265
5/23/68 *leg*

ORNL-NSIC-43
UC-80 — Reactor Technology

OAK RIDGE NATIONAL LABORATORY

operated by
UNION CARBIDE CORPORATION

for the
U.S. ATOMIC ENERGY COMMISSION

MASTER

COMPILATION OF UNITED STATES NUCLEAR STANDARDS 4th Edition 1967

Wm. B. Cottrell, Chairman — 35453
NSB Special Committee

116 checked ✓

United States of America Standards Institute

NUCLEAR SAFETY INFORMATION CENTER

NSIC

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

DISCLAIMER

This report was prepared as an account of work sponsored by an agency of the United States Government. Neither the United States Government nor any agency Thereof, nor any of their employees, makes any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by trade name, trademark, manufacturer, or otherwise does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof.

DISCLAIMER

Portions of this document may be illegible in electronic image products. Images are produced from the best available original document.

NUCLEAR SAFETY

A BIMONTHLY REVIEW JOURNAL PREPARED BY NSIC

Nuclear Safety covers significant developments in the field of nuclear safety.

The scope is limited to topics relevant to the analysis and control of hazards associated with nuclear reactors, operations involving fissionable materials, and the products of nuclear fission.

Primary emphasis is on safety in reactor design, construction, and operation; however, safety considerations in reactor fuel fabrication, spent-fuel processing, nuclear waste disposal, handling of radioisotopes, and related operations are also treated.

Qualified authors are invited to submit interpretive articles, which will be reviewed for technical accuracy and pertinency. Authors will be advised as soon as possible of acceptance or suggested changes. Send inquiries or 3 copies of manuscripts (with the draftsman's original line drawings plus 2 copies, and with continuous-tone glossy prints of photographs plus 2 copies) to J. P. Blakely, Oak Ridge National Laboratory, P. O. Box Y, Oak Ridge, Tennessee 37830.

Nuclear Safety is prepared by the Nuclear Safety Information Center at Oak Ridge National Laboratory for the U.S. Atomic Energy Commission, Division of Technical Information. For subscriptions, address Superintendent of Documents, U.S. Government Printing Office, Washington, D. C. 20402. The subscription rate is \$3.50 per year. Below is an order blank for your convenience.

U.S. GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON, D.C. 20402

OFFICIAL BUSINESS

RETURN AFTER 5 DAYS

POSTAGE AND FEES PAID
U.S. GOVERNMENT PRINTING OFFICE

Name _____
Address _____
City _____ State _____ Zip _____

----- TO INSURE PROMPT, ACCURATE SHIPMENT, PLEASE PRINT OR TYPE CORRECT ADDRESS ON MAILING LABEL ABOVE -----

MAIL ORDER FORM To:

Superintendent of Documents, Government Printing Office, Washington, D.C. 20402

FOR USE OF SUPT. DOCS.	

Enclosed find \$..... (check, money order, or Supt. of Documents coupons). Please enter my subscription to NUCLEAR SAFETY for one ☐, two ☐, or three ☐ years, at \$3.50 a year; \$1.00 additional for foreign mailing.

Please charge this order
to my Deposit Account
No.

Name
Address
City and State ZIP Code

LEGAL NOTICE

This report was prepared as an account of Government sponsored work. Neither the United States, nor the Commission, nor any person acting on behalf of the Commission:

A. Makes any warranty or representation, expressed or implied, with respect to the accuracy, completeness, or usefulness of the information contained in this report, or that the use of any information, apparatus, method, or process disclosed in this report may not infringe privately owned rights; or

B. Assumes any liabilities with respect to the use of, or for damages resulting from the use of any information, apparatus, method, or process disclosed in this report.

As used in the above, "person acting on behalf of the Commission" includes any employee or contractor of the Commission, or employee of such contractor, to the extent that such employee or contractor of the Commission, or employee of such contractor prepares, disseminates, or provides access to, any information pursuant to his employment or contract with the Commission, or his employment with such contractor.

ORNL-NSIC-43

Contract No. W-7405-eng-26

Nuclear Safety Information Center

COMPILATION OF UNITED STATES NUCLEAR STANDARDS
4th Edition 1967

Wm. B. Cottrell, Chairman
NSB Special Committee

United States of America Standards Institute

MAY 1968

OAK RIDGE NATIONAL LABORATORY
Oak Ridge, Tennessee
operated by
UNION CARBIDE CORPORATION
for the
U.S. ATOMIC ENERGY COMMISSION

DISTRIBUTION OF THIS DOCUMENT IS UNLIMITED

Printed in the United States of America. Available from Clearinghouse for Federal
Scientific and Technical Information, National Bureau of Standards,
U.S. Department of Commerce, Springfield, Virginia 22151
Price: Printed Copy \$3.00; Microfiche \$0.65

LEGAL NOTICE

This report was prepared as an account of Government sponsored work. Neither the United States, nor the Commission, nor any person acting on behalf of the Commission:

- A. Makes any warranty or representation, expressed or implied, with respect to the accuracy, completeness, or usefulness of the information contained in this report, or that the use of any information, apparatus, method, or process disclosed in this report may not infringe privately owned rights; or
- B. Assumes any liabilities with respect to the use of, or for damages resulting from the use of any information, apparatus, method, or process disclosed in this report.

As used in the above, "person acting on behalf of the Commission" includes any employee or contractor of the Commission, or employee of such contractor, to the extent that such employee or contractor of the Commission, or employee of such contractor prepares, disseminates, or provides access to, any information pursuant to his employment or contract with the Commission, or his employment with such contractor.

PREFACE

The Nuclear Safety Information Center was established in March 1963 at the Oak Ridge National Laboratory under the sponsorship of the U.S. Atomic Energy Commission to serve as a focal point for the collection, storage, evaluation, and dissemination of nuclear safety information. A system of keywords is used to index the information catalogued by the Center. The title, author, installation, abstract and keywords for each document reviewed is recorded on magnetic tape at the central computer facility in Oak Ridge. The references are catalogued according to the following categories:

1. General Safety Criteria
2. Siting of Nuclear Facilities
3. Transportation and Handling of Radioactive Materials
4. Aerospace Safety
5. Accident Analysis
6. Reactor Transients, Kinetics, and Stability
7. Fission Product Release, Transport, and Removal
8. Sources of Energy Release Under Accident Conditions
9. Nuclear Instrumentation, Control, and Safety Systems
10. Electrical Power Systems
11. Containment of Nuclear Facilities
12. Plant Safety Features
13. Radiochemical Plant Safety
14. Radionuclide Release and Movement in the Environment
15. Environmental Surveys, Monitoring and Radiation Exposure of Man
16. Meteorological Considerations
17. Operational Safety and Experience
18. Safety Analysis and Design Reports
19. Bibliographies

Computer programs have been developed which enable NSIC to (1) produce a quarterly indexed bibliography of its accessions (issued with ORNL-NSIC report numbers); (2) operate a routine program of Selective Dissemination of Information (SDI) to individuals according to their particular profile of interest; and (3) make retrospective searches of the references on the tapes.

Other services of the Center include principally (1) preparation of state-of-the-art reports (issued with ORNL-NSIC report numbers); (2) cooperation in the preparation of the bimonthly technical progress review, Nuclear Safety; (3) answering technical inquiries as time is available, and (4) counsel and guidance on nuclear safety problems.

Services of the NSIC are available without charge to government agencies, research and educational institutions, and the nuclear industry. Under no circumstances do these services include furnishing copies of any documents (except NSIC reports) although all documents may be examined at the Center by qualified personnel. Inquiries concerning the capabilities and operation of the Center may be addressed to

J. R. Buchanan, Assistant Director
Nuclear Safety Information Center
Oak Ridge National Laboratory
Post Office Box Y
Oak Ridge, Tennessee 37830
Phone 615-483-8611, Ext. 3-7253
FTS 615-483-7253

FOREWORD

Early in 1963 what was then the American Standards Association (ASA) Sectional Committee N6, Reactor Safety Standards, established the subcommittee N6-9 to maintain an indexed catalog of standards of interest to the nuclear industry for both the United States and foreign countries with principal emphasis on the former. In August of last year the ASA was reconstituted as the United States of America Standards Institute (USASI) and hence this report bears the sponsorship of that organization. The N6-9 subcommittee was redesignated as "Special Committee of the Nuclear Standards Board."

In addition to compiling and maintaining the catalog of nuclear standards in the United States and those promulgated by international organizations and foreign countries, the subcommittee was also asked to direct the Nuclear Standards Board's attention to those areas in the U.S. in which there was duplication and to those which lacked coverage. In order to fulfill its designated function the committee first compiled and examined the United States nuclear standards, the results of which were compiled in a report issued August 1964. The subcommittee next undertook a similar survey of foreign nuclear standards, the results of which were reported in May 1965. Both reports have been revised annually since then. This is the fourth issue of the "Compilation of U.S. Nuclear Standards."

Although the primary purpose of the committee's activities is to maintain the aforementioned catalog, the report contains a brief description of most of the organizations involved. Readers interested in additional information of that nature are referred to the bibliography of this report and especially to the "Selected Bibliography of Radiation Protection Organizations" published in 1963 by the American Conference on Governmental Industrial Hygienists. Although that bibliography is primarily concerned with organizations in the U.S. the first of four sections of the report is devoted to international organizations.

All United States nuclear standards activities and regulations known to this committee are presented here in simple tabular form. The standards activities of all organizations including technical societies, as well as relevant regulations established by government agencies, are listed herein in alphabetical order by organization, etc. in instances where that organization itself undertakes the development of nuclear standards, criteria or guides. In the United States the most concerted standards effort is channeled through the United States of America Standards Institute, which is a national federation of more than 110 technical societies and trade associations and, in addition, includes 2300 companies and the U.S. Government as sponsors. Thus, the nuclear standards effort of most organizations, including many of those listed in this report who also conduct some independent activities, are represented in the standards program of the United States of America Standards Institute. In as much as the reorganization of the standards activities under

ASA has not been completed as of this writing, the former ASA standards committees and activities are included herein as well as the new committees and their work as authorized under USASI.

The following compilation is generally self-explanatory, and where necessary or appropriate, comments are made in the column titled "Remarks." The status of any given standards activity is described by one of four terms: Approved, Active, Inactive, or Withdrawn, where these terms have the following connotations:

- Approved - Approved as a standard by the sponsoring organization.
- Active - Work on the proposed standard is in progress (a draft may or may not exist).
- Inactive - Work on the proposed standard either not begun or begun and suspended. In the latter case the reason where known will be given.
- Withdrawn - A standard or standard project which was at one time approved but which has since been discontinued. The reason will be given where known.

While the committee members have undertaken to personally contact all organizations and committees actively engaged in the generation of nuclear standards, the nature of the work is such that information is soon outdated and there are not infrequent changes in the standards-generating committees. Accordingly, all persons are encouraged to direct to the chairman's attention any errors or omissions in this report, the complete accuracy of which the subcommittee cannot guarantee. The subcommittee also wishes to express its appreciation to the many persons whose cooperation has made this compilation possible.

NSB Special Committee
Wm. B. Cottrell, Chairman
Oak Ridge National Laboratory
Oak Ridge, Tennessee

W. B. Allred	Stone & Webster
J. E. McEwen, Jr.	USAEC
J. B. Godel	BNL
D. Davis	ORNL
M. Novick	ANL
C. Roderick	Westinghouse
J. C. Russ	General Electric
R. F. Shea	Consultant

CONTENTS

	<u>Page</u>
Preface	ii
Foreword	iv
1. Air Pollution Control Association	2
2. American Bureau of Shipping	2
3. American Conference of Governmental Industrial Hygienists	2
4. American Concrete Institute	2
5. American Industrial Hygiene Association	4
6. American Nuclear Society	4
ANS-1 Reactor Classification (dissolved)	4
ANS-1 Performance of Critical Experiments	4
ANS-2 Site Evaluation	4
ANS-3 Reactor Operator Qualifications (dissolved)	4
ANS-3 Reactor Operation's Technical Specifications	4
ANS-4 Reactor Dynamics and Control	4
ANS-5 Energy and Fission Product Release	4
ANS-6 Reactor Operation (dissolved)	6
ANS-6 Shielding	6
ANS-7 Reactor Components	6
ANS-8 Fissionable Material Outside Reactors	8
ANS-9 Nuclear Terminology, Units	10
ANS-10 Mathematics and Computation	10
ANS-11 Radioactive Materials Handling Facility and Specialized Equipment	10
ANS-12 Materials	10
7. American Petroleum Institute	12
8. American Society of Civil Engineers	12
9. American Society of Mechanical Engineers	14
10. American Society for Testing and Materials	16
A. Ferrous Metals	16
B. Nonferrous Metals	18
C. Cementitious, Ceramic, Concrete, and Masonry Materials	20
D. Miscellaneous Materials	22
E. Miscellaneous Subjects	22

11.	American Standards Association	24
	ASA N1 Glossary of Terms	26
	ASA N2 General and Administrative Standards for Nuclear Energy	26
	ASA N3 Nuclear Instrumentation	28
	ASA N4 Electrical Apparatus and Systems for the Nuclear Field	30
	ASA N5 Nuclear Fuel Cycle Engineering	30
	ASA N6 Reactor Safety	36
	ASA N7 Radiation Protection	38
	ASA N101 Atomic Energy Facility Design and Operating Criteria	40
	ASA B31 Code for Pressure Piping	40
	ASA Z54 Industrial Use of X-Rays and Radiation	40
	ASA Z56 Model Laws and Ordinances	42
	ASA Z88 Respiratory Protection	42
12.	American Welding Society	42
13.	Association of American Railroads	44
14.	Atomic Industrial Forum	44
15.	Civil Aeronautics Board	48
16.	Edison Electric Institute	48
17.	Environmental Science Services Administration	50
18.	Federal Aviation Agency	50
19.	Federal Interagency Commission on Transportation of Radioactive Materials	52
20.	Federal Radiation Council	52
21.	Institute of Electrical and Electronics Engineers	52
22.	Institute of Nuclear Materials Management	54
23.	Instrument Society of America	56
24.	Interstate Commerce Commission	58
25.	National Research Council	58
26.	National Academy of Engineering	60
27.	National Academy of Science	60
28.	National Bureau of Standards	62

29.	National Council on Radiation Protection and Measurement	66
30.	National Electrical Manufacturers Association	70
31.	National Fire Protection Association	72
32.	National Sanitation Foundation	72
33.	Society of Naval Architects and Marine Engineers	74
34.	Underwriters' Laboratories, Inc.	74
	USA N11 Materials and Material Testing	74
	USA N12 Terminology, Units, Symbols, Identification and Warning	74
	USA N13 Radiation Protection	74
	USA N14 Transportation of Fissile and Radioactive Materials	76
	USA N15 Methods of Nuclear Material Control	76
	USA N16 Nuclear Criticality Safety	76
	USA N17 Model Codes and Regulations	76
	USA N18 Nuclear Design Criteria	76
	USA N42 Nuclear Instruments	76
	USA N43 Equipment for Non-Medical Radiation Applications	78
	USA N44 Medical Radiation Equipment	78
	USA N45 Reactor Plants and Their Maintenance	78
	USA N101 Atomic Industry Facility Design Construction ... and Operation Criteria	78
36.	U. S. Atomic Energy Commission	78
37.	U. S. Coast Guard	90
38.	U. S. Department of Labor	92
39.	U. S. Food and Drug Administration	92
40.	U. S. Post Office Department	94

COMPILATION OF UNITED STATES NUCLEAR STANDARDS
4th Edition, 1967

COMPILATION OF U.S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>1. <u>Air Pollution Control Association</u> The APCA was founded in 1907 and now has 2300 members and a staff of eight. The Association membership includes industrialists, researchers, manufacturers, educators, meteorologists, regulatory and others concerned with air pollution. The Association has committees on all aspects of air pollution and issues a monthly publication, "Journal of the APCA" and a monthly abstract list, "APCA Abstracts." Its principle office is 4400 Fifth Avenue, Pittsburgh 13, Pa.; Arnold Arch, Executive Secretary.</p>	<p>TR-4, Radioactive Air Pollution</p>	<p>W. A. Crandall Chairman TR-4, APCA Consolidated Edison Co. of New York 4 Irving Place New York, N.Y. 10003</p>
<p>2. <u>American Bureau of Shipping</u> The ABS was incorporated by act of the Legislature of the State of New York in 1862 and united with the Great Lakes Register in 1916. The Bureau has around 200 members drawn from executives of steamship companies, shipbuilders, and marine underwriters. It is an international engineering classification society concerned with the sea worthiness of vessels, and hence, establishes and maintains safe standards to which ships are built. It has a staff of around 550 and maintains technical committees in the US and at least 5 foreign countries on various aspects of shipping. Principal US Office is at 45 Broad St., New York 4, N.Y.; David P. Brown, President.</p>	<p>Committee on Nuclear Applications</p>	<p>David B. Bannerman, Jr. Vice President-Technical American Bureau of Shipping 45 Broad Street New York 4, New York</p>
<p>3. <u>American Conference of Governmental Industrial Hygienists</u> The ACGIH, founded in 1938, is a professional society of persons employed by official governmental units responsible for full-time programs of industrial hygiene, educators, and others conducting research in industrial hygiene. It has 620 members.</p>		<p>A. D. Hosey Secretary-Treasurer American Conference of Governmental Industrial Hygienists 1014 Broadway Cincinnati 2, Ohio</p>
<p>4. <u>American Concrete Institute</u> The ACI was founded in 1905 and now has around 11,600 members. It is a technical society of engineers, architects, contractors, educators, and others interested in improving techniques of design, construction, and maintenance of concrete products and structures. The Institute has a staff of 23 and issues a monthly publication, "Journal of the ACI." Its principal office is P.O. Box 4754, Redford Station, Detroit 19, Michigan; William A. Maples, Executive Secretary.</p>	<p>Committee 349</p>	<p>Raymond C. Reece Raymond C. Reece Associates P. O. Box 556 Toledo 1, Ohio</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Status of Regulations Governing the Release of Radioactive Material to the Atmosphere	TR-4	Active	6-1-66	First draft, being revised
Guide for the Classification of Nuclear Ships		Approved	1962	Revision current in process, release date uncertain.
a) Air Sampling Instruments for Evaluation of Atmospheric Contaminants			1960	
b) Air Sampling Instruments Manual			7-63	
c) Guide to Records for Health Services in Small Industries			7-63	
d) Threshold Limit Values				
e) Industrial Ventilation - A Manual of Recommended Practice				
f) Proposed Guide for Uniform Industrial Hygiene Codes of Regulations				Revision in process.
Criteria for Reinforced Concrete Reactor Container and Nuclear Structures		Active		Liaison

COMPILATION OF U.S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>5. <u>American Industrial Hygiene Association</u> The AIHA, founded in 1939, is a professional society of industrial Hygienists founded to promote study of control of the environmental factors affecting the health and well being of industrial workers. Its principle office is 14125 Prevost, Detroit, Michigan.</p>	Hygienic Guides	<p>C. D. Clayton Executive Secretary American Industrial Hygiene Association 14125 Prevost Detroit, Michigan</p>
<p>6. <u>American Nuclear Society</u> The ANS, established in 1954, is a non-profit scientific and educational organization made up of some 4600 individual scientists and engineers active in nuclear science and technology. Its main objectives include the advancement of science and engineering, the integration of the scientific disciplines, the encouragement of research and the dissemination of information, all with respect to nuclear science and technology. The society is managed by a Board of Directors, which may delegate any or all of its powers to an Executive Committee of seven members. Among its standing committees is a Standards Committee which considers and investigates all matters relating to units, terminology, standards and practices that pertain to nuclear science and engineering. This committee also coordinates the work of the technical committees with respect to the making or revising of society standards. The ANS Standards Committee has a number of subcommittees concerned with the development of industry standards. These subcommittees also work closely with corresponding committees and subcommittees of the USASI Nuclear Standards Board. The American Nuclear Society sponsors USA Standards Committee N16 "Nuclear Criticality Safety" and USA Standards Committee N18 "Nuclear Design Criteria". The Society has 23 local sections, 25 student branches, and issues three monthly publications, "Nuclear Science and Engineering," "Nuclear News," and "Nuclear Applications." Its office is at 244 East Ogden Avenue, Hinsdale, Ill.; Octave J. du Temple, Executive Secretary.</p>	<p>Standards Committee</p> <p>ANS-1: Reactor Classification (dissolved)</p> <p>ANS-1: Performance of Critical Experiments</p> <p>ANS-2: Site Evaluation</p> <p>ANS-3: Reactor Operator Qualifications (dissolved)</p> <p>ANS-3: Reactor Operation's Technical Specifications</p> <p>ANS-4: Reactor Dynamics and Control</p> <p>ANS-5: Energy and Fission Product Release</p>	<p>R. G. Chalker, Chairman ANS Standards Committee Atomics International P. O. Box 309 Canoga Park, California 91304</p> <p>See remarks</p> <p>A. D. Callihan Oak Ridge National Laboratory P. O. Box Y Oak Ridge, Tennessee 37830</p> <p>B. John Garrick Holmes and Narver, Inc. 828 South Figueroa Street Los Angeles, California 90017</p> <p>See remarks</p> <p>F. T. Binford Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tennessee 37830</p> <p>R. H. Bryan Oak Ridge National Laboratory P. O. Box Y Oak Ridge, Tennessee 37830</p> <p>M. E. Remley Atomics International P. O. Box 309 Canoga Park, California 91304</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Hygienic Guides				Series of bulletins containing pertinent information required for hazard evaluation subjects cover common industrial chemicals and materials, including new chemicals introduced to the industrial markets. Its principle office is 14125 Prevost, Detroit, Michigan
See subcommittees				The committee was reorganized in June 1967 to tie in better with the new USA Standards Committee of the USASI Nuclear Standards Board.
Standard for Nuclear Reactor Classification	ANS 1-62	Approved	6-6-61	ANS-1 deactivated; work assigned to ANS-9
Code of Good Practices for the Performance of Critical Experiments	ANS 1.1	Active	11-1-66	Submitted to ANS Board of Directors (June 67) by ANS Standards Committee for approval as an ANS standard. Present intent is not to submit to USASI.
a) Proposed standard: Procedure for Site Evaluation Considering Abnormal Reactor Behavior		Inactive		Subcommittee has been dissolved (April 67) and is being re-constituted.
b) Determination of Radiation Field from Leaking Plume		Inactive		
c) Determination of Direct Radiation Field from Containment Vessel		Inactive		
d) Seismic Considerations for Nuclear Power Reactors		Inactive		Preliminary draft outline has been prepared. Separate more detailed outlines of different aspects of problem are being developed.
				ANS-3 deactivated.
				Subcommittee is presently inactive.
Stability, Control and Protection System Requirements for Water-Cooled, Rod-Type, Oxide-Fueled Stationary Power Reactors		Inactive		Subcommittee activity suspended pending reorganization under new chairman.
a) Proposed Standard for Design Pressure and Pressure Decay Requirements for Boiling Water and Pressurized Water Nuclear Power Plant Containment Vessels	ANS 5.1	Inactive	1-161	This project has been abandoned.
b) Standard Half-lives for Fission Products	ANS 5.11	Active	6-8-67	ANS 5.11 and 5.12 have been combined into a single standards proposal entitled "Summary of Fission Yields for U-235, U-238 and Pu-239 at Thermal, Fission Spectrum and 14 MEV Neutron Energies," Revision 1, 6-8-67. Rev. 1 was put out for subcommittee review in June 1967.

