclear Safety Criteria for the Design of Stationary Boiling Water Reactor Plants"	\$207
ANS-52.5-1976 (N18-20) (N524) , "Nuclear Plant Reliability Data Collection and Reporting Systems"	\$44
ANS-53.1 (N213) (1973 DRAFT) , "Nuclear Safety Criteria for the Design of Stationary Gas Cooled Reactor Plants"	\$186
ANS-54.1 (N214) (1975 DRAFT) , "General Safety Design Criteria for an LMFBR Nuclear Power Plant"	\$96
ANS-54.6 (1979 DRAFT) , "Proposed American National Standard LMFBR Safety Classification and Related Requirements"	\$94
ANS-55.2-1976 (N199) , "Liquid Radioactive Waste Processing System for Pressurized Water Reactor Plants"	\$87

ANS-55.3-1976 (N197) , “Boiling Water Reactor Liquid Radioactive Waste Processing Systems”	\$94
ANS-56.2-1976 (N271) , “Containment Isolation Provisions for Fluid Systems”	\$138
ANS-56.6-1978 , “Pressurized Water Reactor Containment Ventilation Systems”	\$87
ANS-56.7-1978;R1987 , “Boiling Water Reactor Containment Ventilation Systems”	\$94
ANS-56.8-1987 , “Containment System Leakage Testing Requirements”	\$117
ANS-56.8-1981 , “Containment System Leakage Testing Requirements”	\$115
ANS-57.2-1976 (N210) , “Design Requirements for Light Water Reactor Spent Fuel Storage Facilities at Nuclear Power Plants”	\$75
ANS-57.5-1978 , “Light Water Reactors Fuel Assembly Mechanical Design and Evaluation”	\$56
ANS-57.7-1981 , “Design Criteria for an Independent Spent Fuel Storage Installation (Water Pool Type)”	\$125
ANS-57.8-1972 (N18.3/ANS-13.8) , “Fuel Assembly Identification”	\$25
ANS-57.8 (N18.3/ANS-13.8) (1971 DRAFT) , “Fuel Assembly Identification”	\$37
ANS-58.1 (1974 DRAFT) , “Plant Design Against Missiles”	\$120
ANS-58.2-1980 , “Design Basis for Protection of Light Water Nuclear Power Plants Against the Effects of Postulated Pipe Rupture”	\$166
ANS-58.2 (1974 DRAFT) , “Design Basis for Protection of Nuclear Power Plants Against Effects of Postulated Pipe Rupture”	\$81
ANS-58.4 (1977 DRAFT) , “Criteria for the Radiological Technical Specifications for Nuclear Power Stations”	\$115
ANS-58.10 (1984 DRAFT) , “Realistic Methods for LWR Events Analysis”	\$75
ANS-58.12 (1985 DRAFT) , “Criteria for Evaluation of Response Capability for Loss of All AC Power (Station Blackout) at LWR Nuclear Power Plants”	\$146
ANS-58.20-1976 (N18-20/N524) , “Nuclear Plant Reliability Data Collection and Reporting System”	\$44
ANS-59.1-1979 , “Nuclear Safety Related Cooling Water Systems for Light Water Reactors”	\$56
ANS-59.3-1977 , “Safety-Related Control Air System”	\$44
ANS-59.4-1979 , “Generic Requirements for Light Water Nuclear Power Plant Fire Protection”	\$120
ANS-59.4 (N18.10) (1973 DRAFT) , “Fire Protection Criteria for Safety-Related Systems, Structures, And Equipment for Water-Cooler and Moderated Nuclear Power Generating Plants”	\$62
ANS-59.51-1976 (N195) , “Fuel Oil Systems for Standby Diesel-Generators”	\$50
ANS-59.53 (N711) (1980 DRAFT) , “Starting Air Systems for Standby Diesel Generators”	\$62

**Contact the American Nuclear Society Standards Department
for questions about these standards at 708-579-8269 or standards@ans.org.**



American Nuclear Society
555 North Kensington Avenue
LaGrange Park, Illinois 60526 • USA
Telephone: 708/579-8210 • Fax: 708/579-8314

ORDER FORM

E-mail Orders: orders@ans.org
Fax Orders: 708-579-8314

FULL PAYMENT MUST ACCOMPANY ALL ORDERS

YOUR PURCHASE ORDER NO. _____

BILL TO:

Company/Organization

Name

Street Address (no PO Boxes)

City

State

Zip Code

Telephone No.

Fax No.

SHIP TO:

Company/Organization

Name

Street Address (no PO Boxes)

City

State

Zip Code

Telephone No.

Fax No.

E-mail address (Required for orders of electronic drafts and electronic standards)

Address standards inquiries to: standards@ans.org or 708-579-8269
Order inquiries to: orders@ans.org or 708-579-8210

**FOR FASTER, MORE ACCURATE SERVICE, PLEASE USE ANS ORDER NUMBER or STATE "DRAFT"
(NOTE: PLEASE INCLUDE THE NUMERIC DESIGNATION THAT PRECEDES THE TITLE.)**

ANS Order #	Quantity	Paper or Electronic*	Numeric Designation	Title	Price	Total

***Not all standards available electronically.**

Subtotal \$ _____

Less 10% member discount \$ _____
(ANS Member ID # _____)

Total \$ _____

Illinois residents add 7.75% Sales Tax \$ _____

U.S. orders add 7% of Total or \$5, whichever is greater, for shipping \$ _____

Outside U.S. (incl. Canada and Mexico) Add 15% of Subtotal or \$10, whichever is greater, for shipping \$ _____

Add \$30.00 processing fee for all Checks drawn on non-U.S. banks \$ _____

GRAND TOTAL \$ _____

____ Visa ____ MasterCard ____ AMEX ____ Diners Club

Card # *(Please use large font/print)* _____ Expiration Date _____

Signature _____

Please send information and application forms for:

ICONS Membership Organization Membership Individual Membership

All U.S. orders will be shipped UPS, unless requested otherwise. If special shipping is requested, an additional charge will be assessed.

FULL PAYMENT MUST ACCOMPANY ALL ORDERS

Please remit checks to:
AMERICAN NUCLEAR SOCIETY
97781 Eagle Way
Chicago, IL 60678-9770
USA

Wire Transfer Information:
J P Morgan Chase Bank
120 S. LaSalle Street
Chicago, IL 60603
ABA #021000021
International Swift Code: CHASUS33
For credit ANS Account No. 824941