COMPILATION OF U.S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
6. <u>American Nuclear Society</u> (cont'd.)	ANS-5: Energy and Fission Product Release(cont'd.)	M. E. Remley Atomics International P. O. Box 309 Canoga Park, California 91304
	ANS-6: Reactor Operation (dissolved)	See remarks
	ANS-6: Shielding	Phillip S. Mittelman United Nuclear Corporation 5 New Street White Plains, New York
	ANS-7: Reactor Components	R. G. Hobson Westinghouse Electric Corp. Atomic Power Division P. O. Box 355 Pittsburgh, Pa. 15230

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
c) Standard for Fission Product Yields	ANS 5.12	Active	6-8-67	ANS 5.11 and 5.12 have been combined into a single standards proposal entitled "Summary of Fission Yields for U-235, U-238 and Pu-239 at Thermal, Fission Spectrum and 14 MEV Neutron Energies," Revision 1, 6-8-67. Revision 1 was put out for subcommittee review in June 1967.
d) Standard for Fission Product Specific Radioactivities	ANS 5.13	Inactive		
e) Fission Product Release from Ruptured UO ₂ Fuel	ANS 5.21	Active		This project activated 6-13-67.
f) Postshutdown Heat Generation and Temperature Increase Rates in UO ₂ Fueled Cores	ANS 5.23	Active	5-67	Latest draft is out for comment both within and outside of subcommittee.
g) Fission Product Release from Overheated UO ₂ Fuel	ANS 5.24	Active		This project reactivated 6-13-67.
h) Determination of Fate of Isotopes within the Barrier (i.e., the pressure vessel or its counterpart)	ANS 5.30	Inactive		Work not yet initiated.
i) Determination of Time-Variant Overpressure Available for Driving Isotopes Through the Barrier	ANS 5.40	Inactive		Work not yet initiated.
a) Minimum Standard for Operation of Research and Test Reactors				Committee deactivated in November 1962 because work is being done by ASA N6-6.
b) Recommended Data for Shielding Calculations	ANS 6.1	Active		Working group collecting data.
c) Standard Shielding Calculations	ANS 6.2	Active		Working group is developing standard solutions to typical problems.
d) Test Program for Biological Shielding in Nuclear Reactor Plants	ANS 6.3	Active		Standard has been submitted for publication as a Nuclear Engineering Bulletin.
e) Special Materials for Use in Reactor Shields	ANS 6.4	Active		Working group collecting data on existing specifications, will then proceed with compilation of standard list.
f) Shielding Terminology	ANS 6.5	Active		Working group reviewing proposed definitions. Will furnish input to ANS 9.
a) Mechanically Assembled Plate-type Uranium-Aluminum Fuel Elements	ANS 7.10-64	Approved	6-64	A section on boron equivalents has been added to the 64 edition. USASI-N5 is ready to recommend this document to the NSB for adoption as a USA standard.
b) Tubing Inspection and Welded Tube-To-Tube Joints in Nuclear Reactor Heat Exchangers	ANS 7.11	Inactive		Dropped.
c) Fuel Element Handling and Retrieving Devices	ANS 7.12	Inactive		Responsibility Transferred.
d) Manipulators	ANS 7.13	Inactive		Responsibility Transferred.
e) Valves and Pump Bodies to Insure Containment	ANS 7.14			No standard expected; this is a liaison group with ASA B31-1.
f) Shipping Containers for Irradiated Solid Fuel	ANS 7.15	Inactive		No standard expected; this is a liaison group with ASA N5-5.
g) Mechanical Penetrations for Reactor Containments.		Active		Survey indicates use for containment mechanical (excluding electrical) penetrations. Ad hoc committee to be formed to develop functional criteria as a precursor to a standard.

COMPILATION OF U.S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
6. <u>American Nuclear Society (cont'd.)</u>	ANS-7: Reactor Components (cont'd.)	R. G. Hobson Westinghouse Electric Corp. Atomic Power Division P. O. Box 355 Pittsburgh, Pa. 15230

ANS-8: Fissionable Material
Outside Reactors

D. Callihan
Oak Ridge National Laboratory
P. O. Box Y
Oak Ridge, Tennessee

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
h) Pellet-type Reactor Fuel Elements	ANS 7.17	Active	5-15-67	Some question as to potential usefulness. Industry being surveyed (June 1967) for its opinion of latest draft.
i) Guide for the Design of a Nuclear Pool Facility	ANS 7.20	Active	6-67	Published as Nuclear Engineering Bulletin, December 66, Volume 4, Number 2. Revised in response to comments received and sent out for letter ballot in ANS-7. Ballot closes 7-24-67.
j) Specifications for Nuclear Graphite	ANS 7.30	Inactive		Liaison with ASTM.
k) Irradiation Effects on Nuclear Reactor Materials	ANS 7.31	Inactive		Liaison with Joint Coordinated Activities.
l) B&PV Activities	ANS 7.33	Inactive	2-66	Liaison with ASME Code Committees.
m) Guide for Specifying Cleanliness of Nuclear Reactor System Components	ANS 7.40	Active	2-28-66	Under consideration in NSB. There is a question on the content and usefulness of the standard that remains to be resolved.
n) Welding Quality for Aluminum and Its Alloys in Nuclear Systems	ANS 7.50	Inactive		Liaison being maintained with ANS committee on piping and tubing and with appropriate ANS committees.
o) Quality Control for Plate-Type Uranium-Aluminum Fuel Elements	ANS 7.61 USASI N8.1-1967	Approved	1-67	Approved as USASI Standard on January 25, 1967. Being published by the ANS.
p) Leakage Rate Testing of Containment Structures for Nuclear Reactors	ANS 7.62	Active	5-15-67	Latest draft has been approved by the ANS President for transmittal to USASI.
q) Nondestructive Testing of Nuclear-Grade Materials	ANS 7.63	Inactive		Dropped.
r) Safety Criteria for Nuclear Design	ANS 7.70	Inactive		Dropped.
s) Design Criteria for Reactor Control Element System	ANS 7.71-62	Withdrawn	8-63	Dropped.
t) Earthquake Design Criteria	ANS 7.72	Inactive		Responsibility transferred.
u) Monitoring Reliability of Reactor Components During Operation	ANS 7.80	Active		Project being reevaluated may be ruled inappropriate for ANS-7 development.
v) Classification of Radiation Zones for Nuclear Activities	ANS 7.81	Inactive	6-62	Responsibility transferred.
w) Quality Control of Nuclear System Components	ANS 7.82	Inactive		Dropped.
x) Fluid System and Fuel with Reactors	ANS 7.83	Inactive		Liaison with ASA N6-3.
y) Nuclear Instrumentation	ANS 7.84	Inactive		Responsibility transferred.
z) Shield Design		Inactive		Responsibility transferred to ANS-6.
a) Safety standard for Operation with Fissionable Material Outside Reactors	ASA Std. N6.1*	Approved	6-11-64	Revision 1 of the 1964 standard approved by ANS-8 and sent to ANS Standards Committee, 7-67, with recommendation for publication in a Nuclear Engineering Bulletin.
b) Computational Methods Applicable to Criticality Problems		Inactive		Need for the standard at this time is not apparent.
c) Use of Borosilicate-glass Raschig Rings as a Fixed Neutron Absorber in Solutions of Fissile Material	ANS 8.2	Active	2-67	Comments resulting from publication in Nuclear Engineering Bulletin, 11-65, incorporated.
d) Use of Stainless Steel Containing Boron in Processes Involving Fissile Material		Active		New draft ready for ANS-8 ballot. New draft expected by June 1968.

*The ASA Std. N6.1 designation is correct even though that standards activity is now the responsibility of ANS-8.

COMPILATION OF U.S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
6. <u>American Nuclear Society</u> (continued)	ANS-8: Fissionable Material Outside Reactors (cont'd.)	Dixon Callihan Oak Ridge National Laboratory P. O. Box Y Oak Ridge, Tennessee
	ANS-9: Nuclear Terminology, Units	W. F. Savage Office of Saline Water U.S. Department of Interior Washington, D. C. 20240
	ANS-10: Mathematics and Computation	R. A. Blaine Atomics International P. O. Box 309 Canoga Park, California 91304
	ANS-11: Radioactive Materials Handling Facility and Specialized Equipment	R. V. Steele Aerojet General Corporation Building 160, Department 4951 Azusa, California 91703
	ANS-12: Materials	S. Christopher Combustion Engineering Inc. P. O. Box 500 Windsor, Connecticut

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
e) Use of Soluble Absorbers in Processes Involving Fissile Material		Active		Date of availability of revised draft indefinite.
f) Shipping Containers for Uranium Hexafluoride		Active		Survey is being made to determine what specifications currently exist and whether there is need for this ANS project.
g) Criticality Accident Alarms		Active	6-12-67	Proposed standard being balloted in ANS Standards committee, 7-67, for publication in a Nuclear Engineering Bulletin.
h) Neutron Multiplication in Process Operations Involving Fissile Materials		Active	2-67	Draft of proposed standard circulated to members of ANS-8 for comment 4-67.
a) Nuclear Terminology	USASI N1.1	Approved	1957	USASI-N12 is working on a new edition with contributions from ANS-9.
b) Nuclear Reactor Classification	ANS 1	Active	5-66	Has submitted to USASI and returned by N12 to ANS-9 for incorporation of minor changes. Scheduled for return to N12 by 8-67.
c) Nuclear Units and Symbols		Active		180 basic nuclear terms have been selected as the basis for the development of a standard listing of nuclear units and symbols. As of 6-67, appropriate units and symbols had been developed for about 75 of these terms.
a) A Code of Good Practices for Documentation of Digital Computer Programs		Active	6-13-67	Sponsored by ANS Reactor Mathematics and Computation Division, established July 66. ANS Standards Committee balloting latest draft. Ballot closes August 14-67. Proposal is for adoption as ANS standard. No present plan for submission to USASI.
b) Recommended Practices for the Programming of Digital Computer Programs		Active		A study is being made of practices which reduce the effort of conversion of computer programs for operation at different computer installations.
a) Shielding wall penetrations for manipulators, viewing devices, and service penetrations		Active		Sponsored by ANS Remote Systems Technology Division.
b) Fuel Element Handling and Retrieving Devices		Inactive		
c) Manipulators		Inactive		
d) Guide for Good Practices for Hot Cell Design and Construction		Active		In early draft form.
				Sponsored by ANS Materials Division, established 6-67. Responsible for liaison with USASI N-11. Standards activities not yet formulated.

COMPILATION OF U.S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
7. <u>American Petroleum Institute</u> The API was founded in 1919 to conduct fundamental research on petroleum and provide publication and information services to its members which now number approximately 10,500, and include producers, refiners, shippers and marketers. It has five divisions, a staff of 225 and issues numerous publications, most notable "Petroleum Today," a quarterly. Its office is at 1271 Avenue of the Americas, New York, N.Y. 10020; Frank N. Ikard, President.	Division of Production	R. F. Carlson, Director Division of Production American Petroleum Institute 300 Corrigan Tower Bldg. Dallas, Texas
	Division of Refining	W. T. Gunn, Director Division of Refining American Petroleum Institute 1271 Avenue of the Americas New York, New York 10020
8. <u>American Society of Civil Engineers</u> The ASCE was founded in 1852 and now has over 60,000 members, 79 local sections and 159 student groups. The society is for professional engineers in the construction field and conducts research as well as develops codes and standards. It has 14 technical divisions, 2 technical councils, many special committees and issues numerous publications, including separate journals for each of its technical divisions. Its office is located at 345 East 47 St., New York 17, N.Y.; William H. Wisely, Executive Secretary.	Standards Committee	Miles N. Clair, Chairman ASCE Standards Committee The Thompson and Lichtner Company, Inc. 8 Alton Place Brookline, Mass. Donald C. Taylor, Asst. Sec'y. American Society of Civil Engineers 345 East 47th Street New York 17, New York
	The Administrative Committee on Nuclear Structures and Materials	H. M. Glen Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tennessee
	1) Task Committee on Hot Laboratories	T. E. Northup Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tennessee
	2) Task Committee on Live Loads Due to Heat and Incidence	Prof. J. E. Goldberg School of Engineering Purdue University Lafayette, Indiana
	3) Task Committee on Structural Aspects of Incidents	Gibson Morris Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tennessee
	4) Task Committee on Nuclear Materials	S. H. Fistedis Argonne National Laboratory Lamont, Illinois
	5) Subcommittee on Nuclear Power	Robert M. Jacobs, Chairman Committee on Nuclear Power Stone and Webster Engineering Corporation 225 Franklin Street Boston, Massachusetts 02107

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Recommended Practice for Standard Calibrations and Forms for Nuclear Logs	API-RP-33	Approved	9-59	Second Edition
Recommended Rules for Design and Construction of Large, Welded, Low-Pressure Storage Tanks	API-620	Approved	6-63	Second Edition
See divisions				
See subcommittees				
Design Criteria for Hot Cells				
a) Reactor Containment (A Bibliography)	NP-12980		1964	An information group, not currently working toward any standard Referred to ACI
b) Prestressed Concrete for Use in Reactor Containment Vessels		Withdrawn		
Regulations Governing the design and Construction of Nuclear Facilities				Advisory group, not currently working toward any standard
a) Testing of Containment Capabilities of Reinforced Concrete Enclosures	ANL-6664	Approved	3-63	Issued as an information document
b) Steel Design Criteria for Nuclear Applications		Inactive	2-62	Issued in ASCE journal; structural division
c) Concrete for Shielding Nuclear Radiation		Inactive	2-62	Issued in ASCE journal; structural division
Safety Standard for the Design, Fabrication, and Maintenance of Concrete Containment Structures for Stationary Nuclear Power Reactors		Withdrawn		Work referred to ACI

COMPILATION OF U.S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>9. <u>American Society of Mechanical Engineers</u> The ASME was organized in 1880 to promote the art and science of mechanical engineering and to further mechanical construction for scientific purposes. Its membership includes 47,500 professional engineers organized into 104 local sections and approximately 12,000 students in 153 student sections. The ASME conducts research, develops boiler and pressure vessel and power test codes, and serves as a sponsor for ASA in safety codes and standards for equipment. Its governing body is the Council under which there are a number of boards and committees, including some 21 research committees. The society's standards activities are directed by the Board on Codes and Standards. The work is subdivided between five committees as follows: 1) Standardization Committee (Supervises the general standards activities of ASME); 2) Safety Standards Committee (Supervises the safety codes and standards work of the society); 3) International Standardization Committee (Supervises the society's activities with respect to international standardization, particularly ISO/TC4, TC11, TC41, TC69, TC86 and IEC/TC5 and TC19); 4) Boiler and Pressure Vessel Committee (Supervises the society's activities in connection with the formulation, revision, and interpretation of the ASME Boiler and Pressure Vessel Code); and 5) Power Test Codes Committee (Supervises the society's activities with respect to the formulation, revision and interpretation of Power Test Codes. In the nuclear area, the society sponsors ASA Sectional Committee B31, "Code for Pressure Piping" and with the American Nuclear Society co-sponsors ASA Sectional Committee N6, "Reactor Safety Standards." The society publishes numerous journals, has a staff of 123 and maintains with other engineering societies a 180,000 volume library. Its office is at 345 East 47th Street, New York, New York; O. B. Shier, II, Executive Director.</p>	<p>Policy Board on Codes and Standards</p> <p>Boiler and Pressure Vessel Committee</p> <p>Subcommittee on Nuclear Power</p> <p>Task Group on Prestressed Concrete Reactor Vessels</p> <p>Ad hoc Committee for Pumps and Valves, Nuclear Power Reactor Applications</p> <p>Ad hoc Committee on Inspection in Service</p> <p>Power Test Codes Committee</p> <p>Power Test Codes Subcommittee-8, Centrifugal Pumps</p> <p>Power Test Codes Subcommittee-32, Nuclear Steam Supply System</p>	<p>R. P. Trowbridge General Motors Technical Center Engineering Standards Section Warren, Michigan 48090</p> <p>J. D. Wilding, ASME Staff Director, Codes and Standards American Society of Mechanical Engineers United Engineering Center 345 East 47th Street New York, N.Y. 10017</p> <p>F. S. G. Williams Taylor Forge and Pipe Works P. O. Box 485 Chicago, Illinois 60690</p> <p>B. F. Langer Westinghouse Electric Corp. Research and Development Center 1310 Benlak Road Pittsburgh, Pa. 15235</p> <p>C. Rogers McCullough Southern Nuclear Engineering, Inc. 6935 Arlington Road Bethesda, Maryland 20014</p> <p>W. R. Smith, Sr. General Electric Company APED M/C 612 175 Curtner Avenue San Jose, California 95125</p> <p>W. G. McLean Lafayette College Erie, Pa.</p> <p>W. T. Moore Babcock and Wilcox Company Atomic Energy Division P. O. Box 1260 Lynchburg, Va. 24505</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
				See committees and subcommittees.
				See subcommittees.
Boiler and Pressure Vessel Code, Section III, Nuclear Vessels	Section III	Approved	1965	1968 Edition scheduled for publication during 1st quarter of 1968. Will incorporate better defined and more sophisticated requirements for manufacturers eligibility for ASME N stamp, nondestructive examination procedures and qualification of inspectors.
Code for Prestressed Concrete Reactor Nuclear Vessels		Active		The task group has a first draft under study.
Code for Design and Manufacture of Pumps and Valves for Nuclear Power		Active		A second draft has been written, scheduled for committee approval by August 1. Board of Codes and Standards approved by September 1. Scope is directed to requirements for insuring pressure integrity.
		Proposed		Board on Codes and Standards is expected to establish this committee soon to develop a code for in-service examination and inspection for verification of pressure integrity, pressure vessels, piping, pumps and valves for nuclear power reactors.
Power Test Code on Centrifugal Pumps	PTC. 8.2 - 1965	Approved	1965	Machinery type performance acceptance tests.
a) Power Test Code for Nuclear Steam Supply System	PTC. 32.1	Active		Draft under discussion in committee. Expect circulation for industry comment soon.
b) Power Test Code for Nuclear Reactor Fuel Performance	PTC. 32.2	Active		Preliminary draft under study in committee. Will cover tests to determine the meeting of fuel warranties. A difficult job because there are no precedents.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
9. <u>American Society of Mechanical Engineers</u> (continued)	Power Test Codes Subcommittee-34, Nuclear Valves	W. C. Osborne Goulds Pumps, Inc. Seneca Falls, N. Y.
	Power Test Codes Subcommittee-35, Nuclear Pumps	W. C. Osborne Goulds Pumps, Inc. Seneca Falls, N. Y.
10. <u>American Society for Testing and Materials</u> The ASTM was founded in 1898 to promote the knowledge of materials of engineering and the standardization of specifications and testing methods. There are 11,800 members - engineers, scientists and skilled technicians holding memberships as individuals or as representatives of businesses, institutions, agencies, etc. The ASTM sponsors more than 125 research projects and has 90 technical committees (each with from 5 to 50 subcommittees) to keep pace with technological advances which have developed over 3200 standard test methods, specifications and recommended practices now in use. Among its several publications are an annual "Index to Standards" and the "Book of Standards." The staff of 125 is located at 1916 Race Street, Philadelphia, Pa. 19103; T. A. Marshall, Jr., Executive Secretary.	Coordinating Committee on Materials Specifications for Nuclear Service A. Ferrous Metals; Subcommittees A1-A10	W. R. Smith, Sr. General Electric Co. 175 Curtner Avenue San Jose, California 95125

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Code for Performance of Valves for Nuclear Power		Active		First draft under preparation. Hope to have code published by the end of 1968. Will cover in-service testing and inspection as well as acceptance tests of machinery type performance.
Code for In-Service Testing and Inspection for Performance of Pumps for Nuclear Power		Active		First draft under preparation. Hope to have code published by the end of 1968. Will cover in-service testing and inspection of machinery type performance.
See special committee below				ASTM has approximately 100 main technical committees generating standards; listed below are only those standards which we believe to be uniquely applicable to nuclear problems and which may have been generated in any one of the committees. The standards listed here are only a fraction of the ASTM standards which could conceivably be applicable to nuclear facilities and the reader is directed to the ASTM Yearbook listed in the Bibliography for the complete listing of all ASTM standards.
See list of standing ASTM committees				
Spec. for Forged or Rolled Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service	A-105-66	Approved	1966	
Spec. for Seamless Carbon-Steel Pipe for High-Temperature Service	A-106-65	Approved	1965	
Spec. for Electric-Fusion-Welded Steel Pipe for High-Temperature Service	A-155-66	Approved	1966	
Spec. for Forged or Rolled Alloy-Steel Pipe Flanges, Forged Fittings and Valves and Parts for High-Temperature Service	A-182-65	Approved	1965	Also approved as an Am. Std. by the ASA
Spec. for Alloy-Steel Bolting Materials for High-Temperature Service	A-193-65	Approved	1965	
Spec. for Carbon and Alloy Steel Nuts for Bolts for High-Pressure and High-Temperature Service	A-194-66	Approved	1966	
Spec. for High Tensile Strength Carbon-Silicon Steel Plates for Boilers and Other Pressure Vessels	A-212-65	Approved	1965	Discontinued, replaced by A-516-66
Spec. for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tubes	A-213-65	Approved	1965	

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
10. <u>American Society for Testing and Materials</u> (continued)	A. Ferrous Metals; Subcommittees A1-A10 (continued)	

B. Nonferrous Metals, Sub-
committees B1-B9

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Spec. for Corrosion-resisting Chromium and Chromium-Nickel Steel Plate, Sheet, and Strip for Fusion-Welded Unfired Pressure Vessels	A-240-63	Approved	1963	
Spec. for Welded Austenitic Steel Boiler, Superheater, Heat-Exchanger, and Condenser Tubes	A-249-65	Approved	1965	
Spec. for Seamless and Welded Austenitic Stainless Steel Tubing for General Service	A-269-65	Approved	1965	
Method of Magnetic Particle Testing and Inspection of Heavy Steel Forgings	A-275-61	Approved	1961	
Spec. for Manganese-Molybdenum-Nickel Steel Plates for Pressure Vessels	A-302-66	Approved	1966	
Spec. for Seamless and Welded Austenitic Stainless Steel Pipe	A-312-64	Approved	1964	
Spec. for Alloy Steel Seamless Drum Forgings	A-336-65	Approved	1965	
Spec. for Ferritic and Austenitic Steel Castings for High-Temperature Service	A-351-65	Approved	1965	
Spec. for Electric-Fusion-Welded Austenitic Chromium-Nickel Alloy Steel Pipe for High-Temperature Service	A-358-65	Approved	1965	
Spec. for Seamless Austenitic Steel Pipe for High-Temperature Central-Station Service	A-376-64	Approved	1964	Also approved as an Am. Std. by the AEA
Recommended Practice for Ultrasonic Testing and Inspection of Heavy Steel Forgings	A-388-59	Approved	1959	Being revised
Method and Spec. for Ultrasonic Testing and Inspection of Steel Plates of Firebox and Higher Quality	A-435-65	Approved	1965	
Spec. for Centrifugally-Cast Austenitic Steel Pipe for High-Temperature Service	A-451-66	Approved	1966	
Spec. for Centrifugally-Cast Austenitic Cold-Wrought Pipe for High-Temperature Service	A-452-65	Approved	1965	
Spec. for Carbon Steel Plates of Intermediate Tensile Strength for Fission-Welded Boilers and Other Pressure Vessels for Intermediate and Higher Temperature Service	A-515-66	Approved	1966	
Spec. for Carbon Steel Plates of Intermediate Tensile Strength for Fission-Welded Pressure Vessels for Atmospheric and Lower Temperature Service	A-516-66	Approved	1966	
Spec. for Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes	B-163-64	Approved	1964	
Spec. for Nickel-Chromium-Iron Alloy Rod and Bar	B-166-63	Approved	1963	Also approved as an Am. Std. by the ASA
Spec. for Nickel-Chromium-Iron Alloy Seamless Pipe and Tube	B-167-64	Approved	1964	Also approved as an Am. Std. by the ASA

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<hr/>		
10. <u>American Society for Testing and Materials</u> (continued)	B. Nonferrous Metals, Subcommittees B1-B9 (continued)	

C. Cementitious, Ceramic,
Concrete, and Masonry
Materials, Subcommittees
C1-C25

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Spec. for Nickel-Chromium-Iron Alloy Plate, Sheet, and Strip	B-168-63	Approved	1963	
Spec. for Titanium and Titanium-Alloy Strip, Sheet, and Plate	B-265-58T	Approved	1958	Tentative
Spec. for Titanium Sponge	B-299-64	Approved	1964	
Spec. for Seamless and Welded Unalloyed Titanium Tubing	B-338-65	Approved	1965	
Zirconium and Other Forces of Virgin Metal	B-349-64T	Approved	1964	Tentative
Zirconium and Zirconium-Alloy Ingots	B-350-64T	Approved	1964	Tentative
Spec. for Hot-Rolled and Cold-Finished Zirconium and Zirconium-Alloy Bars, Rod, and Wire for Nuclear Applications	B-351-64T	Approved	1964	Tentative
Spec. for Zirconium and Zirconium-Alloy Sheet, Strip, and Plate for Nuclear Applications	B-352-64T	Approved	1964	Tentative
Spec. for Wrought Zirconium and Zirconium-Alloy Seamless and Welded Tubes for Nuclear Service	B-353-64T	Approved	1964	Tentative
Spec. for Zirconium and Zirconium-Alloy Forgings and Extrusions for Nuclear Applications	B-356-64T	Approved	1964	Tentative
Spec. for Remelted Lithium Metal in Ingot Form	B-357-66	Approved	1966	
Spec. for Tantalum Ingots and Flat Mill Products	B-364-62T	Approved	1962	Tentative
Spec. for Tantalum Rod and Wire	B-365-62T	Approved	1962	Tentative
Spec. for Titanium and Titanium-Alloy Forgings	B-381-61T	Approved	1961	Tentative
Spec. for Primary Columbium Metal	B-383-64	Approved	1964	
Spec. for Columbium and Columbium Alloy Ingots	B-391-64	Approved	1964	
Spec. for Columbium and Columbium Alloy Bar, Rod, and Wire	B-392-64	Approved	1964	
Spec. for Columbium and Columbium Alloy Strip, Sheet, Foil and Plate	B-393-64	Approved	1964	
Spec. for Columbium and Columbium Alloy Seamless and Welded Tubes	B-394-62T	Approved	1962	Tentative
Spec. for Primary Hafnium Metal	B-414-64T	Approved	1964	Tentative
Spec. for Unalloyed Uranium Sponge and Other Forms	B-419-64T	Approved	1964	Tentative
Spec. for Unalloyed Uranium Castings	B-420-64T	Approved	1964	Tentative
Spec. for Unalloyed Uranium Melting Stock	B-420-64T	Approved	1964	Tentative
Method for Measurement of Lattice Spacing of Nuclear Graphite	C-558-65T	Approved	1965	Tentative
Method of Test for Density in Air of Manufactured Carbon and Graphite Articles by Physical Measurements	C-559-65T	Approved	1965	Tentative
Method for Chemical Analysis of Carbon and Graphite	C-560-65T	Approved	1965	Tentative
Methods of Test for Ash in Graphite	C-561-65T	Approved	1965	Tentative
Method of Test for Moisture in Graphite	C-562-65T	Approved	1965	Tentative

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
10. <u>American Society for Testing and Materials</u> (continued)	D. Miscellaneous Materials Subcommittees D1-D28	

E. Miscellaneous Subjects
Subcommittees E1-E20

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Test for Absorbed Gamma Radiation Dose in Fricke Dosimeter	D-1671-63	Approved	1963	Also approved as an Am. Std. by the ASA
Recommended Practice for Exposure of Polymeric Materials to High-Energy Radiation	D-1672-66	Approved	1966	
Measurement of Gamma Radioactivity of Industrial Water and Industrial Waste Water	D-1690-61	Approved	1961	
Recommended Practice for Exposure of Adhesive Specimens to High-Energy Radiation	D-1879-61T	Approved	1961	Tentative
Measurement of Beta Particle Radioactivity of Industrial Water and Industrial Waste Water	D-1890-66	Approved	1966	
Measurement of Alpha Particle Radioactivity of Industrial Water and Industrial Waste Water	D-1943-66	Approved	1966	
Test for Radioactive Strontium in Industrial Water and Industrial Waste Water	D-1944-66T	Approved	1966	Tentative
Method of Test for Radioactive Cobalt in Industrial Water and Industrial Waste Water	D-2185-63T	Approved	1963	Tentative
Methods of Testing Compression Set Induced in Vulcanizing Rubber During Exposure to High Energy Nuclear Radiation	D-2309-64T	Approved	1964	Tentative
Method of Test for Thorium in Industrial Water and Industrial Waste Water	D-2333-65T	Approved	1965	Tentative
Methods of Test for Radioactive Iodine in Industrial Water and Industrial Waste Water	D-2334-65T	Approved	1965	Tentative
Methods of Test for Radium-226 in Industrial Water and Industrial Waste Water	D-2335-65T	Approved	1965	Tentative
Methods of Calculation of Neutron Dose to Polymeric Materials and Application of Threshold-Foil Measurements	D-2365-65T	Approved	1965	Tentative
Recommended Practice for Radiographic Testing	E-94-62T	Approved	1962	Tentative
Method for Ultrasonic Contact Inspection of Weldments	E-162-66T	Approved	1966	Tentative
Definition of Terms Relating to Dosimetry	E-170-63	Approved	1963	
General Methods of Analysis of Radioisotopes	E-181-62	Approved	1962	
Methods for Analysis of Phosphorus-32	E-182-62	Approved	1962	
Recommended Practice for Determining Changes in Chemical Reactivity of Inorganic Materials Exposed to High-Energy Radiation	E-183-62	Approved	1962	
Recommended Practice for Effects of High-Energy Radiation on the Mechanical Properties of Metallic Materials	E-184-62	Approved	1962	

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
10. <u>American Society for Testing and Materials</u> (continued)	E. Miscellaneous Subjects Subcommittees E1-E20 (continued)	

11. American Standards Association
The ASA was founded in 1918 by five engineering societies which were soon joined by three departments of the Federal Government. Today it is a federation of 67 technical societies, trade associations, and consumer groups, with 72 similar groups as associate members. It draws its support primarily from its more than 2300 company members. The ASA was formed primarily as a national organization to provide

Francis K. McCune, President
Donald L. Peyton, Managing
Director
10 East 40th Street
New York, N. Y. 10016

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Recommended Practice for Surveillance Tests on Structural Materials in Nuclear Reactors	E-185-62	Approved	1962	
Methods for Chemical Analysis of Reactor and Commercial Columbium	E-195-63T	Approved	1963	Tentative
Method for Radiochemical Determination of Cs-137 in Aqueous Solutions	E-198-62T	Approved	1962	Tentative
Method for Determination of Uranium by Controlled-Potential Coulometry	E-217-63T	Approved	1963	Tentative
Method for Radiochemical Determination of Cs-137 in Aqueous Solutions (Chloroplatinate Method)	E-218-63T	Approved	1963	Tentative
Method of Test for Atom Per Cent Fission in Uranium Fuel (Radiochemical Method)	E-219-63T	Approved	1963	Tentative
Spec. for Metal-Sheathed Corrosion Resistant Thermocouples for Nuclear Service	E-235-64T	Approved	1964	Tentative
Method of Test for Atom Per Cent Fission in Uranium Fuel (Mass Spectrographic Method)	E-244-64T	Approved	1964	Tentative
Method for Colorimetric Determination of Uranium in Aqueous Solutions	E-245-64T	Approved	1964	Tentative
Method for Measuring Neutron Flux by Radioactivation Techniques	E-261-65T	Approved	1965	Tentative
✓ Method for Measuring Thermal Neutron Flux by Radioactivation Techniques	E-262-65T	Approved	1965	Tentative
✓ Method for Measuring Fast Neutron Flux by Radioactivation of Iron	E-263-65T	Approved	1965	Tentative
✓ Method for Measuring Fast Neutron Flux by Radioactivation of Nickel	E-264-65T	Approved	1965	Tentative
✓ Method for Measuring Fast Neutron Flux by Radioactivation of Sulfur	E-265-65T	Approved	1965	Tentative
✓ Method for Measuring Fast Neutron Flux by Radioactivation of Aluminum	E-266-65T	Approved	1965	Tentative
Method for Determination of Uranium and Plutonium Concentration and Isotopic Abundances	E-267-65T	Approved	1965	Tentative
Colorimetric Determination of Uranium in Aqueous Solutions	E-318-67T	Approved	1967	Tentative

The ASA was reconstituted as the USASI in 1966. As a part of the associated reorganization, the sectional committees under the Nuclear Standards Board have been completely reorganized and their work scope redefined. The new sectional committees are listed in this report under United States of America Standards Institute. Although the standards activities of the former sectional committees have been evaluated and reassigned

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>11. <u>American Standards Association</u> (continued) a systematic means for developing American Standards and to promote the development and use of national standards in the United States. The ASA is geared to approve standards as American Standard provided they are accepted by a consensus of all national groups substantially concerned with the scope and provisions and the ASA is interested in the coordination of standardization activities including acting as a clearing-house for information on American and foreign standards. The ASA performs its judicial functions through the Standards Council, which has vested its authority for approving standards in a Board of Review, elected from its own membership. A Committee on Procedure advises the Standards Council on all constitutional and procedural questions. The ASA Standards Council is assisted by 15 Standards Boards, each of which is responsible for a special field. The Nuclear Standards Board was established in June 1956 and is responsible for standards projects for industrial and commercial applications in the field of nuclear energy. The Nuclear Standards Board does not formulate standards, nor is it concerned with their technical content, except to insure coordination with other American Standards. The members of the Nuclear Standards Board represent 34 technical societies, trade associations and government agencies. The Board supervises the work of Sectional Committees and numerous Subcommittees. The ASA publishes a monthly newsletter, monthly magazine of standards and an annual proceedings. Its staff of 74 is located at 10 East 40th Street, New York, New York; R. E. Gay, Managing Director. As discussed in the Foreword to this report, the ASA has recently been rechartered as the United States of America Standards Institute (USASI) and its standards activities are in the process of being reorganized. As the reorganization will not be completed until the latter part of 1967, this report presents the organization as it was under ASA.</p>	<p>Nuclear Standards Board</p> <p>N1, Glossary of Terms in Nuclear Science and Technology</p> <p>N2, General and Administrative Standards for Nuclear Energy</p> <p>N2-1, Ionizing Radiation Symbol, Color Code, Signs, Labels, and Other Identifying or Warning Devices</p> <p>N2-2, Procedures for Industrial Exposure Records</p> <p>N2-3, Qualifications of Nuclear Professionals</p> <p>N2-4, Nuclear Terminology</p>	<p>Francis K. McCune, President Donald L. Peyton, Managing Director 10 East 40th Street New York, N. Y. 10016</p> <p>H. G. Lamb, Secretary 10 East 40th Street New York, New York 10016</p> <p>See remarks</p> <p>E. C. Barnes Atomic Defense and Space Group Westinghouse Electric Corp. P. O. Box 2278 Pittsburgh, Pennsylvania</p> <p>J. A. Martin Health and Safety Engineering Pratt and Whitney Aircraft 400 Main Street East Hartford 8, Conn.</p> <p>Arthur R. Keene, Manager Radiation Protection Dept. Battelle-Northwest Richland, Washington</p> <p>James G. Terrill Division of Radiological Health U. S. Public Health Service Department of Health, Education and Welfare Washington, D. C. 20201</p> <p>Lawrence Dresner Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tenn. 37830</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
				(continued) among the new sectional committees, these latter committees are not yet functioning because of the procedural requirements for obtaining committee members. Accordingly, all standards work previously associated with the former sectional committees are listed here. Where available, the sectional committee which will continue each standard activity in the new organization is indicated.
See subcommittees				
a) American Standard Glossary of Terms in Nuclear Science and Technology	N1.1-1957	Approved	1957	Committee dissolved - revision of document assigned to ASA N2-4; sponsored by National Academy of Sciences - National Research Council
See subcommittees				N2 is sponsored by Atomic Industrial Forum - represents U.S. on ISO-TC 85. Scope includes standards, specifications, and methods of administration associated with the peaceful use of nuclear energy including color codes, symbols, nomenclature, qualifications of professionals, records and reporting systems and procedures, and accountability of materials.
a) American Standard Radiation Symbol	N2.1-1960	Approved	1960	
b) Immediate Evacuation Alarm Signal		Active	1965	Latest draft being reviewed by full sectional committee prior to letter ballot - 5-66.
a) American Standard Practice for Occupational Radiation Exposure Records Systems	N2.2-1966	Approved	3-66	Following approval of standard, committee inactive
a) Qualifications of a Professional Nuclear Engineer		Withdrawn	1-65	Standard withdrawn pending consideration by the new committee N12
b) Qualifications of a Professional Health Physicist		Withdrawn	11-64	Standard withdrawn pending consideration by the new committee N12
a) International Nuclear Glossary		Active		The second draft of the first series of terms has been approved by ISO-TC-85. Editorial changes have been made and the first series of terms now has been published as "Draft ISO Recommendations No. 1164." This draft recommendation has been submitted to all the ISO member bodies for approval and is nearing the final stages of ratification that precedes final publication.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
11. <u>American Standards Association</u> (continued)	N2-4, Nuclear Terminology (continued)	Lawrence Dresner Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tenn. 37830
	N2-5, Model Codes and Regulations	Maurice Axelrad New York State Atomic and Space Development Authority 230 Park Avenue New York, New York 10017
	N2-6, Administrative Practices in Radiation Monitoring	Dade W. Moeller Kresge Center for Environmental Health 665 Huntington Avenue Boston, Mass. 02115
	Special Working Group on State Regulations	D. C. Fleckenstein General Electric Company One River Road Schenectady, New York
	Special Study Group on Radiological Emergency and Disaster Planning	F. Raymond Zintz Division of Biology & Medicine U. S. Atomic Energy Commission Washington, D. C.
	N3, Nuclear Instru- mentation	Louis Costrell National Bureau of Standards U. S. Department of Commerce Washington, D. C. 20234

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
b) American Standard Glossary of Terms in Nuclear Science and Technology	N1.1-1957	Approved	1957	The second draft of the USASI glossary has been approved by the sectional committee N2 and is now undergoing editorial changes prior to its submission to the Nuclear Standards Board. Publication is expected later in 1967.
a) Zoning Standards for Atomic Energy Facilities		Active	3-67	
b) Fireproofing of Storage Containers for Radioactive Materials		Inactive	2-65	
c) Model Regulations for Turnpikes and Authorities		Inactive		
a) Administrative Practices in Radiation Monitoring, Bio-assay Services, and Personnel Dosimetry		Active	1-67	Seventh draft has been reviewed by Sectional Committee and is being revised for resubmission for balloting.
Standard for Radiation Protection Regulations		Active	6-65	Agreement in working group on certain aspects of draft has not been achieved. Further work held in abeyance pending review by Sectional Committee and the Nuclear Standards Board - 5-66.
Radiological Emergency and Disaster Planning				Study group report recommended development of standard or guide for use in industry, research, and education. N2 Sectional Committee recommending to ASA the development of a much broader standard for emergency and disaster planning in all types of facilities - 5-66.
See subcommittees				N3 is sponsored by Institute of Electrical and Electronic Engineers (IEEE) - serves as advisory group to IEC TC 45. Scope includes standards, specifications and methods of testing for instrumentation in the nuclear field including instrumentation for personnel protection, reactor control, industrial processes, analysis and laboratory work, radiation calibration equipment and components therefor.
a) American Standard for Bases for G-M Counter Tubes	N3.1-1965	Approved	9-65	
b) American Standard on Interrelationship of Quartz-Fiber Electrometer Type Dosimeters and Companion Dosimeter Chargers	N3.2-1965	Approved	9-65	
c) Signal Connectors for Nuclear Instruments		Active	1966	Being voted upon by N3.
d) Methods of Testing G-M Counter Tubes		Active	1964	New draft to be prepared by Radiation Detectors Committee of IEEE Nuclear Science Group in collaboration with Electron Tubes Committee. N-3 will review and comment during draft stage.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
11. <u>American Standards Association</u> (continued)	N3, Nuclear Instru- mentation	Louis Costrell National Bureau of Standards U. S. Department of Commerce Washington, D. C. 20234
	N3-1, Index of Nuclear Instrumentation and Control Standardization Work	
	N3-2, Topical Structure	
	N3-3, Reactor Instru- mentation	J. Foster General Electric Company APED - M/C 037 175 Curtner Avenue San Jose, California 95125
	N4, Electrical Apparatus and Systems for the Nuclear Field	Sidney Tjepkema Commonwealth Associates, Inc. 209 East Washington Avenue Jackson, Michigan 49201
	N4-1, Electric Power Apparatus	M. E. Peterson, Manager Atomic Motor Products General Electric Company Schenectady 5, New York
	N4-2, Electric Auxiliary Power Systems	John M. Stevenson Nuclear Projects Office U.S. Maritime Administration, Code 34 Washington, D. C. 20235
	N4-3, Electric Control Systems and Apparatus	W. E. Bushnell Bechtel Corporation 190 Shady Grove Road P. O. Box 607 Gaithersburg, Maryland 20760
	N4-4, Environmental Classi- fication	L. H. Horn, Managing Engineer Underwriters' Laboratories P. O. Box 247 Northbrook, Illinois 60062
	N5, Nuclear Fuel Cycle Engineering	E. R. Johnson Nuclear Fuel Services, Inc. 906 Wheaton Plaza Blvd. Wheaton, Maryland 20902

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
e) Methods of Testing Semiconductor Detectors		Active	9-66	Draft being revised.
f) Methods of Testing Electronics for Semiconductor Detectors		Active	9-66	Draft being revised.
g) Standards for Gas Filled Proportional Counter Tubes		Proposed		Subcommittee being organized by Detectors Committee of IEEE Nuclear Science Group
a) Index of Nuclear Instrumentation and Control Standardization Work		Inactive	3-1-63	Activities of this subcommittee have been incorporated with those of N6-9.
		Inactive		The activities of this subcommittee have been dropped.
Proposed Standard for Nuclear Power Plant Protection Systems		Active	9-66	Being reviewed by N3-3.
See subcommittees				N4 is sponsored by Institute of Electrical and Electronics Engineers (IEEE) and the Edison Electric Institute. Scope includes standards for electrical power apparatus, systems and controls, used in the nuclear field.
a) Canned Motor Pumps for Nuclear Applications	Part 18, NEMA No. M64-1963	Withdrawn	5-21-62	NEMA has rescinded its standard. Subcommittee inactive.
a) Electrical Power Systems for Nuclear Service		Active	1966	Development of this standard has been delegated to IEEE/NSG/CORIC/SOS/b. Latest draft circulated to N4 for comment.
a) Standard for Vital Power Supplies		Inactive		
b) Installation Requirements for the Segregation of Instrumentation and Power Cables		Inactive		Subcommittee unable to initiate any specific project activity and is inactive.
c) Radiation Detectors for Nuclear and Process Applications		Withdrawn		
a) Guide for Classifying Electrical Insulating Materials Exposed to Neutron and Gamma Radiation		Approved	2-4-66	Ballotted in N4 in March, 1966.
See subcommittees. All subcommittees submitted report and work-in-progress documents to chairman for reassignment, 2-67				N5 is sponsored by American Institute of Chemical Engineers (AIChE). Scope includes standards, codes, specifications, and reports on the engineering aspects of the nuclear fuel cycle including fuel manufacture and fabrication, radioactive waste disposal, reprocessing of irradiated fuels, use and handling of radioisotopes and packaging and transportation of radioactive materials.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
11. <u>American Standards Association</u> (continued)	N5-1, Fuel Manufacture and Fabrication	Dr. H. Kling Hittman Assoc. 4715 E. Wabash Avenue Baltimore 15, Maryland

N5-2, Radioactive Waste
Disposal

J. A. Lieberman
Assistant Director for Nuclear
Safety
Division of Reactor Develop-
ment and Technology
U. S. Atomic Energy Commission
Washington, D. C. 20545

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
a) Specification for Nuclear Grade Uranium Metal Melt Stock	N5.4-1965	Approved	9-65	Issued.
b) Specification for Nuclear Grade Uranium Dioxide, Sinterable	N5.5-1965	Approved	9-65	Issued.
c) Specification for Nuclear Grade Uranium Dioxide, Compactable	N5.6-1965	Approved	9-65	
d) Plate-type Uranium-Aluminum Fuel		Active	1965	Prepared by ANS, sponsored by N5-1 for ASA adoption, resolved and transmitted to NSB for approval. Draft undergoing N5 balloting.
e) Uranium Dioxide Fuel Pellets		Active	1965	
f) Referee Methods for the Chemical Analysis of Nuclear Fuels	N5.7-1965	Approved	9-65	Issued.
g) Nuclear Grade Thorium Dioxide, Sinterable		Active	1965	Sixth draft ready for N5 ballot.
h) Nuclear Grade Thorium Dioxide, Compactible		Active	1965	First draft.
i) Nuclear Grade Plutonium Dioxide, Sinterable		Active	1965	Second draft ready for N5 ballot.
j) Nuclear Grade Plutonium Metal		Active	1965	Second draft.
k) Analytical Method for Determining Organic Material in Nuclear Fuel		Active	1965	Second draft.
l) Plutonium Standard for Referee Methods of Analysis for Plutonium Compounds		Active	11-65	Currently under preparation.
m) Referee Methods of Analysis for Thorium Compounds		Active	11-65	Currently under preparation.
n) Referee Methods for the Chemical Analysis of Plutonium-Bearing Fuels		Active	11-65	Currently under preparation.
o) Referee Methods for the Chemical Analysis of Thorium-Bearing Fuels		Active	11-65	Currently under preparation.
p) Referee Methods for Determining the Density of Solid Fuel Materials		Active	11-65	Draft undergoing N5 balloting.
q) Uranium-Aluminum Alloy Fuel		Inactive		Proposed project.
r) Nuclear Grade Uranium Dioxide-Plutonium Dioxide Fuel Mixture		Active	11-65	Currently under preparation.
s) High Cross Section Materials for Nuclear Poisoning		Inactive		Proposed project.
t) Standardization in the Milling and Concentration of Nuclear Fuel Feed Materials		Inactive		Proposed project.
u) Nuclear Grade Uranium Carbide		Active		Under preparation.
a) Definition of Radioactive Waste Categories		Active	5-64	Approved by N5-2 & N5, submitted to Nucl. Standards Board.
b) Current Practices in the Disposal of Radioactive Wastes from Operation of Uranium Mills and Mines		Approved		Published by A.I.Ch.E., 10 E. 40th St., New York, N.Y. Available at \$2.00/copy.
c) Current Practices in the Disposal of Radioactive Waste Gases from Nuclear Reactors		Approved		Published by A.I.Ch.E., 10 E. 40th St., New York, N.Y. Available at \$2.00/copy.
d) Current Practices in the Handling and Storage of Solid Radioactive Wastes from the Operation of Nuclear Reactors		Approved		Published by A.I.Ch.E., 10 E. 40th St., New York, N.Y. Available at \$2.00/copy.
e) Disposal of Radioactive Waste from Radiochemical Plants		Inactive		Have a brief bibliography (15 entries).

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
11. <u>American Standards Association</u> (continued)	N5-2, Radioactive Waste Disposal (cont'd)	J. A. Lieberman Assistant Director for Nuclear Safety Division of Reactor Develop- ment and Technology U. S. Atomic Energy Commission Washington, D. C. 20545
	N5-3, Recovery of Irra- diated Fuel	R. J. Christl Atomic Energy Division E. I. du Pont de Nemours & Co. Wilmington 98, Delaware
	N5-4, Use and Handling of Radioisotopes and High-Energy Radiation	E. E. Beauchamp Radioisotope Production Oak Ridge National Laboratory Oak Ridge, Tennessee
	N5-5, Packaging and Transportation of Radioactive Material	W. A. Smith, Jr. National Lead of Ohio P. O. Box 39158 Cincinnati, Ohio

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
f) Units for Reporting Radiation Levels		Active	7-63	Undergoing N5 ballot action
g) Disposal of Radioactive Materials by Isotope Users		Active		Currently under preparation
h) Disposal of Wastes from Nuclear Fuel Fabrication Operations		Active		Completed and submitted for publication
i) Disposal of Liquid Wastes from Water-Cooled Nuclear Reactors		Active		Second draft
j) Testing High Efficiency Filters		Active		Completed, voted 3-67
k) Radioactive Waste Disposal - Performance Criteria for Waste Management Components and Systems; Specific Instrumentation Performance, Sensitivity and Reliability		Inactive		Under consideration
a) Site Criteria for Radiochemical Plants		Inactive		
b) Chemical Processing in the Chemical Separation of Isotopes		Inactive		
c) Irradiated Fuels Processing Accountability Standard		Active	4-63	Draft to be submitted to N5
d) Standard for Criticality Control in Radiochemical Processing		Active		Under consideration
e) Guide for Nuclear Materials Control Measurement of Source and Special Nuclear Materials in Chemical Processing Plants		Active		5-64 draft submitted for N5 ballot action December 1, 1964, revised and ballot, 1-67
f) Guide for Protective Coatings for the Nuclear Industry		Active		Completed and approved
a) American Standard Design Guide for a Radioisotope Laboratory, Type R	N5.2-1963	Approved	1963	
b) Design Guide for Radioactive Storage Facilities for Radioisotope Lab., Type B		Active		Currently under preparation
c) Design Guide for Air Filter Installation for Radioactive Gases		Inactive		
d) Sealed Source Standard		Active		In preparation. Balloting - 3-67
e) Standard for Unsealed Sources		Active		Represents U.S. on ISO Beta Ray Sources TC 85/SC4/WG3
f) Standard for Source Certification for Unsealed Sources		Active		Represents U.S. on ISO Unsealed Sources TC 85/SC4/WG2
g) Guide for the Quality of Processing Plant Products		Active		
h) In-place Testing of High Efficiency Filters		Active		
a) American Standard Guide to Practice in Transportation of Source and Special Nuclear Materials Before Irradiation	N5.1-1962	Approved	1962	
b) American Standard Guide for Design and Operation of Shipping Containers for Irradiated Solid Fuel from Nuclear Reactors	N5.3-1964	Approved	12-64	
c) American Standard Guide to Practice in Transportation of Radioactive Wastes		Active		

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
11. <u>American Standards Association</u> (continued)	N5-5, Packaging and Transportation of of Radioactive Material (continued)	W. A. Smith, Jr. National Lead of Ohio P. O. Box 39158 Cincinnati, Ohio.
	N6, Reactor Safety	M. C. Leverett General Electric Co. (NTD) 175 Curtner Avenue M/C 402 San Jose, California 95125
	Special Ad Hoc Committee on Safety Criteria for PWRs	C. Rogers McCullough Southern Nuclear Engineering, Inc. 6935 Arlington Road Bethesda, Maryland 20014
	N6-1, Site Evaluation	
	N6-2, Containment	R. N. Bergstrom Sargent & Lundy Engineers 140 South Dearborn Street Chicago, Illinois
	N6-3, Fuel and Fluid Systems Within a Reactor	W. A. Gumprich Babcock & Wilcox Co. 1201 Kemper Street Lynchburg, Virginia
	N6-4, Reactor Dynamics and Control Requirements	
	N6-5, Instrumentation and Execution of Control Requirements	L. H. Horn Underwriters Laboratories, Inc. P. O. Box 247 Northbrook, Ill. 60062
	N6-6, Operation, Oper- ator Qualifications, Inspection Main- tenance and Records	Charles F. Jones Nuclear Utility Services, Inc. 1025 Connecticut Avenue, N.W. Washington, D. C.

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
d) Standard on Packaging and Shipment of Radioactive Waste		Active	3-63	Mr. George Koppel, temporary chairman of N5-5/WG3 will re-organize this activity
e) Attachment of Irradiated Fuel Casks to Vehicles		Active		Currently under preparation
See subcommittees				N6 is sponsored jointly by American Nuclear Society (ANS) and the American Society for Mechanical Engineers (ASME). Scope includes codes and standards concerned with the hazards involved in the design, location, construction, and operation of nuclear reactors and of potential critical assemblies. N6 is scheduled to complete its activities and disband by the close of 1967. Residual standards activities will be reassigned to the appropriate "N" committee under the new organization of NSB.
Nuclear Safety Criteria for the Design of Pressurized Water Reactor Plants		Active	2-2-67	For use by industry and the AEC in the nuclear power plant licensing process. 2-2-67 draft balloted by N6 in April 67. Ad Hoc Committee preparing a second draft responsive to comments received. Eventually responsibility for this project is expected to be transferred to N18.
				Subcommittee dissolved, see ANS-2
a) American Standard for the Design, Fabrication, and Maintenance of Steel Containment Structures for Stationary Nuclear Power Reactors	N6.2-1965	Approved	4-65	Maintenance responsibility for this standard will probably be reassigned to N45.
b) Criteria for Reinforced Concrete Reactor Containment and Nuclear Structures				The standard is being developed under the auspices of ACI. Responsibility for NSB interests in this project will probably be reassigned to N45.
a) Safety Standard for Reactor Fluid Systems and Fuel Within the Reactor		Inactive	12-64	No work done on this project since 1965. Future is uncertain.
a) Standard for Safety Evaluation of Reactor Stability and Control		Inactive	6-63	Subcommittee dissolved; standard referred to ANS-4 for further development.
a) Nuclear Power Plant Protection Systems		Active	9-13-66	Standard developed by IEEE at N6 request. N6 balloted in May 67 with no dissenting vote. N6 awaiting comments from N3.
a) Proposed Safety Standard for the Operation and Maintenance of Power and Production Reactors		Inactive	1963	The existing draft on this standard was superseded by the AEC's "Requirements for Operator Certification" - the committee has no plans to publish or revise its draft standard.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
11. <u>American Standards Association</u> (continued)	N6-7, Failure Probabilities and Maximum Credible Accidents	
	N6-8, Fissionable Material Outside Reactors	
	N6-9, Index of American and Foreign Nuclear Safety Standards	Wm. B. Cottrell Oak Ridge National Laboratory P. O. Box Y Oak Ridge, Tennessee 37830
	N7, Radiation Protection	John W. Healy General Electric Company One River Road Schenectady, New York
	N7-1, Uranium Mills and Mines	Duncan A. Holaday U. S. Public Health Service P. O. Box 2539 Salt Lake City 13, Utah
	N7-2, Air and Water Sampling	L. C. Schwendiman Battelle Northwest P. O. Box 999 Richland, Washington 99352
	N7-3, Radiation Control Instruments	E. J. Vallario Division of Operational Safety U.S. Atomic Energy Commission Washington, D. C. 20545

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
				Dissolved; see ANS-5
a) American Standard for Operation with Fissionable Materials Outside Reactors	N6.1-1964	Approved	1964	This subcommittee, N6-8, has been dissolved and the work is being performed by ANS-8. ANS-8 has prepared a revision of this standard as of 10-21-65 (see ANS-8).
a) Compilation of American Nuclear Standards	ORNL-NSIC-30	Approved	12-66	Fourth edition to be published Dec. 1967 to be reissued annually.
b) Compilation of National and International Nuclear Standards (excluding U.S. Standards)	ORNL-NSIC-18	Approved	6-66	Third edition to be published Summer 1967. This subcommittee is being reconstituted as a committee of the Nuclear Safety Standards Board.
See subcommittees				N7 is sponsored jointly by the Atomic Industrial Forum (AIF) and the National Safety Council (NSC). As a result of the N7 reorganization and program reassessment, several subcommittee changes have been made. These are indicated below. Scope includes safety standards for the protection of persons employed in facilities associated with the production and utilization of fissionable materials against the normal, routine hazards present in such facilities (facilities include mines, mills, refineries, separation plants, fuel element processing plants, working areas around nuclear reactors of all types, and transportation, and purification of "spent fuel elements" and gross fission products).
a) American Standard for Radiation Protection in Uranium Mills and Mines (concentrators)	N7.1-1960	Approved	1960	At the present time, the Federal Radiation Council is studying the current guidelines on radiation protection for workers in uranium mines. The N7 committee will delay revision of its standard on this subject until these guidelines become available. This standard will indicate procedures to implement the guidelines.
b) American Standard for Radiation Protection in Thorium Mills and Mines (concentrators)		Active		Holaday and Mason looking into feasibility of a standard.
a) American Standard for Radiation Protection in Air and Water Sampling		Active	6-66	A final draft is under review by members of the ISO/TC 85/SC2 Working Group.
a) American Standard for Radiation Measuring Instruments		Active	6-66	A rough draft will be reviewed by members of the ISO/TC/85/SC2 Working Group.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
11. <u>American Standards Association</u> (continued)	N7-4, Photographic Dosimeters	R. J. Catlin Division of Safety Standards U. S. Atomic Energy Commission Washington, D. C. 20545
	N7-5, Criticality Accident Dosimetry	vacant
	N7-6, Environmental Monitoring	C. L. Weaver U.S. Public Health Service 1901 Chapman Avenue-Annex Rockville, Maryland 20852
	N7-7, Decontamination	vacant
	N101, Atomic Energy Facility Design and Operating Criteria	M. M. Braidech American Insurance Association 85 John Street New York, N. Y. 10038
	B31, Code for Pressure Piping	H. M. Howarth American Oil Company P. O. Box 710 Whiting, Indiana
	B31-7, Nuclear Piping	W. R. Gall Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tennessee 37830
	Z54, Industrial Use of X-Rays and Radiation	Scott W. Smith Radiation Physics Laboratory National Bureau of Standards Washington, D. C.
	Z54-1, General Provisions - Methods and Materials of Protection	C. B. Braestrup Francis Delafield Hospital 99 Fort Washington Avenue New York 32, New York
	Z54-2, Health Provisions and Monitoring	G. C. Henry Temple University School of Medicine Broad Street at Ontario Philadelphia 40, Pennsylvania
	Z54-3, X-Ray Protection for Installations up to 2 Million Volts	D. T. O'Conner Magnavox Corporation 7300 West Lawrence Avenue Chicago 31, Illinois
	Z54-4, Protection for Installations Above 2000 Kv	R. Holste

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
a) American Standard for the Use of Film Dosimeters		Active	6-66	A draft standard is to be prepared.
b) Criteria for Certification Procedures in the Processing of Film Badges		Active	6-66	Plans to prepare minimum standards for performance and advice on processing liaison with American Sanitation Foundation.
a) American Standard for Criticality Accident Dosimetry		Active	6-66	A draft standard is being prepared by a two-man working group.
a) Environmental Monitoring for Power Reactors		Active	6-66	An attempt is being made to establish the need for such a standard.
a) American Standard for Radiation Protection in Nuclear Reactor Fuel Fabrication Plants	N7.7	Approved	1963	
b) Decontamination of Unbroken Skin Surfaces		Active	6-66	Initial effort will be compilation of effective methods.
c) Decontamination of Other Surfaces		Active	6-66	Initial effort to be literature review and assessment of feasibility of a standard.
Standards for Location, Design, Construction, and Operation of Atomic Facilities, except Reactors				Sponsored by AICHE.
See subcommittees				B31 is sponsored by the American Society for Mechanical Engineers (ASME).
a) American Standard Code for Nuclear Power Piping	B31.7	Active		Extensive comments on first draft incorporated into a second draft, which will probably require further review and another draft.
See subcommittees				Z54 is sponsored by the National Bureau of Standards (NBS).
a) American Standard Safety Standard for Non-Medical X-Ray and Gamma-Ray Sources	Z54.1-1963	Approved	1-3-64	Issued as NBS-93, being reprinted following sellout of 10,000 copies of first edition, committee inactive until a revision becomes required.
		Inactive		Subcommittee inactive, preliminary report prepared several years ago.
		Inactive		Subcommittee inactive, preliminary report prepared several years ago.
		Inactive		Subcommittee inactive, report not prepared but urgently needed.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
11. <u>American Standards Association</u> (continued)	Z54-5, Gamma-Ray Sources for Industrial Radio- graphy	H. Blatz 86 Wilson Place Freeport, New York
	Z54-6, Electrical and Fire Protection	W. Lusby Westinghouse Electric Corp. 2519 Wilkens Avenue Baltimore, Maryland
	Z54-7, X-Ray Diffraction, Fluorescence Analysis and Microradiography	Wm. Parrish Phillips Laboratories Irvington-on-Hudson New York, New York
	Z54-8, Sealed Beta Sources	vacant
	Z54-9, Contamination Levels for Industrial Materials	B. R. Fish Health Physics Division Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tennessee 37830
	Z56, Model Laws and Ordinances, sponsored by the National Bureau of Standards (NBS)	None
	Z88, Respiratory Protection	
12. <u>American Welding Society</u> The AWS was founded in 1919, as a non-profit organization, for ad- vancing the science and art of welding and related processes. Today the society consists of 17,500 members with over 100 sections throughout the country. The technical committees of the AWS prepare standards such as codes, specifications, recommended practices and technical reports. The standards emanating from these committees represent four broad categories: 1) <u>Welding Funda- mentals</u> including symbols, testing, definitions, filler metals, and safety; 2) <u>Welding Processes</u> includ- ing resistance welding, metallizing, brazing and soldering; 3) <u>Inspection of Welds and Qualification</u> of welders and procedures; 4) <u>Industrial Appli- cations of Welding</u> pertaining to buildings, bridges, ships, storage tanks, automotive, piping and aerospace. The technical committees	E. A. Fenton 345 East 47th Street New York, New York 10017	

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
		Inactive		Subcommittee inactive, prepared several drafts. NBS-93 has much of the basic material on gamma-ray sources which is given in the NCRP Report No. 24 (NBS Handbook 73); however, further material is needed.
		Inactive		Subcommittee inactive, report prepared but needs to be re-studied.
		Inactive		Subcommittee inactive, prepared several progress reports.
a) Industrial Beta-Ray Sources, Safe Design and Use		Approved	1958	This committee prepared ASA Standard, "Safe Design and Use of Industrial Beta-Ray Sources" published May 28, 1958, as NBS Handbook 66. Following publication of the handbook, the committee became inactive. When a revision of Handbook 66 is needed, it will be necessary to form a new committee.
a) Contamination Levels of Industrial Materials		Active		Committee being reorganized with an organization meeting planned for summer 1966.
a) Nationally Recognized Standards in State Laws and Local Ordinances		Approved	1949	Standard activity in form of a status report as of 1947; subcommittee inactive.
	Z-88.1	Active		Latest draft ready for ballot. (USASI Z2.1-1959 applies at present).
a) Welding Ferrous Materials for Nuclear Power Piping	D10.5	Approved	1959	
b) Safety in Welding and Cutting	Z49.1	Approved	1958	Being revised.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>12. <u>American Welding Society (cont'd)</u> are composed of approximately 700 experts from the academic community, the government and industry, including producers and consumers, to ensure that the standards reflect the best industrial practices. Symposiums and technical meetings may be held to gather information for standards. The society co-operates with other organizations in the preparation and review of standards if they include welding. The AWS is also involved in the preparation of standards on the international level. As an active member of Commission VII of the International Institute of Welding, liaison is maintained with the ISO committee on welding. The society acts as technical advisor to the American representation on the IEC Committee on Welding.</p>		
<p>13. <u>Association of American Railroads</u> The AAR is an outgrowth of the American Railway Association which was established in 1891. Through its several divisions and their working committees, the AAR coordinates the operations of 288 individual companies that make up the North American rail network. From the standpoint of radiation protection, their principal activities are conducted by the Bureau of Explosives and Freight Loading and Container Section. Its staff of 550 constitutes the central coordinating and research agency of the American railroad industry, and has its principal office at the Transportation Building, Washington, D. C.; Daniel P. Loomes, President.</p>	<p>Bureau of Explosives (see remarks)</p>	<p>Bureau of Explosives Association of American Railroads 63 Vessey Street New York, New York 10007</p>
<p>14. <u>Atomic Industrial Forum</u> The AIF is a nonprofit membership association of industry, business, research, labor and educational institutions concerned with the development and utilization of nuclear energy for constructive purposes. The Forum's membership includes 350 organizations in the United States and 19 other countries of the free world. The Forum's main activity centers on solving the problems facing broad</p>	<p>A. Ad Hoc Study Group on Toll Enrichment</p> <p>B. Committee on Mining and Milling</p>	<p>Charles Robbins Executive Secretary 850 Third Avenue New York 22, New York</p> <p>Maj. Gen. K. D. Nichols 1701 N. Kent Street Arlington, Virginia 22209</p> <p>A. Payne Kibbe Kibbe and Company First Security Building Salt Lake City, Utah 84111</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
a) Criteria for Containers for the Shipment of Radio- active Materials	Freight Tariff #19	Approved	1966	<p>The Bureau of Explosives had its origin when officials of the Pennsylvania Railroad advocated before the American Railway Association the appointment of committee to prepare regulations to promote the safe transportation of explosives. In the intervening years, the Bureau has contributed significantly to railroad safety, as exemplified by the fact that Federal regulations assign to the Bureau certain functions in connection with the preparation and administration of the ICC rules. In 1946 and 1947, when it was recognized that there was a need for regulations governing the transportation of radioactive materials by common carriers in interstate commerce, the Bureau coordinated the information then available and recommended to the ICC the adoption of regulations for such transportation. Since that time, members of the Bureau have served on a number of committees active in this area.</p>
See committees		Active		Develop policy and procedures for uranium enrichment services.
		Active		Review legislation relating to private ownership of nuclear fuels.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
14. <u>Atomic Industrial Forum</u> (cont'd) segments of the atomic industry. Its purposes are to: foster and encourage atomic energy development; provide a forum in which individuals and organizations may cooperate in resolving problems; promote dissemination of knowledge and understanding of atomic energy; and foster and encourage atomic energy research and development. Toward this end a major part of the work of the Forum is handled by Committees supplemented by study or working groups. Those relating to nuclear safety are tabulated here. The Forum has a staff of 25, publishes a monthly journal and is located at 850 Third Avenue, New York, N.Y.; Charles Robbins, Executive Manager	C. Nuclear Liability and Insurance Working Group	Robert R. McKay, Jr., Assoc. Dean New York University School of Law Washington Square New York, New York 10003
	D. Price-Anderson Study Group	Walter A. Hamilton United Nuclear Corporation White Plains, New York
	E. Ad Hoc Committee on Isotope Production and Distribution	Edwin A. Wiggin Atomic Industrial Forum, Inc. 850 Third Avenue New York, New York 10022
	F. Ad Hoc Committee on Nuclear Power for Saline Water Conversion	Kenneth A. Roe Burns and Roe, Inc. 160 West Broadway New York, New York 10013
	G. Ad Hoc Committee on the Nuclear Space Program	Russell D. O'Neal Aero-Space Systems The Bendix Corporation Fisher Building Detroit, Michigan 48202
	H. Subcommittee on Space Safety	Douglas G. Harvey, Manager Polonium RTG Project Martin Company Baltimore, Maryland 21203
	I. Steering Committee of the Public Understanding Program	Richard H. Chamberlain University of Pennsylvania Philadelphia, Pa.
	J. Committee on Reactor Safety	Harold Vann, Vice-President Jackson and Moreland, Inc. 600 Park Square Bldg. Boston, Mass. 02116
	K. Committee on Shipment of Nuclear Materials	Arthur R. Matheson Materials Applications Manager General Atomic Co. P. O. Box 608 San Diego, California
	L. Ad Hoc Committee on Reactor Regulation	James H. Campbell Consumers Power Program 212 W. Michigan Avenue Jackson, Michigan 49201
	M. Ad Hoc Committee on Practical Value	Mowton L. Waring Consolidated Edison Co. of New York 4 Irving Place New York, New York 10003
	N. Committee on Standard Control Clauses	Oscar F. Gray Nuclear Materials and Equipment Corporation 700 Warren Street Apollo, Pa.
	O. Subcommittee on Cost Principles	Richard H. Harrison Babcock and Wilcox Co. 1201 Kemper Street Lynchburg, Virginia

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
		Active		Working with the two property insurance pools to review proposed changes in the standard policies.
		Active		Review proposed amendments to the Price-Anderson indemnity legislation.
		Active		Review AEC policies regarding supply and production of isotopes.
		Active		
See subcommittee		Active		
		Active		Committee to evaluate the information developed by the nuclear space safety research program.
		Active		
		Active		Not preparing any standard at the present time, but evaluating AEC activities as the Nuclear Safety Program and the proposed Technical Specifications.
		Active		Working with ANS-8 and the AEC regarding specifications for shipping containers.
		Active		Committee set up to review AEC policies and procedures for licensing and regulating power reactors.
		Active		
Standard Contract Clauses for Warrantees and Acceptance Property, Drawings, and Changes		Active		Committee received and commented on two AEC drafts of standard contract clauses.
		Active		

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
14. <u>Atomic Industrial Forum</u> (cont'd)	P. Ad Hoc Committee on International Affairs	John W. Landes Babcock and Wilcox Co. 1201 Kemper Street Lynchburg, Virginia
	Q. Committee on Nuclear Materials Control	Ralph F. Lumb Western New York Nuclear Research Center, Inc. Power Drive Buffalo, New York
	R. Ad Hoc Committee on Workman's Compensation	Walter A. Hamilton United Nuclear Corp. White Plains, New York
	S. Subcommittee on Radiation Exposure Records	E. C. Barnes Westinghouse Electric Corp. P. O. Box 2278 Pittsburgh, Pa. 15230
15. <u>Civil Aeronautics Board</u> The basis for all federal regulations and promotion of civil aviation in the United States is the Civil Aeronautics Act of 1938. In 1940 the Agency established by this act was divided into the Civil Aeronautics Administration and the Civil Aeronautics Board which had the responsibility, under the U. S. Department of Commerce, for the regulation of the transportation of radioactive materials by air. These were later given greater autonomy when the Federal Aviation Agency was created under the Federal Aviation act of 1958 (see resume of FAA activities).		C. C. Squire, General Manager Airlines Tariff Publishers, Inc. 1000 Connecticut Avenue, NW Washington, D. C. 20545
16. <u>Edison Electric Institute</u> The Edison Electric Institute was founded in 1933 and now has as members about 200 investor-owned electric power operating companies throughout the United States. Most of its work is done by committees composed of representatives from its member companies. These committee activities cover engineering and operation, finance, sales, administration, accounting, personnel and a host of other subjects. In addition to providing a means for the exchange of information and experience among members companies, the EEI also provides a mechanism for joint work on an industry basis with other industry and standardizing bodies. A major part of its standard activities are carried out through representation on Committees of the USA Standards Institute.		Edwin Vennard, Vice President and Managing Director Edison Electric Institute 750 Third Avenue New York, N. Y. 10017

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
		Active		
Procedures for Fuel Pro- cessors to Minimize Shipper vs. Receiver Differences in the Recovery of Un- irradiated Reactor fuel Scrap		Active		
Also see subcommittee		Active		Committee reviewing proposed standards and regulations re- lating to Workman's Compensation and radiation records.
		Active		Reviewing AEC proposed draft of records and reports system for radiation workers.
	Tariff #6-D	Approved	9-1-65	Official air transport restricted articles tariff.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>17. <u>Environmental Science Services Administration</u> The Environmental Science Services Administration was established in 1965 by combining what was then the U. S. Weather Bureau and the U. S. Coast and Geodetic Survey in the Department of Commerce. The USWB was originally established under the Department of Agriculture in 1891 and in 1940 was moved to the Department of Commerce. With the reorganization under ESSA, the Weather Bureau became primarily the operational unit of the national weather service with the main office in Silver Spring, Maryland and supplemented by some 400 stations located throughout the United States. Meteorological research was placed in a separate unit, called the Institute of Atmospheric Sciences with headquarters in Boulder, Colorado but with components such as the Air Resources Laboratory headquartered in Silver Spring, Maryland. Early in the development of atomic energy, it was realized that the atomic industry's processing and production facilities could release to the atmosphere a significant quantity of radioactive materials. In addition, it was recognized that the operation of nuclear reactors could, as the result of an accident, cause the release of both fission products and nuclear fuel to the atmosphere and that meteorology could play an important role in determining their movement and distribution. For these reasons what is now the Institute for Atmospheric Sciences within ESSA has been very active in evaluating the movement of airborne radioactive materials. In addition, this agency has participated in a number of studies on nuclear weapons testing.</p>		<p>Dr. Lester Machta, Director Air Resources Laboratory Institute for Atmospheric Sciences Environmental Science Services Administration Silver Spring, Maryland 20910</p>
<p>18. <u>Federal Aviation Agency</u> The basis for all federal regulation and promotion of civil aviation in the United States is the Civil Aeronautics Act of 1938. In 1940 the Agency established by this Act was divided into the Civil Aeronautics Administration and the Civil Aeronautics Board, which had the responsibility, under the U.S. Department of Commerce, for the regulation of the transportation of radioactive materials by air. These were later given greater autonomy when the Federal Aviation Agency was created under the Federal Aviation Act of 1958. Its Civil Air Regulations, covering the transportation of explosives and other dangerous articles, constitute Title 14 of the Code of Federal Regulations.</p>		<p>Chairman, FAA 800 Independence Ave., SW Washington, D. C. 20553</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Meteorology and Atomic Energy	AECU-3066	7-55	Revision in press 5-67.	

Transportation of Explosives and Other Dangerous Articles	14 CFR 49	Approved
Special Civil Air Regulations	Reg. SR-132	Approved
Transportation of Dangerous	14 CFR 103	Approved
Articles and Magnetized Materials		

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>19. <u>Federal Interagency Commission on Transportation of Radioactive Materials</u> As an outgrowth of the fact that so many governmental agencies are involved in making recommendations for the safe transport of radioactive materials, an Interagency Committee was formed in 1957 to establish uniformly acceptable rules. The Committee is composed of representatives of the Interstate Commerce Commission, U. S. Coast Guard, Federal Aviation Agency, U. S. Post Office Department, U.S. Atomic Energy Commission, and Bureau of Explosives, American Association of Railroads.</p>		<p>Robert F. Barker Division of Safety Standards U. S. Atomic Energy Commission Washington, D. C. 20545</p>
<p>20. <u>Federal Radiation Council</u> The FRC was created in 1959 by Public Law 86-373 to "...advise the President with respect to radiation matters, directly or indirectly affecting health, including guidance for all federal agencies in the formulation of radiation standards and in the establishment and execution of programs of cooperation with states..." In the past, the various governmental agencies, as well as other users of radiation, have tended to follow the recommendations of such unofficial groups as the National Committee on Radiation Protection (NCRP), the American Standards Association (ASA), or the International Commission on Radiological Protection (ICRP). Since its establishment in 1959, the FRC has prepared 7 formal documents as listed herein. Its office is Room 731, 1800 G Street, NW, Washington, D. C., 20449.</p>		<p>Secretary of the Department of Health, Education, and Welfare 330 Independence Avenue, SW, Washington, D. C. 20201</p>
<p>21. <u>Institute of Electrical and Electronics Engineers</u> The IEEE was formed through the amalgamation in 1963, of the American Institute of Electrical Engineers (AIEE) and the Institute of Radio Engineers (IRE). The former organization was founded in 1884 and the present membership of the IEEE is over 156,000. It encompasses engineers and scientists in electrical engineering, electronics and allied fields and includes 30,000 students. The Institute holds numerous meetings and conferences. It has over 100 technical committees and two regular monthly publications as well as several transactions, a directory, and a student publication. The</p>	<p>Nuclear Science Group (NSG)</p> <p>Technical Committee on Reactor Instrumentation and Control (NSG/RIC)</p> <p>Standards Subcommittee (NSG/RIC/Std. S.C.)</p>	<p>R. G. Mills Plasma Physics Laboratory Princeton University Princeton, New Jersey</p> <p>J. Forster General Electric Company APED - M/C 037 175 Curtner Avenue San Jose, California 95125</p> <p>J. C. Russ General Electric Company APED - M/C 622 175 Curtner Avenue San Jose, California 95125</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Technical Standards to be Used as a Basis for the Preparation of Regulations for the Safe Transport of Radioactive Materials		Inactive		
a) Background Material for Development of Radiation Protection Standards	FRC 1	Approved	5-60	
b) Background Material for Development of Radiation Protection Standards	FRC 2	Approved	9-61	
c) Health Implications of Fallout from Nuclear Weapons Testing Through 1961	FRC 3	Approved	5-62	
d) Estimates and Evaluations of Fallout in the United States from Weapons Testing Conducted through 1962	FRC 4	Approved	5-63	
e) Background Material for the Development of Radiation Protection Standards	FRC 5	Approved	1964	
f) Revised Fallout Estimates for 1964-1965 and Verification of the 1963 Predictions	FRC 6	Approved	1964	
g) Protective Action Guides for Environmental Sr-89, Sr-90, and Cs-137 Contamination	FRC 7	Approved	5-65	
h) Adequacy of Technical, Biological and Economic Factors in Current Guidelines on Radiation Protection for Workers in Underground Uranium Mines		Active		Hope to complete an active guideline in 1967.
See committees and subcommittees				
See standards subcommittee (NSG/RIC/Std. S.C.)				
a) Nuclear Power Plant Protection Systems		Active	9-13-66 (8th draft)	The subcommittee has strong liaison representation from the Power Groups (PG) Technical Committee on Power Generation. Referred by Nuclear Standards Board to USASI/N6 and USASI/N42 for review and recommendation. Letter ballots in N6 and N42 being conducted in May 67.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
21. <u>Institute of Electrical and Electronics Engineers (cont'd)</u> Institute consists of over 200 sectional groups and has a staff of approximately 275. Its offices are located at P. O. Box A, Lenox Hill Station, New York 21, N.Y.; Donald D. Fink, General Manager.	Standards Subcommittee (NSG/RIC/Std. S.C.) (continued)	J. C. Russ General Electric Company APED - M/C 622 175 Curtner Avenue San Jose, California 95125
	Technical Committee on Standards (NSG/Standards Committee)	L. H. Horn Underwriters Laboratories, Inc. P. O. Box 247 Northbrook, Illinois 80062
	Technical Committee on Radiation Detectors NSG/RD	George A. Morton RCA Laboratories Princeton, N. J. 08540
22. <u>Institute of Nuclear Materials Management</u> The INMM was established in 1958 for the advancement of the science of nuclear materials management. The Institute's membership consists of approximately 200 personnel working in governmental, industrial, and academic institutions throughout the world where nuclear materials and special reactor metals	Standards Committee A. Color Code Committee	Robert L. Delnay The Dow Chemical Company Rocky Flats Division P. O. Box 888 Golden, Colorado 80401 Homer M. Faust Battelle Memorial Institute 505 King Avenue Columbus, Ohio 43201

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
b) Guide to the Application of the Single Failure Criterion to Reactor Protective Systems		Active	4-11-67 (2nd draft)	Ancillary to Nuclear Power Plant Protection System Standard. Reviewed by NSG/RIC/Standards Subcommittee 5-3-67 and referred to WG-1 for further development.
c) Qualification Testing of Electrical Instrumentation and Equipment for Reactor Protection and Engineered Safeguard Systems		Active	1-23-67 (1st draft)	Ancillary to Nuclear Power Plant Protection System Standard. Reviewed by NSG/RIC/Standards Subcommittee 2-1-67 and referred to WG-2 for further development.
d) Periodic Testing of Nuclear Power Plant Protection Systems		Active	5-3-67 (Draft, Rev 1)	Ancillary to Nuclear Power Plant Protection System Standard. Reviewed by NSG/RIC/Standards Subcommittee 5-3-67 and referred to WG-3 for further development.
e) Auxiliary Electrical Power Systems for Nuclear Power Plants		Active	3-15-67 (2nd draft)	Reviewed by NSG/RIC Standards Subcommittee 5-2-67 and referred to WG-4 for further development.
f) Reliability - Reactor Protection and Engineered Safeguard System		Active		Currently WG-5 is furnishing input to projects c, d, and e.
a) Electrical Penetration Assemblies in Containment Structures for Stationary Nuclear Power Reactors		Active	9-4-67 (8th draft)	Draft has been approved by the NSG/Standards Committee and submitted to IEEE Standards Committee.
b) Test Procedures - Linear DC Current Amplifiers		Active	7-66 (3rd draft)	Draft was reviewed by the NSG/Standards Committee and based on comments received, WG-2 is preparing a 4th draft.
c) Classification of Electrical Insulating Materials Exposed to Neutron and Gamma Radiation.		Approved 2-67 by IEEE	3-66	Same as ASA/N4-4/a. IEEE has assisted in the revision and the latest draft approved by IEEE was returned to the Nuclear Standards Board 2-24-67.
a) Standards on Gas Filled Radiation Counter Tubes	52 IRE 7S2 (ASA C60.11)	Approved by IRE before its consolidation with AIEE to form the IEEE	1952 1954	The two IRE standards listed here were approved by IRE prior to the amalgamation.
b) Definitions for the Scintillation Counter Field	60 IRE 13S1	Approved, same as above	1960	Approved by ASA N3 in 1963 but further approval stalled in the ASA procedure.
c) Standard Test Procedures, Semiconductor Radiation Detectors		Active	12-66	Approved by NSG/RD and referred to NSG/Standards Committee 2-67.
d) Standard Test Procedures, Electronics for Semiconductor Radiation Detectors		Active	12-66	Approved by NSG/RD and referred to NSG/Standards Committee 2-67.
e) Test Procedure for GM Counters		Active		Reported "in draft stage" 2-67.
See subcommittee				
a) Color Code for SS Material		Active	6-66	Standard prepared for presentation to the Institute.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>22. <u>Institute of Nuclear Materials Management (continued)</u> are utilized. The objectives of the INMM are to: 1) advance the use of nuclear material management standards, criticality standards, and AEC license requirements; 2) promote educational activities; 3) encourage publication and exchange of information; 4) provide meetings and discussions; and 5) certify qualified individuals in the nuclear material management field. The INMM has held three national meetings which consisted of formal papers and panel discussions of nuclear materials management. Working committees have been established and are actively engaged in the areas listed herein. The headquarters office of the INMM is P. O. Box 10814, Pittsburgh 36, Pennsylvania.</p>	<p>B. Glossary of Terms</p> <p>C. Scrap Classification Guide</p> <p>D. Standards for Shipping Containers</p>	<p>James E. Lovett Nuclear Materials & Equipment Corporation Apollo, Pennsylvania 15613</p> <p>J. R. Barkman Union Carbide Nuclear Company P. O. Box Y Oak Ridge, Tennessee 37830</p> <p>Stan L. Reese 11409 Duryea Drive Potomac, Maryland 20857</p>
	E. Nuclear Materials Management Specifications	<p>Harley L. Toy Battelle Memorial Institute 505 King Avenue Columbus, Ohio 43201</p>
	F. Fuels Standards	<p>R. O. Brugge General Electric Co., APED P. O. Box 1131 San Jose, California</p>
<p>23. <u>Instrument Society of America</u> The ISA was initially a loose-unit confederation of independent local chapters. In 1946 it was more formally organized and obtained its present name. It is a professional and technical society of 13,000 members engaged in the field of instrumentation. The primary purpose of ISA is to advance the arts and sciences related to the theory, design, manufacture and use of instrumentation. The Society also takes part in the dissemination of information, stimulation and educational activities, and development of standards within instrument technology. Its standards activities are now directed through ASA N3 although one nuclear standard was prepared independently prior to the establishment of the present standards policy. Information concerning the Society may be obtained from: Executive Director, ISA, 530 William Penn Place, Pittsburgh 19, Pa.</p>	Standards and Practices Board	<p>H. W. Kindler, Secretary Instrument Society of America 313 Sixth Avenue Pittsburgh 22, Pennsylvania</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
a) INMM Glossary of Terms		Active	1966	Provisional INMM glossary completed in 1964 and being revised. Revised version expected in 1967. Contains about 240 terms of special significance in nuclear materials management of which about 20% are also in the ASA glossary (see ASA N2.4).
a) Scrap Classification Guide		Active	1-67	Institute of Nuclear Materials Management Report Number Y-MA-777.
a) Standard for Steel Drums with Variable Inner Liners for Class I Shipments		Active		This subcommittee will prepare standards for special nuclear materials including irradiated fuels. The subcommittee has established contact with other groups in this general area, namely, ASA N5.5, ANS-8, AIF and Underwriters Laboratory. The standard under development takes into cognizance ICC specifications, AEC Manual Chap. 0529 and 10 CFR 71.
a) Converters and Fabricators		Active	10-66	
b) Cold Scrap		Active	10-66	
c) Power Reactors		Active	10-66	
d) Research and Development		Active	10-66	
a) Guide for the Development and Maintenance of Nuclear Power Plant Station Records for Power and Exposure		Active	1966	
b) Guide for Nuclear Loss and Production Accounting Methods		Active	1966	
Materials for Instruments in Radiation Service	ISA-RP 25.1	Approved	12-57	ISA standards activities now directed through ASA N3.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>24. <u>Interstate Commerce Commission</u> The ICC, as an independent agency of the Federal Government, has the responsibility for the regulation of the transportation of radioactive materials moving in interstate commerce by rail, water, or by public highway (except the U.S. mail). This agency, which had its beginning with the Federal Act to Regulate Commerce (railways) of 1887, is assigned this responsibility under Public Law 772 and Part II of the Interstate Commerce Act. Normally, the functions of the ICC are regulatory, and provide for packaging, marking, describing, and safe-handling methods. The only standards developed or adopted are detailed specifications for containers, and practices to be followed in shipment and transport. Although ICC does not conduct research in these matters, they do encourage others to develop suitable specifications or practices to assure transportation safety. All proposals are studied by the Commission staff, and those found desirable are given wide circulation in order to obtain additional views and to determine their acceptability before they are adopted. Rules and procedures, once approved, are published in Title 49 of the Code of Federal Regulations.</p>	<p>Code of Federal Regulations, Title 49</p>	<p>Interstate Commerce Commission 12th Street & Constitution Avenue, NW Washington, D. C. 20423</p>
<p>25. <u>National Research Council</u> The National Research Council was established by the Academy in 1916, and members of the NRC receive their appointments from the President of the National Research Council. NRC membership is composed of representatives nominated by the major scientific and technical societies, representatives of scientific agencies of the Federal Government, and a number of members at large. More than 3000 scientists now participate in this activity. The NAS-NAE-NRC receive funds from both public and private sources by contributions, grants, or contracts. The NRC works to stimulate research and its applications, to survey the broad possibilities of science, to promote effective utilization of the scientific and technical resources of the country, to serve the Government, and to further the general interests of science. The NAS established in 1955 a number of committees and subcommittees which deal with problems on radiation protection.</p>		

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
a) General Information and Regulations	49 CFR 71	Approved		
b) Commodity List of Explosives and Other Dangerous Articles	49 CFR 72	Approved		
c) Regulations Applying to Shippers	49 CFR 73	Approved		
d) Regulations Applying Particularly to Carriers by Rail Freight	49 CFR 74	Approved		
e) Regulations Applying to Rail Carriers in Baggage Service	49 CFR 76	Approved		
f) Regulations Applying to Shipments Made by Way of Common Carrier or Private Carriers by Public Highway	49 CFR 77	Approved		
g) Shipping Container Specifications	49 CFR 78	Approved		

See National Academy of Science
and National Academy of Engineering.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>26. <u>National Academy of Engineering</u> The NAE was founded in 1964 under the charter of the National Academy of Sciences to share in its responsibility "to advise the federal government, on request, in all areas of science and engineering." The NAE will operate on an autonomous and parallel, but coordinated, basis with the National Academy of Sciences. Founding membership was a Committee of Twenty-Five, nominated by the Engineers Joint Council, to deal with organizational tasks. The objectives and purposes of NAE are:</p> <ol style="list-style-type: none"> 1) To assess the changing needs of the nation and to sponsor programs aimed at meeting these needs; 2) to explore means for promoting cooperation in engineering in the United States and abroad; 3) to advise the Congress and the executive branch of the government on matters of national import pertinent to engineering; 4) to cooperate with the National Academy of Sciences on matters involving both science and engineering; 5) to serve the nation in other respects in connection with significant problems in engineering and technology, and 6) to recognize outstanding contributions to the nation by leading engineers. <p>The Academy at present has 188 members and a staff of 7 located at 2101 Constitution Avenue, NW, Washington, D. C. 20418; Harold K. Work, Secretary.</p>	<p>A. Committee on Genetic Effects of Atomic Radiation</p> <p>B. Committee on Pathologic Effects of Radiation</p> <ol style="list-style-type: none"> 1) Subcommittee on Hematologic Effects 2) Subcommittee on Inhalation Hazards 3) Subcommittee on Internal Emitters 4) Subcommittee on Long-Term Effects of Ionizing Radiation from External Sources 	<p>Harold K. Work, Secretary National Academy of Engineering 2101 Constitution Avenue, NW Washington, D. C. 20418</p> <p>John S. Coleman, Executive Officer National Academy of Sciences - National Research Council 2101 Constitution Avenue, NW Washington, D. C. 20418</p>
<p>27. <u>National Academy of Science</u> The NAS is a private nonprofit organization of 740 scientists dedicated to the furtherance of science and to its use for the general welfare. The Academy itself was established in 1863 under a Congressional Charter signed by President Lincoln. This Charter requires that the Academy act as an advisor to the Federal Government in scientific matters. Although the Academy is not a government agency, this provision accounts for the close ties that have always existed between the NAS and the government.</p>		

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
				The NAE does not, as yet, have any standards activities in the area of nuclear safety.
a). The Biological Effects of Atomic Radiation		Approved	1960	A report based on the work of all committees.
Pathological Effects of Thyroid Irradiation		Withdrawn		Superseded by revised version approved December 1966 by Advisory Committee to the Federal Radiation Council.
Effects of Ionizing Radiation on the Human Hemopoietic System	NAS-NRC-875	Approved	1961	
Effects of Inhaled Radio- active Particles	NAS-NRC-848	Approved	1961	
Internal Emitters	NAS-NRC-883	Approved	1961	
Long-Term Effects of Ioniz- ing Radiation from External Sources	NAS-NRC-849	Approved	1961	

COMPILATION OF U. S. NUCLEAR STANDARDS.

Sponsoring Organization	Standards Committee	Chairman, Address
27. <u>National Academy of Science</u> (continued)	5) Subcommittee on Neuro- pathologic Aspects C. Committee on Effects of Atomic Radiation on Agriculture and Food Supplies D. Committee on Meteoro- logical Aspects of Effects of Atomic Radiation E. Committee on Effects of Atomic Radiation on Ocean- ography and Fisheries F. Committee on Disposal and Dispersal of Radio- active Wastes G. Committee on Nuclear Science 1) Subcommittee on Research Reactors 2) Subcommittee on Use of Radioactive Standards 3) Subcommittee on Ship- ment of Radioactive Substances H. Advisory Committee to the Federal Radiation Council	D. A. Bromley Department of Physics Yale University New Haven, Conn. 06520 Marvin E. Wyman Nuclear Engineering Program University of Illinois Urbana, Ill. 61801 B. Kahn U.S. Public Health Service Department of Health, Education, and Welfare Cincinnati, Ohio Robley D. Evans Department of Physics Massachusetts Institute of Technology Cambridge, Mass. 02139 Cyril L. Comar New York State Veterinary College Cornell University Ithaca, New York 14850
28. <u>National Bureau of Standards</u> Founded by an act of Congress in 1901, NBS is the principal agency of the Federal Government for basic and applied research in physics, mathematics, chemistry, and engineering. The Bureau investigates, develops, and im- proves radiation sources and stan- dards; develops improved techniques and instruments for detecting and measuring radiation; and obtains		A. V. Astin, Director National Bureau of Standards Washington 25, D. C.

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
a) Radioactive Waste Disposal from Nuclear-Powered Ships	NAS-NRC-658	Approved	1959	
b) The Effects of Atomic Radiation on Oceanography and Fisheries	NAS-NRC-551	Approved	1957	
c) Disposal of Low-Level Radioactive Waste into Pacific Coastal Waters	NAS-NRC-985	Approved	1962	
See subcommittees				
Physical, Biological and Administrative Problems Associated with the Transportation of Radioactive Substances	NAS-NRC-205	Approved	1951	
Measurements and Standards of Radioactivity	NAS-NRC-573	Approved	1958	
a) Implications to Man of Irradiation by Internally Deposited Strontium-89, Strontium-90, and Cesium-137		Approved	1964	Published by Federal Radiation Council.
b) Pathological Effects of Thyroid Irradiation (revised)		Approved	1966	To be published by Federal Radiation Council.
a) Safe Handling of Radioactive Isotopes	NBS-42	Approved	1949	See NCRP-6.
b) Control and Removal of Radioactive Contamination in Laboratories	NBS-48	Approved	1951	See NCRP-8.
c) Recommendations for Waste Disposal of Phosphorus-32 and Iodine-131 for Medical Users	NBS-49	Approved	1951	See NCRP-8.
d) X-Ray Protection Design	NBS-50	Approved	1952	See NCRP-3.
e) Radiological Monitoring Methods and Instruments	NBS 51	Approved	1952	See NCRP-7.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>28. <u>National Bureau of Standards</u> (continued) basic data on the interactions of radiation with nuclei, atoms, molecules, and bulk matter. This present broad program in radiation and nuclear physics is the direct outgrowth of the work of an x-ray section which the Bureau established in 1927. For more than a decade the efforts of the group were concentrated on problems arising from the early medical and industrial applications of x rays, with particular attention to methods for physical measurement of x rays and problems of radiation safety. Then, with the coming of atomic power and increasing applications of radiation, demands on the Bureau increased rapidly, especially in the area of high-energy electron sources that can also generate x rays. Current work of the NBS includes contributions toward the development of safety codes and safety measures concerned with x rays and radio-nuclides and, until 1964, NBS had served for many years as the sponsoring agency and publisher of the recommendations of the National Committee on Radiation Protection and Measurements. The Bureau also published, in the past, the recommendations of the International Commission on Radiological Units and Measurements. The Bureau is sponsor of Committee N43 of the USA Standards Institute. NBS also offers calibration services on radiation instruments and radioactive materials. A listing of these services and Test Fee Schedules are given in Title 15 of the Code of Federal Regulations: a. Part 204 - Radiation Physics, Radioactivity, Radiological Equipment, Gamma Ray, and Neutron Sources, b. Part 230 - Standard Reference Materials. The address of the Bureau is: U.S. Department of Commerce, National Bureau of Standards, Washington, D.C. 20234; NBS reports are available for sale from the Superintendent of Documents, U.S. Government Printing Office, Washington, D. C. 20402.</p>		<p>A. V. Astin, Director National Bureau of Standards Washington 25, D. C.</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
f) Maximum Permissible Amounts of Radioisotopes in the Human Body and Maximum Permissible Concentrations in Air and Water	NBS-52	Approved	1953	Revised as NBS-69.
g) Recommendations for the Disposal of Carbon-14 Wastes	NBS-53	Approved		See NCRP-8.
h) Protection Against Radiations from Radium, Cobalt-60 and Cesium-137	NBS-54	Approved	1954	See NCRP-9.
i) Protection Against Betatron Synchrotron Radiations up to 100 Million Electron Volts	NBS-55	Approved	1954	See NCRP-5.
j) Photographic Dosimetry of X- and Gamma Rays	NBS-57	Approved		
k) Radioactive Waste Disposal in the Ocean	NBS-58	Approved	1954	See NCRP-8.
l) Permissible Dose from External Sources of Ionizing Radiation	NBS-59	Approved	1954	Revised as NBS-73, See NCRP-1.
m) X-ray Protection	NBS-60	Approved	1955	Supersedes NBS-41.
n) Regulation of Radiation Exposure by Legislative Means	NBS-61	Approved	1955	See NCRP-10.
o) Protection Against Neutron Radiation up to 30 Mev	NBS-63	Approved	1957	See NCRP-4.
p) Design of Free-Air Ionization Chambers	NBS-64	Approved	1957	Prepared by H. O. Wyck and F. H. Attix
q) Safe Handling of Bodies Containing Radioactive Isotopes	NBS-65	Approved	1958	See NCRP-13.
r) Safe Design and Use of Industrial Beta-Ray Sources	NBS-66	Approved	1958	See ASA Z54.
s) Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure	NBS-69	Approved	1959	See NCRP-2, supersedes NBS-52.
t) Measurement of Neutron Flux and Spectra for Physical and Biological Applications	NBS-72	Approved	1960	See NCRP-M-2.
u) Protection Against Radiations from Sealed Gamma Sources	NBS-73	Approved	1960	See NCRP-9.
v) Measurement of Absorbed Dose of Neutrons and of Mixtures of Neutrons and Gamma Rays	NBS-75	Approved	1961	See NCRP-M-3.
w) Medical X-Ray Protection Up to Three Million Volts	NBS-76	Approved	1961	See NCRP-3.
x) Report of the International Commission on Radiological Units and Measurements, 1959	NBS-78	Approved	1959	Report of international meeting.
y) Stopping Powers for Use with Cavity Chambers	NBS-79	Approved	1961	See NCRP-M-3.
z) A Manual of Radioactivity Procedures	NBS-80	Approved	1961	See NCRP-M-1.
aa) Radiation Quantities and Units	NBS-84	Approved	1962	Standard developed by ICRU&M.
bb) Physical Aspects of Irradiation	NBS-85	Approved	1962	Standard developed by ICRU&M.
cc) Radioactivity	NBS-86	Approved	1962	Standard developed by ICRU&M.
dd) Clinical Dosimetry	NBS-87	Approved	1962	Standard developed by ICRU&M.
ee) Radiobiological Dosimetry	NBS-88	Approved	1962	Standard developed by ICRU&M.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
28. <u>National Bureau of Standards</u> (continued)		A. V. Astin, Director National Bureau of Standards Washington 25, D. C.
29. <u>National Council on Radiation Protection and Measurement</u> The NCRP was formed in 1929 to provide a central committee within the United States for coordinating and consolidating national recommendations on radiation protection. Its first meeting was held in September 1929, during the annual meeting of the American Roentgen Ray Society and, as its first objective, the Committee undertook the preparation of recommendations on X-ray protection, later published as Handbook 15 of the National Bureau of Standards. The NCRP originally assumed the responsibility for providing basic information on which subsequent regulations were based. It has since expanded its activities to the development of specific standards. The NCRP consists of an Executive Committee, Main Committee, and as many subcommittees as necessary to consider the problems that come within the Committee scope. The Executive Committee is composed of 11 members and the Main Committees of 51 members. Over 20 professional societies and governmental agencies in the United States, having concern with the basic technical aspects of radiation protection, have representatives on the NCRP. For membership on the Main Committee, representatives are nominated by these organizations and then voted upon by the Main Committee. Additional members may be selected at large to round out the Committee competence. The number of members in the Executive Committee, Main Committee, and subcommittees, totals about 150. In 1964 the National Committee on Radiation Protection and Measurement was renamed the National Council on Radiation Protection and Measurement and chartered by Congress to collect, analyze, develop, and disseminate scientific information and recommendations about radiation measurement and protection against radiation. The Council has also opened a publication office and will handle the sale of the documents	NCRP-1, Permissible Dose from External Sources NCRP-2, Permissible Internal Dose NCRP-3, X-Rays Up to Ten Million Volts, (Equipment Design and Use) NCRP-4, Heavy Particles (neutrons, protons, and heavier) NCRP-5, Electrons, Gamma Rays, and X-Rays above Two Million Volts NCRP-6, Handling of Radioactive Isotopes and Fission Products NCRP-7, Monitoring Methods and Instru- ments NCRP-8, Waste Disposal and Decontamination	Lauriston S. Taylor, President National Council on Radiation Protection and Measurement 4000 Brandywine Street, NW Washington, D. C. 20016 H. M. Parker Hanford Atomic Products Operation Richland, Washington K. Z. Morgan Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tennessee R. G. Gorson Jefferson Medical Center 1015 Walnut Street Philadelphia, Pennsylvania H. H. Rossi Columbia University 630 West 168th Street New York 32, New York H. W. Koch High Energy Section National Bureau of Standards Washington 25, D. C. J. W. Healy General Electric Company Schenectady 5, New York A. R. Keene Pacific Northwest Laboratory Battelle Memorial Institute Richland, Washington See remarks

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
ff) Methods of Evaluating Radiological Equipment and Materials	NBS-89	Approved	1962	Standard developed by ICRU&M.
gg) Safe Handling of Radioactive Materials	NBS-92	Approved	1964	See NCRP-6, supersedes NBS-42.
hh) Safety Standard for Non-Medical X-Ray and Gamma-Ray Sources	NBS-93	Approved	1964	See ASA Z54.
ii) Shielding for High Energy Electron Accelerator Installations	NBS-97	Approved	1964	See NCRP.
See subcommittees				
Permissible Doses from External Sources of Ionizing Radiation	NCRP-17	Approved	9-24-54	
Maximum Permissible Body Burdens and Maximum Permissible Concentration of Radionuclides in Air and in Water for Occupational Exposure	NCRP-22	Approved	1959	Supersedes NBS-52.
a) X-Ray Protection Design	NBS-50	Approved	5-9-52	
b) Medical X-Ray Protection Up to Three Million Volts	NCRP-26	Approved	1961	
Protection Against Neutron Radiation Up to 30 Mev	NCRP-20	Approved	5-22-57	Being Revised.
a) Protection Against Beta-tron Synchrotron Radiations up to 100 Million Electron Volts	NCRP-14	Approved	1954	
b) Shielding for High Energy Electron Accelerator Installations	NCRP-31	Approved	1964	
a) Safe Handling of Radioactive Isotopes	NCRP-30	Approved	1949	
b) Safe Handling of Radioactive Materials	NBS-92	Approved	1964	Supersedes NBS-42.
Instrumentation and Monitoring Methods for Radiation Protection	NCRP-10	Approved	1952	Current edition undergoing major revision.
a) Control and Removal of Radioactive Contamination in Laboratories	NCRP-8	Approved	1951	Subcommittee No. 8 has been deactivated.
b) Recommendations for Waste Disposal of Phosphorus-32 and Iodine-131 for Medical Use	NCRP-9	Approved	1951	
c) Recommendations for Disposal of Carbon-14 Wastes	NCRP-12	Approved	1953	
d) Radioactive Waste Disposal in the Ocean	NCRP-16	Approved	1954	

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
29. <u>National Council on Radiation Protection and Measurement</u> (continued) it prepares. Offices are located at 4000 Brandywine Street, NW, Washington, D. C. 20016; W. R. Nay, Executive Director.	NCRP-9, Protection Against Radiation from Radium, Cobalt-60, and Cesium-137 Encapsulated Sources	C. B. Braestrup Francis Delafield Hospital 99 Fort Washington Avenue New York, New York
	NCRP-10, Regulation of Radiation Exposure Dose	W. A. McAdams General Electric Company Schenectady, New York
	NCRP-11, Incineration of Radioactive Wastes	G. W. Morgan Division of State and Licensee Relations U. S. Atomic Energy Commission 1717 H. Street, NW Washington 25, D. C.
	NCRP-12, Electron Protection	Everett G. Fuller Radiation Physics Division, IBS National Bureau of Standards Washington, D. C. 20234
	NCRP-13, Safe Handling of Bodies Containing Radioactive Isotopes	Edith H. Quimby Columbia University 630 West 168th Street New York 32, New York
	NCRP-14, Permissible Exposure Doses Under Emergency Conditions	G. V. LeRoy Metropolitan Hospital 1800 Tuxedo Avenue Detroit, Michigan
	NCRP-15, Radiation Protection in Teaching Institutions	F. D. Shore Department of Physics Queens College Flushing, New York 11367
	NCRP-16, X-Ray Protection in Dental Offices	R. J. Nelson 11400 Great Falls Road Rockville, Maryland 20854
	NCRP-17, Veterinary X-Ray Protection	B. F. Trum, Director New England Regional Primate Research Center Harvard Medical School 25 Shattuck Street Boston, Massachusetts 02115
	NCRP-18(M-1), Standards and Measurement of Radioactivity for Radiological Use	W. B. Mann National Bureau of Standards Washington, D. C. 20234
	NCRP-19(M-2), Standards and Measurement of Radiological Exposure Dose	H. O. Wyckoff X-Ray Section National Bureau of Standards Washington 25, D. C.
	NCRP-20(M-3), Standards and Measurement of Adsorbed Radiation Dose	H. O. Wyckoff X-Ray Section National Bureau of Standards Washington 25, D. C.
	NCRP-21(M-4), Relative Biological Effectiveness	V. P. Bond, Associate Director Brookhaven National Laboratory Upton, Long Island, New York

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
Protection Against Radiation from Sealed Gamma Sources	NCRP-25	Approved	1960	Supersedes NBS-54.
Regulation of Radiation Exposure by Legislative Means	NBS-61	Approved	1955	Subcommittee No. 10 has been deactivated.
Shielding for High-Energy Electron Accelerator Installations	NBS-97	Approved	1964	
Safe Handling of Bodies Containing Radioactive Isotopes	NCRP-21	Approved	1958	Revision in progress entitled "Precautions in the Management of Radioactive Patients or Cadavers."
Exposure to Radiation in an Emergency	NCRP-29	Approved		
A Manual of Radioactivity Procedures	NCRP-28	Approved	1961	
Measurement of Neutron Flux and Spectra for Physical and Biological Applications	NCRP-23	Approved	1960	
Measurement of Adsorbed Dose of Neutrons and Mixtures of Neutrons and Gamma Rays	NCRP-25	Approved	1961	
Stopping Powers for Use with Cavity Chambers	NCRP-27	Approved	1961	

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
29. <u>National Council on Radiation Protection and Measurement</u> (continued)	NCRP-22, Radiation Shielding for Particle Accelerators	E. Alfred Burrill Vice President and Manager Western Regional Office High Voltage Engineering Corp. 705 Welch Road, F-1 Palo Alto, California 94304
	NCRP-23, Study of Radioactive Elements in Man (Dosimetry Models for Strontium)	J. C. Bugher 946 Eve Street Delray Beach Florida 33444
	NCRP-24, Study of Radioactive Nuclear Acids and Precursors	E. P. Cronkite Head, Division of Experimental Pathology Medical Research Center Brookhaven National Laboratory Upton, L.I., New York 11973
	NCRP-25, Radiation Protection in the Use of Small Neutron Generators	W. C. Roesch Manager, Radiological Physics Battelle-Northwest 329 Building, 300 Area Box 999 Richland, Washington 99352
	NCRP-26, High Energy X-Ray Dosimetry	R. A. Shalek Physics Department University of Houston M.D. Anderson Hospital and Tumor Institute Houston, Texas 77025
	NCRP-27, Specification of Radium Substitutes	M. M. D. Williams Section of Biophysics The Mayo Clinic Rochester, Minnesota 55902
	Study Group on Dosimetry in Inanimate Material	H. O. Wyckoff Deputy Director Scientific Armed Forces Radiobiology Research Institute Defense Atomic Support Agency Bethesda, Maryland 20014
30. <u>National Electrical Manufacturers Association</u> The NEMA was organized through the merger of electrical power clubs and associations of manufacturers of electrical supplies. Today the Association has some 500 member companies and conducts its work through eight divisions, each specializing in a certain product area of electrical manufacture. The Association develops product standards on such matters as nomenclature, ratings, performance testing and dimensions for electrical products; participates in the development of the National Electrical Code and the National Electrical Safety Code, and advocates their acceptance by State and local authorities; periodically gathers and compiles summaries of statistical data on the electrical industry; and carries on promotional and public relations activities.		J. F. Miller, Executive Vice-President National Electrical Manufacturers Association 155 East 44th Street New York, New York 10017

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
-----------------------------------	--------------------	--------	---	---------

Canned Motor Pumps for
Nuclear Applications

Part 18
MGI-1963

Withdrawn. 5-21-62

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>31. <u>National Fire Protection Association</u> The NFPA was organized in 1896 to promote the science and improve the methods of fire protection and prevention, to obtain and circulate information on these subjects and to secure the cooperation of its members in establishing proper safeguards against loss of life and property by fire. Its membership includes 200 national and regional societies and associations and nearly 23,000 individuals, corporations, and organizations. A large number of publications on fire safety has been issued by the Association. All NFPA standards adopted by the Association are published in the National Fire Codes, which are re-issued annually. The standards, prepared by the technical committees of the NFPA and adopted in the annual meetings of the Association, are intended to prescribe reasonable measures for minimizing losses of life and property by fire. All interests concerned have opportunity through the Association to participate in the development of the standards and to secure impartial consideration of matters affecting them. Complete information on Committees will be found in the NFPA Year Book. The purpose of the Atomic Energy Committee of the NFPA is to develop standards for the safeguarding of life and property from fires in which radiation or other effects of nuclear energy might be a factor.</p>	Atomic Energy Committee	<p>J. E. Troutman Factory Insurance Association 85 Woodland Street Hartford, Connecticut 06102</p>
<p>32. <u>National Sanitation Foundation</u> The NSF founded in 1944 is a non-commercial, non-profit making organization seeking solutions to all problems involving cleanliness and sanitation. It is dedicated to the prevention of illness; the promotion of health and the enrichment of the quality of American living through preplanning of preventative programs for the improvement of the environment. The NSF fulfills the important purpose of arranging for a common meeting ground where industry and public health may discuss and solve common problems. It conducts research and educational programs in the field of environmental sanitation and health. The Foundation has a staff of 45 and over 1000 participating companies. Several NSF Standards Committees have been established, one of which is concerned with personnel Dosimetry.</p>	NSF Joint Committee on Film Badges	<p>National Fire Protection Assoc. 60 Batterymarch Street Boston, Massachusetts</p> <p>Charles A. Farish, Executive Director National Sanitation Foundation P. O. Box 1468 Ann Arbor, Michigan 48106</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
a) Recommended Safe Practice for Facilities Handling Radioactive Materials	NFPA 801	Approved	5-55	Being revised.
b) Recommended Fire Pro- tection Practice for Nuclear Reactors	NFPA 802	Approved	5-60	Current.

The NSF Standard Relating
to Film Badge Services

NSF No. 16

Approved

5-66

Approved Listing of Services
Scheduled for June 1, 1967.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>33. <u>Society of Naval Architects and Marine Engineers</u> The SNAME was founded in 1893 and now has over 7500 members. Its purpose is to advance the art, science and practice of naval architecture shipbuilding, marine engineering, and allied fields. The Society publishes a quarterly journal and annual transactions. The staff of 10 is located at 74 Trinity Place, New York, New York 10006; M. H. Gluntz, Secretary.</p>	M-13 Panel	<p>M. H. Gluntz, Secretary Society of Naval Architects and Marine Engineers 74 Trinity Place New York, New York 10006</p> <p>John W. Heck America Bureau of Shipping 45 Broad Street New York, New York</p>
<p>34. <u>Underwriters' Laboratories, Inc.</u> Underwriters' Laboratories is chartered as a non-profit organization without capital stock to operate laboratories for the testing of devices, and materials, largely in the interest of public safety. Founded in 1894, it has as its objective the determination of the relationship of various materials, devices, and methods to life, fire and casualty hazards, and to develop standards and specifications for materials, devices and methods, tending to reduce and prevent loss of life and property from fire, crime, and casualty. Underwriters' Laboratories findings have been widely accepted by Insurance Underwriters, federal, state, and municipal authorities, plant operators, architects, building owners, and the general public.</p>		<p>Leonard H. Horn, Managing Eng. Underwriters' Laboratories, Inc. 207 E. Ohio Street Chicago, Illinois 60611</p>
<p>35. <u>United States of America Standards Institute</u> On August 31, 1966, the USASI was created as the successor to the American Standards Association in order to expand the program and accelerate the output of voluntary national standards serving the entire economy. Concurrently with the Institute's formation, Donald L. Peyton, formerly general manager for government relations of the U.S. Chamber of Commerce, was appointed managing director. Standards approved by the new Institute will be designated USA Standards. This designation will also apply to all previously-approved American Standards. Broader participation by all interested groups, including departments and agencies of the Federal Government, increased representation and leadership in the international standards programs, and emphasis on consumer interests are major objectives of the Institute. Three councils make up the operating arms of the Institute. These are the Member Body Council (which is responsible for standards</p>	<p>N-11, Materials and Material Testing</p> <p>N-12, Terminology, Units, Symbols, Identification and Warning</p> <p>N-13, Radiation Protection</p>	<p>W. R. Smith General Electric Company 175 Curtner Avenue San Jose, California 95100</p> <p>E. C. Barnes Westinghouse Electric Corp. P. O. Box 2278 Pittsburgh, Pa. 15230</p> <p>J. W. Healy General Electric Company One River Road Schenectady, New York 12300</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
See subcommittee				
a) Safety Considerations Affecting the Design and Installation of Water-Cooled and Water-Moderated Reactors on Merchant Ships	Tech. & Research Bulletin No. 3-6	Withdrawn	12-59	Superseded by Bulletin 3-18.
b) Safety Considerations for Nuclear Power Plants on Merchant Ships	Tech. & Research Bulletin No. 3-18	Approved	1965	Supersedes Bulletin 3-6.
High Efficiency Filter Units	UL 586	Approved	6-64	Second Edition.
a) Specification for Nuclear Grade Uranium Metal Melt Stock	N5.4-1965	Approved	1965	
b) Specification for Nuclear Grade Uranium Dioxide, Sinterable	N5.5-1965	Approved	1965	
c) Specification for Nuclear Grade Uranium Dioxide, Compactible	N5.6-1965	Approved	1965	
d) Reference Methods for the Chemical Analysis of Nuclear Fuels	N5.7-1965	Approved	1965	
a) Glossary of Terms in Nuclear Science and Technology	N1.1-1957	Active	1957	1967 revisions out for NSB approval.
b) American Standard Radiation Symbol	N2.1-1960	Active	1960	First draft of revision to be circulated to subcommittee 12-1-67.
c) Immediate Evacuation Alarm Signal		Active		First draft out for NSB approval.
d) Administrative Practices in Radiation Monitoring		Active		8th draft to be submitted for committee approval 12-1-67.
a) Decontamination Techniques		Inactive		
b) Criticality Accident Dosimetry		Inactive		
c) Environmental Monitoring		Active	9-67	Initial draft to subcommittee.

Sponsoring Organization	Standards Committee	Chairman, Address
<p>35. <u>United States of America Standards Institute (continued)</u> activities), the Consumer Council and the Company Member Council. Consumer representatives and company representatives can recommend standards projects to be developed into the appropriate standards. They have the right to request review or approval of any standard. The new Consumer Council provides for representation from the Member Body and Company Member Councils and five members who need not be representatives of Institute members, to be appointed by the Executive Branch of the Federal Government. The Consumer Council will be concerned with the application of the Institute's procedures for certification and labelling of consumer goods. Approval of USA Standards will continue to be based on consensus of all parties concerned. The hundreds of national trade associations, technical, professional and scientific societies which develop standards and work with the Institute will be encouraged to extend this consensus principle to their own operations. The Institute, under the terms of its constitution, will not be permitted to develop standards on its own. It will, however, promote and accent the development of needed standards by appropriate, competent and accepted organizations.</p>	<p>N-13, Radiation Protection (continued)</p> <p>N-14, Transportation of Fissile and Radioactive Materials</p> <p>N-15, Methods of Nuclear Material Control</p> <p>N-16, Nuclear Criticality Safety</p>	<p>J. W. Healy General Electric Company One River Road Schenectady, New York 12300</p> <p>R. T. Waite American Insurance Assoc. 85 Johns Street New York, New York</p> <p>Robert L. Delnay Dow Chemical Company Rocky Flats Division P. O. Box 888 Golden, Colorado 80401</p> <p>Dixon Callihan Oak Ridge National Laboratory P. O. Box 1 Oak Ridge, Tennessee 37830</p>
	<p>N-17, Model Codes and Regulations</p> <p>N-18, Nuclear Design Criteria</p>	<p>Not yet assigned</p> <p>W. A. Chittenden Sargent and Lundy 140 South Dearborn Street Chicago, Illinois 60603</p>
	<p>N-42, Nuclear Instruments</p>	<p>Louis Costrell Nucleonics Instrumentation Section Atomic Radiation Physics Division National Bureau of Standards Washington, D. C. 20000</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
d) Photographic Dosimeters		Active	9-67	Initial draft to subcommittee.
e) Uranium Mines and Mills - Atmospheric Sampling		Active		Initial draft to subcommittee.
f) Uranium Mines and Mills - Sampling Patterns		Active		Initial draft under revision.
g) Uranium Mines and Mills - Record Keeping		Active		Initial draft to subcommittee and approved for publication.
h) Uranium Mines and Mills - Atmosphere Control		Active		Initial draft under revision.
i) Uranium Mines and Mills - Direct Measure of Exposure		Active		First draft in preparation.
j) Practice for Occupational Radiation Exposure Records System	N2.2-1966	Approved	1966	
k) Radiation Protection in Uranium Mines and Mills (Concentrators)	N7.1-1960	Approved	1960	
l) Radiation Protection in Nuclear Fuel Fabrication Plants	N7.2-1963	Approved	1963	
a) Guide to Practice in Transportation of Source and Special Nuclear Material Before Irradiation	N5.1-1962	Approved	1962	
b) Guide for Design and Operation of Shipping Containers for Irradiated Solid Fuel From Nuclear Reactors	N5.3-1964	Approved	1964	
No standards assigned to this committee in CN-132.				
a) Nuclear Criticality Safety Standard for Operations with Fissionable Materials Outside Reactors		Active		Submitted to ANS Standards committee for approval. NSB to ballot 10-68.
b) Use of Borosilicate-Glass Raschig Rings as Fixed Neutron Absorbers in Solutions of Fissile Materials		Active		Final draft under preparation.
c) Criticality Alarm System		Active		Initial draft to ANS standards committee for approval. NSB to ballot 10-68.
d) Neutron Multiplication in Process Operations with Fissile Materials		Active		Initial draft under preparation.
e) Safety Standard for Operation with Fissionable Materials Outside Reactors	N6.1-1964	Approved	1964	
No standards activities at present.				
a) Safety Standard for Design, Fabrication and Maintenance of Steel Containment Structures for Stationary Nuclear Power Reactors	N6.2-1965	Approved	1965	
a) American Standard Bases for GM Counter Tubes	N3.1-1965	Approved	1965	
b) American Standard on Inter-relationship of Quartz-Fiber Electrometer Type Dosimeters and Companion Dosimeter Charges	N3.2-1965	Approved	1965	

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
35. <u>United States of America Standards Institute</u> (continued)	N-42, Nuclear Instruments (continued)	Louis Costrell Nucleonics Instrumentation Section Atomic Radiation Physics Division National Bureau of Standards Washington, D. C. 20000
	N-43, Equipment for Non-Medical Radiation Applications	Leonard Horn Engineer-Nucleonics Underwriters' Laboratories, Inc. P. O. Box 247 Northbrook, Illinois 60062
	N-44, Medical Radiation Equipment	Dr. Raymond T. Moore U.S. Public Health Service Deputy Director of National Center for Radiological Health 1901 Chapman Avenue Rockville, Maryland 20852
	N-45, Reactor Plants and their Maintenance	Murray Joslin 2121 Seventh-Eighth Avenue Elmwood Park, Illinois 60635
	N-101, Atomic Industry Facility Design Construction and Operation Criteria	M. M. Braidech American Insurance Association 85 John Street New York, N. Y. 10038
36. <u>U.S. Atomic Energy Commission</u> The USAEC under the Atomic Energy Act (as amended in 1954) is assigned the responsibility of providing a national policy on the development, use, and control of atomic energy. In carrying out this program, the AEC provides and administers programs for nuclear research, production of atomic energy and special nuclear materials, and the dissemination of scientific and technical information. In all such activities, private participation as well as international cooperation is encouraged. The Commission is composed of five members appointed by the President by and with the advice and consent of the Senate. One of the members is designated by the President as Chairman. A General Advisory Committee, composed of nine members appointed from civilian life by the President, advises the Commission on scientific and technical matters relating to materials, production, and research and development. Under the Atomic Energy Act,	Code of Federal Regulations, Title 10	U.S. Atomic Energy Commission Washington, D. C. 20545

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
c) Definitions for the Scintillation Counter Field		Active		Approved as an IRE standard in 1964. NSB to ballot 1-68.
d) Connectors for Nuclear Instruments		Active	7-67	Letter ballot completed; results forwarded 7-67 to IEEE for transmittal to NSB.
e) Test Procedures - Semiconductor Radiation Detectors		Active		Revised draft to sectional committee for approval.
f) Test Procedures - Electronics for Semiconductor Radiation Detectors		Active		Revised draft to sectional committee for approval.
g) Nuclear Power Plant Protective Systems		Active		Comments from balloting being resolved.
h) Test Procedures - GM Counter Tubes		Active		First draft in subcommittee.
i) Test Procedures - Proportional Counter Tubes		Active		
a) Safety Standard for Non-Medical X-Ray and Sealed Gamma-Ray Sources, Part 1 - General	Z54.1-1963	Approved	1963	NBS Handbook H-93.
b) Safe Design and Use of Industrial Beta-Ray Sources	Z54.2-1958	Approved	1958	NBS Handbook 66-1958.
				Standards activities are not identified.
				Standards activities are not identified.
a) Design Guide for Radioisotope Laboratory (Type B)	N5.2-1963	Approved	1963	
a) Statement of Organization, Delegations, and General Information	10 CFR 1	Approved	1966	Amended.
b) Rules of Practice	10 CFR 2	Approved	1966	Being Amended.
c) Rules of Procedure in Contract Appeals	10 CFR 3	Approved		
d) Nondiscrimination in Federally Assisted Commission Programs	10 CFR 4	Approved		
e) Security Policies and Practices Relating to Labor-Management Relations	10 CFR 6	Approved		
f) Advisory Boards	10 CFR 7	Approved		
g) Interpretations	10 CFR 8	Approved		
h) Public Records	10 CFR 9	Approved		
i) Criteria and Procedures for Determining Eligibility for Access to Restricted Data or Defense Information	10 CFR 10	Approved		
j) Standards for Protection Against Radiation	10 CFR 20	Approved	1964	Being amended.
k) Permits for Access to Restricted Data	10 CFR 25	Approved		
l) Rules of General Applicability to Licensing of Byproduct Material	10 CFR 30	Approved	1965	Being amended.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>36. <u>U.S. Atomic Energy Commission</u> (continued) the Commission has the responsibility for establishing licensing procedures and regulatory functions for the control of materials and facilities essential to the atomic energy industry. These functions are carried out by a Director of Regulation who reports directly to the Commission. The Director is responsible for the Division of Radiation Protection Standards, the Division of Compliance, and the Division of Licensing and Regulation. The Division of Radiation Protection Standards develops and recommends proposed health and safety standards for the protection of employees and the public from atomic energy induced radiation; provides staff assistance to the Commission with respect to matters involving the Federal Radiation Council; and develops and administers programs in accordance with Commission policy for cooperation with the States under Section 274 of the Atomic Energy Act of 1954, as amended, for transfer of regulatory functions to the States. The two basic reasons for the regulatory duties of the AEC are to protect the public health and safety, and to promote the common defense and security. Regulations implementing these responsibilities are as follows. Regulations of the AEC are included as parts of Title 10, Code of Federal Regulations, and are published in the Federal Register.</p>	<p>Code of Federal Regulations, Title 10 (continued)</p>	<p>U.S. Atomic Energy Commission Washington, D. C. 20545</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
m) General Licenses for Certain Quantities of Byproduct Material and Byproduct Material Contained in Certain Items	10 CFR 31	Approved		
n) Specific Licenses to Manufacture, Distribute, or Import Exempted and Generally Licensed Items Containing Byproduct Material	10 CFR 32	Approved		Being amended.
o) Specific Licenses of Broad Scope for Byproduct Material	10 CFR 33	Approved		
p) Licenses for Radiography and Radiation Safety Requirements for Radiographic Operations	10 CFR 34	Approved		
q) Human Uses of Byproduct Material	10 CFR 35	Approved		
r) Export and Import of Byproduct Material	10 CFR 36	Approved		
s) Radioisotope Research Support Program	10 CFR 37	Approved		
t) Licensing of Source Material	10 CFR 40	Approved	1963	Being amended.
u) Licensing of Production and Utilization Facilities	10 CFR 50	Approved		Being amended.
v) Operators' Licenses	10 CFR 55	Approved		Being amended.
w) Domestic Uranium Program	10 CFR 60	Approved		
x) Special Nuclear Material	10 CFR 70	Approved	1965	Being amended.
y) Regulations to Protect Against Accidental Conditions of Criticality in the Shipment of Special Nuclear Material	10 CFR 71	Approved	1966	Being amended.
z) Protection Against Radiation in the Shipment of Irradiated Fuel Elements	10 CFR 71			Proposed rules published.
aa) General Rules of Procedure on Applications for the Determination of Reasonable Royalty Fee, Just Compensation or the Grant of an Award for Patents, Inventions or Discoveries	10 CFR 80	Approved		
bb) Standard Specifications for the Granting of Patent Licenses	10 CFR 81	Approved		
cc) Waiver of Patent Rights	10 CFR 83	Approved		
dd) Safeguarding of Restricted Data	10 CFR 95	Approved		
ee) Reactor Site Criteria	10 CFR 100	Approved		
ff) Unclassified Activities in Foreign Atomic Energy Programs	10 CFR 110	Approved		
gg) Procedures for Review of Certain Nuclear Reactors Exempted From Licensing Requirements	10 CFR 115	Approved		Being amended.
hh) Priorities Regulation	10 CFR 130	Approved		
ii) Financial Protection Requirements and Indemnity Agreements	10 CFR 140	Approved	1966	Being amended.
jj) Exemptions and Continued Regulatory Authority in Agreement States Under Section 274	10 CFR 150	Approved	1966	Being amended.
kk) Trespassing on Commission Property	10 CFR 160	Approved		

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<hr/>		
36. <u>U.S. Atomic Energy Commission</u> (continued)	Division of Reactor Development and Technology	Milton A. Shaw; Director Division of Reactor Development and Technology United States Atomic Energy Commission Washington, D. C. 20545 Myer Bender, Chairman RDT Standards Project Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tennessee 37830

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
				See project.
a) Centrifugal pump, Hermetically Sealed, Electric Motor Driven	RDT-E-1		4-20-67	
b) Steam Generator	RDT-E-3		4-20-67	Approved by DRDT for issue as tentative, 7-10-67.
c) Reactor Vessel	RDT-E-4		4-20-67	Approved by DRDT for issue as tentative, 9-11-67.
d) Pressurizer	RDT-E-6		4-20-67	
e) Pressurizer Heater & Connector Assembly	RDT-E-7		4-20-67	
f) General Valve Requirements	RDT-E-9		4-20-67	
g) Check Valve, Horizontal Swing	RDT-E-10		4-20-67	
h) Motor-Operated Gate Valve	RDT-E-11		4-20-67	
i) Reactor Coolant Relief Valve, Pressure Actuated Pilot Control	RDT-E-13		4-20-67	
j) Nickel-Chromium-Iron Alloy Rod and Bar	RDT-MB-166		4-13-67	Was M-302. Approved by Shaw as tentative Standards 9-5-67.
k) Seamless Annealed Ni-Cr-Fe Alloy Condenser - Heat Exchanger Tubes	RDT-MB-163		4-18-67	Was M-303. Approved by Shaw as tentative Standards 9-5-67.
l) Nickel-Chrome-Iron Alloy Plate Sheet and Strip	RDT-MB-168		4-7-67	Was M-304 & M-333. Approved by Shaw as tentative Standards 9-5-67.
m) Quenched & Tempered Vacuum-Treated Carbon & Alloy Steel Forgings for Pressure Vessels	RDT-MA-508		3-27-67	Was M-305. Approved by Shaw as tentative Standards 9-5-67.
n) Alloy Steel Bolting Mat's. for High Temperature Service	RDT-MA-320		3-31-67	Was M-306. Approved by Shaw as tentative Standards 9-5-67.
o) Manganese-Molybdenum-Nickel Steel Plate for Boilers & Other Pressure Vessels	RDT-MA-533		3-27-67	Was M-307. Approved by Shaw as tentative Standards 9-5-67.
p) Stainless Steel-Plate, Sheet, Strip	RDT-MA-240		4-20-67	Was M-308. Approved by Shaw as tentative Standards 9-5-67.
q) Austenitic Stainless Steel Castings for High Temperature & Corrosive Service	RDT-MA-351		6-15-67	Was M-309. Approved by Shaw as tentative Standards 9-5-67.
r) Seamless Austenitic Stainless Steel Pipe	RDT-MA-376		4-20-67	Was M-310. Approved by Shaw as tentative Standards 9-5-67.
s) Stainless & Heat Resisting Steel Forgings	RDT-MA-182		5-23-67	Was M-312. Approved by Shaw as tentative Standards 9-5-67.
t) Thermal Insulation Materials	RDT-MA-313		6-21-67	Was M-313. Approved by Shaw as tentative Standards 9-5-67.
u) Seamless Austenitic Stainless Steel Tubes	RDT-MA-213		4-20-67	Was M-314. Approved by Shaw as tentative Standards 9-5-67.
v) Carbon Steel Forgings for High Temperature Service	RDT-MA-105		3-27-67	Was M-315. Approved by Shaw as tentative Standards 9-5-67.
w) Alloy Steel Forgings for High Temperature Service	RDT-MA-336		3-31-67	Was M-316. Approved by Shaw as tentative Standards 9-5-67.
x) Non-Metallic Seal Materials	RDT-MM-318		6-21-67	Was M-318. Approved by Shaw as tentative Standards 9-5-67.
y) Impregnated Asbestos Packing Material	RDT-MM-319		6-21-67	Was M-319. Approved by Shaw as tentative Standards 9-5-67.
z) Stainless & Heat Resistant Steel Bars & Shapes for Use in Boilers & Other Pressure Vessels	RDT-MA-479		4-20-67	Was M-321. Approved by Shaw as tentative Standards 9-5-67.
aa) Cobalt-Chrome Tungsten Alloy Castings	RDT-MM-322		4-18-67	Was M-322. Approved by Shaw as tentative Standards 9-5-67.
bb) Wrought Cobalt-Chromium-Tungsten Nickel Alloy Rounds	RDT-MM-323		4-18-67	Was M-323. Approved by Shaw as tentative Standards 9-5-67.
cc) Corrosion-Resistant Chromium & Chromium-Nickel Steel Covered Welding Electrodes	RDT-MA-298		4-20-67	Was M-324. Approved by Shaw as tentative Standards 9-5-67.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<hr/>		
36. <u>U.S. Atomic Energy Commission</u> (continued)	Division of Reactor Development and Technology (cont'd)	Myer Bender, Director RDT Standards Project Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tennessee 37830

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
dd) Chromium-Nickel Steel Bars & Forgings, Corrosion-Resistant Precipitation Hardening	RDT-MM-325		7-5-67	Approved by Shaw as tentative Standards 9-5-67.
ee) Mild Steel & Corrosion-Resisting Chromium-Nickel Steel Welding Rods & Bare Electrodes	RDT-MA-371		4-26-67	Was M-326. Approved by Shaw as tentative Standards 9-5-67.
ff) Low Carbon Chromium Steel (403)	RDT-MA-276		6-21-67	Was M-327. Approved by Shaw as tentative Standards 9-5-67.
gg) Low Alloy Steel, Covered, Arc-Welding Electrodes	RDT-MA-316		3-31-67	Was M-328. Approved by Shaw as tentative Standards 9-5-67.
hh) Nickel & Nickel Base Alloy, Covered Welding Electrodes	RDT-MB-295		4-13-67	Was M-329. Approved by Shaw as tentative Standards 9-5-67.
ii) Nickel & Nickel Base Alloy Base Welding Filler Material	RDT-MB-304		4-13-67	Was M-330. Approved by Shaw as tentative Standards 9-5-67.
jj) Nickel-Chromium-Iron Alloy, Age Hardenable Wrought Shapes	RDT-MA-461		7-5-67	Was M-332. Approved by Shaw as tentative Standards 9-5-67.
kk) Springs-Helical, Age Hardenable Nickel-Chrome-Iron Alloy	RDT-MM-335		4-18-67	Was M-335. Approved by Shaw as tentative Standards 9-5-67.
ll) Electrodes & Rods-Welding, Base Low & Medium Carbon Steel	RDT-MM-336		7-5-67	Approved by Shaw as Tentative Standards 9-5-67.
mm) Cobalt-Chromium Alloy, Bars and Shapes	RDT-MM-341		4-18-67	Was M-341. Approved by Shaw as tentative Standards 9-5-67.
nn) Wrought Seamless Austenitic Steel Welding Fittings & Flanges	RDT-MA-403		5-23-67	Approved by Shaw as tentative Standards 9-5-67. Was M-343.
oo) Fittings, Carbon Steel	RDT-MA-234		7-5-67	Was M-344. Approved by Shaw as tentative Standards 9-5-67.
pp) Castings, Carbon Steel	RDT-MA-216		7-5-67	Was M-354. Approved by Shaw as tentative Standards 9-5-67.
qq) Seamless Carbon Steel Pipe for High Temperature Service	RDT-MA-106		4-26-67	Was M-362. Approved by Shaw as tentative Standards 9-5-67.
rr) Copper & Copper Alloy Arc Welding Electrodes	RDT-MB-225		6-21-67	Was M-365. Approved by Shaw as tentative Standards 9-5-67.
ss) Brazing Filler Metal	RDT-MB-260		6-21-67	Was M-367. Approved by Shaw as tentative Standards 9-5-67.
tt) Mild Steel, Arc Welding Electrodes	RDT-MA-233		6-21-67	Was M-368. Approved by Shaw as tentative Standards 9-5-67.
uu) Surface Welding Rods & Electrodes	RDT-MA-399		4-26-67	Was M-370. Approved by Shaw as tentative Standards 9-5-67.
vv) Copper & Copper Alloy Welding Rods	RDT-MB-259		6-21-67	Was M-371. Approved by Shaw as tentative Standards 9-5-67.
ww) Alloy Wire, Corrosion & Heat Resistant Nickel Base, Annealed	RDT-MM-373		4-18-67	Was M-373. Approved by Shaw as tentative Standards 9-5-67.
xx) High Tensile Strength Carbon Silicon Steel Plates for Boiler & Other Pressure Vessels	RDT-MA-516		3-31-67	Was M-381. Approved by Shaw as tentative Standards 9-5-67.
yy) Low-Carbon, Chromium Steel (Type 403), Pressure Vessels Forgings	RDT-MA-473		5-23-67	Was M-382. Will be combined w/Ma-182 Standards 9-5-67.
zz) Quenched & Tempered Alloy Steel Forgings for Pressure Vessel Components	RDT-MA-541		3-31-67	New. Approved by Shaw as tentative Standards 9-5-67.
aaa) Welding Standard	RDT-S-902		5-4-67	Includes S-927. Approved by Shaw as tentative Standard 9-5-67.
bbb) Quality Control System Requirements	RDT-S-903		5-19-67	Approved by Shaw as tentative Standards 4-11-67.
ccc) Inspection System Requirements	RDT-S-904		6-9-67	Approved by Shaw as tentative Standards 4-11-67.
ddd) Calibration System Requirements	RDT-S-905		3-31-67	Approved by Shaw as tentative Standards 6-15-67.
eee) Non-destructive Test Methods	RDT-S-908		4-20-67	
fff) Preparation for Sealing, Packaging, Packing & Marking of Components for Shipment & Storage	RDT-S-910		4-26-67	Approved by Shaw as tentative Standards 6-15-67.
ggg) Cleaning Requirements	RDT-S-913		6-16-67	

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
36. <u>U.S. Atomic Energy Commission</u> (continued)	Division of Reactor Development and Technology (cont'd)	Myer Bender, Director RDT Standards Project Oak Ridge National Laboratory P. O. Box X Oak Ridge, Tennessee 37830

Division of Reactor Standards	E. G. Case, Director Division of Reactor Standards U. S. Atomic Energy Commission Washington, D. C. 20545
-------------------------------	--

Division of State and Licensee Relations	E. R. Price, Director Division of State and Licensee Relations U. S. Atomic Energy Commission Washington, D. C. 20545
--	--

Alabama	Mr. William T. Willis, Director Division of Radiological Health Alabama Department of Public Health State Office Building, Room 313 Montgomery, Alabama 36104
---------	---

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
hhh) Preloading Threaded Fasteners by Torquing or Thermal Straining	RDT-S-915		8-25-67	
iii) Requirements for Identification Marking of Reactor Plant Components & Piping	RDT-S-916		4-7-67	Approved by Shaw as tentative Standards 6-15-67.
jjj) Radioactive Decontamination	RDT-S-917		9-28-67	
kkk) Design Manual	RDT-S-918			UNC will evaluate and make recommendations.
lll) Material Application & Processing Requirements	RDT-S-922		7-5-67	
mmm) Material & Fabrication Requirements for Ni-Cr-Fe Alloy Seal Membranes	RDT-S-923		6-21-67	
nnn) Inspection Requirements & Acceptance Standards for Seal Membranes	RDT-S-924		8-14-67	
ooo) Continuous Identification Marking of Wrought Metal Products	RDT-S-928		4-7-67	Approved by Shaw as tentative Standards 6-15-67.
ppp) Methods of Inspection for Welds for Water Cooled Nuclear Power Plants	RDT-S-934		5-17-67	
qqq) Locking Devices	RDT-S-935		8-11-67	
rrr) Additional Requirements for Heat Treatment of Carbon Steel & Low Alloy Steel as Fabricated into Reactor & Other Pressure Vessels	RDT-S-941		8-2-67	
sss) Inspection Requirements for Materials Used in Reactor Coolant System Wear Applications	RDT-S-942		3-3-67	Approved by Shaw as tentative Standard 6-15-67.
a) General Design Criteria for Nuclear Power Plant Construction Permits			7-11-67	To be incorporated in 10 CFR 50.
b) Tentative Regulatory Supplemental Criteria for ASME Code Constructed Nuclear Pressure Vessels			8-23-67	
See States Listed Below				10 CFR 150 recognizes the interest of the States and establishes a procedure whereby the States may assume responsibility for the regulation of byproduct, source and special nuclear materials within the state boundaries and in quantities not sufficient to form a critical mass. To date seventeen states have entered into such an agreement with the AEC (hence, the designation "Agreement States") and these states have established licensing procedures and requirements for such matters. This compilation will not go into the details of these various procedures, etc., but we have listed here the chief licensing official in each agreement state.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
36. <u>U.S. Atomic Energy Commission</u> (continued)	Arizona	Mr. William M. Trenholme, Director Arizona Atomic Energy Commission 40 East Thomas Road, Suite 107 Phoenix, Arizona 85012
	Arkansas	Mr. Edward F. Wilson, Director Division of Radiological Health Arkansas State Board of Health Little Rock, Arkansas 72201
	California	Dr. John M. Heslep, Chief Division of Environmental Sanitation Department of Public Health 2151 Berkeley Way Berkeley, California 94704
	Florida	Edwin G. Williams, M.D., Director Division of Radiological Health Florida State Board of Health P. O. Box 210 Jacksonville, Florida 32201
	Kansas	Mr. J. Lee Mayes, Chief Engineer and Director of Environmental Health Services Kansas State Department of Health Topeka, Kansas 66612
	Kentucky	Mr. Richard M. Fry, Director Radiological Health Program Kentucky State Department of Health 275 East Main Street Frankfort, Kentucky 40601
	Louisiana	Dr. Roy A. Parker, Director Division of Radiation Control Louisiana Board of Nuclear Energy P. O. Box 44033 Capital Station Baton Rouge, Louisiana 70804
	Mississippi	Mr. Eddie S. Fuente, Supervisor Radiological Health Unit Mississippi State Board of Health Jackson, Mississippi 39205
	Nebraska	Mr. Heinz G. Wilms, Director of Radiological Health Nebraska State Department of Health Lincoln, Nebraska 68509
	New Hampshire	Mr. Forrest H. Bumford, Director Radiation Control Agency Division of Public Health Services New Hampshire Department of Health and Welfare 61 South Spring Street Concord, New Hampshire 03301

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
-----------------------------------	--------------------	--------	---	---------

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
36. <u>U.S. Atomic Energy Commission</u> (continued)	New York	Mr. Robert D. Vessels Nuclear Health Physicist New York State Office of Atomic and Space Development P. O. Box 7036 Albany, New York 12225
	North Carolina	Mr. Dayne H. Brown, Director State Radiation Protection Program North Carolina State Board of Health Raleigh, North Carolina 27602
	Oregon	Oscar Schneider, M.D., Director Radiological Health Section Oregon State Board of Health P. O. Box 231 Portland, Oregon 97207
	Tennessee	Curtis P. McCammon, M.D., Director Industrial Hygiene and Radio- logical Health Services Tennessee Department of Public Health Cordell Hull State Office Building Nashville, Tennessee 37219
	Texas	Mr. Charles R. Barden, P.E., Director Division of Occupational Health and Radiation Control Texas State Department of Health Austin, Texas 78756
	Washington	Mr. Robert L. Stockman, Head Air Quality and Radiation Control Division of Environmental Health Washington State Department of Health 1510 Smith Tower Seattle, Washington 98104
37. <u>U.S. Coast Guard</u> The USCG is a direct descendant of the Revenue Cutter Service estab- lished in 1790. In this century it has absorbed the functions and personnel of the Lifesaving Ser- vice, the Lighthouse Service, and the Bureau of Marine Inspection and Navigation. A branch of the United States Armed Forces, it operates under the Department of Transportation except in wartime or, at the direction of the Presi- dent in a national emergency, when it is transferred to the Navy. The Coast Guard's 40,000 officers and men today serve around the world. The CG by Title 14 U.S. Code is charged with broad responsibilities for the protection of life and property at sea and other aspects of marine safety and law enforce- ment. It is concerned with nuclear	Code of Federal Regulations, Title 46	Commandant (MMT) U.S. Coast Guard Washington, D. C. 20226 Commandant (MHM) U.S. Coast Guard Washington, D. C. 20226

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
a) Inspection and Certification b) Main and Auxiliary Machinery c) General Provisions d) General Provisions e) Special Construction Arrangement and Provisions for Certain Dangerous Cargoes in Bulk	46 CFR 31 46 CFR 57 46 CFR 70 46 CFR 90 46 CFR 98	Approved Approved Approved Approved Approved		Regulations governing the operation of sea-going nuclear-powered vessels.
a) Transportation or Storage of Explosives or Other Dangerous Articles or Substances and Combustible Liquids on Board Vessels	46 CFR 146	Approved		Regulations governing the packaging, marking, and labeling of radioactive materials transported by water.

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>37. <u>U.S. Coast Guard (cont'd)</u> and radiation safety in marine nuclear propulsion and auxiliary systems and in the transportation of radioactive materials by water. The CG participates in, or maintains close liaison with professional societies, and industry organizations.</p>		
<p>38. <u>U.S. Department of Labor</u> The Bureau of Labor Standards of the U.S. Department of Labor was established in 1934. It has regulatory responsibility for the health and safety of workers within the purview of the Longshoremen's and Harbor Workers' Compensation Act, Walsh-Healey Public Contracts Act, Service Contract Act of 1965, Arts and Humanities Act of 1965, and the Vocational Rehabilitation Act Amendments of 1965. The Longshoremen's Act applies to longshoring, ship repairing, ship building, ship-breaking and other maritime employments. The Public Contracts Act and the Service Contract Act apply to contractors doing business with the Federal Government. Specific radiation safety and health standards are contained in Title 41 CFR, Part 50-204 Section 305 through 320. The Arts and Humanities Act and the Vocational Rehabilitation Act Amendments provide Federal grants and are administered by the National Council on the Arts and the U.S. Department of Health, Education, and Welfare, respectively, with safety requirements promulgated by the Secretary of Labor. No scientific research programs are undertaken by the Bureau, but it does participate in the standard making activities of other standard organizations. The Bureau also issues child labor regulations dealing with the exposure of minors to ionizing radiation sources, and other hazards of employment under the authority of the Fair Labor Standards Act of 1938, as amended.</p>	Bureau of Labor Standards	Robert D. Gidel, Director Office of Occupational Safety U.S. Department of Labor Washington, D. C. 20545
<p>39. <u>U.S. Food and Drug Administration</u> The FDA of the Department of Health, Education, and Welfare administers the Federal Food, Drug, and Cosmetic Act. It was established in 1907 (as Bureau of Chemistry, USDA). With certain minor exceptions, and with the major exception of the Federal Laws relating to meat and poultry, the Act</p>	Code of Federal Regulations, Title 21	U. S. Department of Health, Education and Welfare Washington, D. C. 20545

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
a) Safety and Health Regulations for Ship Repairing	29 CFR 1501	Approved	0	
b) Safety and Health Regulations for Shipbuilding	29 CFR 1502	Approved		
c) Child Labor Regulations Section 4.57	29 CFR 4	Approved		
d) Safety and Health Standards for Federal Supply Contracts - Radiation	41 CFR 50	Approved		
a) Food Additives, Part G. Radiation and Radiation Sources Intended for Use in the Production, Proces- sing, and Handling of Food	21 CFR 121	Approved		<p>Section 121.3001. Sources of rad- iation used for inspection of food, for inspection of packaged food, and for controlling food process- ing.</p> <p>Section 121.3002. Gamma radiation for the processing of food.</p> <p>Section 121.3003. Low-dose gamma radiation for the treatment of food.</p>

COMPILATION OF U. S. NUCLEAR STANDARDS

Sponsoring Organization	Standards Committee	Chairman, Address
<p>39. <u>U.S. Food and Drug Administration</u> (continued) is the only Federal regulatory statute with respect to food. The radiation responsibilities assigned to this agency include a) Determination of permissible levels of radioactivity in foods and drugs and the establishment and promulgation of suitable regulations; b) Maintenance of a program of radiation monitoring of such products; c) Performance of research and training on identification, evaluation, and decontamination of radioactivity in foods and drugs; d) Approval of radioactive drugs used in diagnosis and treatment, and related inspection and enforcement activities. Regulations issued by the FDA in meeting these responsibilities are published under Title 21, Code of Federal Regulations. Several regulations pertaining to radiation in accord with the Food Additives Amendment of 1958 have been promulgated.</p>	<p>Code of Federal Regulations, Title 21 (cont'd)</p>	<p>U. S. Department of Health, Education and Welfare Washington, D. C. 20545</p>
<p>40. <u>U. S. Post Office Department</u> The Postal Service was created in 1789 by the Articles of Confederation and established with adoption of the Constitution, primarily to convey "letters and intelligence through this continent." The US Post Office Department is the largest nonmilitary establishment of the Federal Government. It touches the life of every American and offers services which are indispensable to a growing and dynamic economy. While certain articles weighing up to 4 pounds were handled in the mails as early as 1863, the Parcel Post system was not established until 1913. By law articles likely to kill or injure or damage the mail or other property are nonmailable. Regulations governing the Postal Service are published in Title 39, Code of Federal Regulations, and in Chapters I and II of the Postal Manual. The regulations governing matter mailable under Special Rules are in Part 125 of Title 39, CFR and Part 125, Postal Manual.</p>	<p>Code of Federal Regulations, Title 39</p>	<p>U.S. Post Office Department Washington, D. C. 20260</p>

Codes and Standards Activities	Standard Number	Status	Date of Standard or Latest Draft	Remarks
a) Food Additives, Part G. Radiation and Radiation Sources Intended for Use in the Production, Proces- sing, and Handling of Food (continued)	21 CFR 121	Approved		(Continued) Section 121.3004. Electron beam radiation for the processing of food. Section 121.3005. X-radiation for the processing of food. Section 121.3006. Ultraviolet radiation for the processing and treatment of food. Section 121.3007. Low dose electron beam radiation for treatment of food. Section 121.3008. Microwave radi- ation for the heat treatment of food.
a) Non-Mailable Matter	39 CFR 124	Approved		Pertaining to the transportation of radioactive materials by mail.
b) Matter Mailable Under Special Rules	39 CFR 125	Approved		
c) Radioactive Materials	POSTL 124.24	Approved		
d) Mailable Matter Under Special Rules, Radioactive Materials	POSTL 125.25	Approved		
e) Non-Mailable Matter, Radioactive Matter	POSTL 124.24	Approved		

BIBLIOGRAPHY

1. Selected Bibliography of Radiation Protection Organizations, Committee on Ionizing Radiation, American Conference of Governmental Industrial Hygienists, 1963. (Copies may be purchased for \$2.00 each from the American Conference of Governmental Industrial Hygienists, 1014 Broadway, Cincinnati 2, Ohio.)
2. How American Standards Are Made, American Standards Association, Inc., 10 East 40th Street, New York, New York 10016.
3. 1966 Catalogue of American Standards: Index and Recommendations Included, American Standards Association, Inc., No. 6301, 10 East 40th Street, New York, New York 10016.
4. C. L. Whitmarsh, Status of Activities in Nuclear Standards, Nucl. Safety, 3(4): 1-11 (June 1962).
5. F. Kertesz, A History of Nuclear Standards for Safety, Nucl. Safety, 2(3): 5-7 (March 1961).
6. S. F. Booth, Standardization Activities in the United States, NBS Misc. Pub. 230, August 1960.
7. Index to ASTM Standards as of July 1, 1966, American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pennsylvania, September 1966.
8. R. D. Evans, Physical, Biological and Administrative Problems Associated with the Transportation of Radioactive Substances, Publication 205, National Research Council, Publications Office of the National Research Council, Washington 25, D. C.
9. Directory of U. S. Standardization Activities, NBS Misc. 288, National Bureau of Standards, Government Printing Office, 1967
10. K. W. Haff and T. R. Horton, Regulations and Standards for the Transportation of Radioactive Materials, Nucl. Safety, 7(4): 409 (Summer 1966).
11. Wm. B. Cottrell, National and International Nuclear Codes, Standards and Regulations, Nucl. Safety, 7(4): 415 (Summer 1966).
12. NSB Special Committee, 1966 Compilation of National and International Nuclear Standards (Excluding U. S. Activities), 3rd ed., USAEC Report ORNL-NSIC-38, Oak Ridge National Laboratory, October 1967.
13. AEC Press Release H-252, Oct. 22, 1966.

14. H. L. Beck et al., Spectrometric Techniques for Measuring Environmental Gamma Radiation, AEC Report HASL-150, Health and Safety Laboratory, New York Operations Office, October 1964.
15. G. I. Coats, Radionuclide Standardization, Environmental Health Series, Radiological Health, U. S. Department of Health, Education, and Welfare, Public Health Service, Rockville, Maryland, April 1967.
16. J. B. Hursh, Editor, Chemical Methods for Routine Bioassay, AECU-4024, University of Rochester, Rochester, New York, November 1958.
17. P. V. King, NASAs Kennedy Space Center Radiological Safety Handbook, Report N65-12416N, NASA-TM-X-54859, National Aeronautics and Space Administration, November 1, 1964.
18. M. C. Leverett, Nuclear Safety Standardization at the International Level, HW-SA-3310, CONF-460-1, General Electric Co., Hanford Atomic Products Operation, Richland, Washington, January 2, 1964.
19. H. W. Koch et al., Nuclear and Radiation Standards of Importance to the National Atomic Energy Program, Technical Note 283, National Bureau of Standards, Washington, D. C., March 31, 1966.
20. A. W. Savolainen, Report of Activities of American Nuclear Society Standards Committee for the Period November 1966 through April 1967, American Nuclear Society.
21. List of Standards and Guides for Protection Against Ionizing Radiation, (2nd Draft), Standards Committee, Health Physics Society, 1966 Edition.
22. American Standard Guide for Administrative Practices in Radiation Monitoring, (Seventh Draft), Subcommittee N2.6, United States of America Standards Institute, January 1967.
23. USA Standards Institute 1967 Catalog, United States of America Standards Institute, 10 East 40th Street, New York, New York 10021, December 31, 1966.
24. Radiation Protection in Educational Institutions, NCRP Report No. 32, National Council on Radiation Protection and Measurements, NCRP Publications, P. O. Box 4867, Washington, D. C., July 1, 1966.
25. NCRP Annual Report 1966, National Council on Radiation Protection and Measurements, 4201 Connecticut Avenue, N.W., Washington, D. C.
26. Manual of Radiation Protection Standards, HW-25457, Revision 1, General Electric, Hanford Atomic Products Operation, July 1957.

27. Nuclear Radiation Guide, AD-410-890 (MRL-TDR-62-61), Aerospace Medical Division, 6570th Aerospace Medical Research Lab., Wright-Patterson AFB, Ohio, November 1962.
28. Index of Federal Specifications and Standards, General Services Administration Federal Supply Service, Government Printing Office, 1967.
29. Department of Defense Index of Specifications and Standards, Part I, Department of Defense, Government Printing Office, 1967.
30. Robert Baker, Status of Proposed Transportation Regulation, (CONF-620-3) from INM 5th Annual Meeting, Pittsburgh, May 1964.
31. Documentation of Threshold Limit Values, Committee on Threshold Limits, American Conference of Governmental Industrial Hygienists, 1962.
32. Radiobiological Factors in Manned Space Flight, NAS-NRC-Publication 1487, National Academy of Sciences, 1967.
33. Radionuclide Standardization, A Bibliography, U.S. Department of Health, Education, and Welfare, April 1967.
34. Radiation Processing of Foods, Joint Committee on Atomic Energy, Record for June 9-10, 1965.
35. Development, Growth and State of the Atomic Energy Industry, Joint Committee on Atomic Energy, Record for August 10, 11, and September 8, 1965.

INDEX OF ABBREVIATIONS USED IN THIS COMPILATION

AAR	Association of American Railroads
ABS	American Bureau of Shipping
ACGIH	American Conference of Governmental Industrial Hygienists
ACI	American Concrete Institute
AEC	(United States) Atomic Energy Commission
AIChE	American Institute of Chemical Engineers
AIEE	American Institute of Electrical Engineers (See IEEE)
AIF	Atomic Industrial Forum
AIHA	American Industrial Hygiene Association
ANS	American Nuclear Society
APCA	Air Pollution Control Association
API	American Petroleum Institute
ASA	American Standards Association
ASCE	American Society of Civil Engineers
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing and Materials
AWS	American Welding Society
CAB	Civil Aeronautics Board
CFR	Code of Federal Regulations
CG	(United States) Coast Guard
DL	(United States) Department of Labor
DRDT	Division of Reactor Development and Technology (USAEC)
ELI	Edison Electric Institute
ESSA	Environmental Science Service Administration
FAA	Federal Aviation Agency
FDA	(United States) Food and Drug Administration
FICTRM	Federal Interagency Commission on Transportation of Radioactive Materials
FRC	Federal Radiation Council
ICC	Interstate Commerce Commission
ICRP	International Council on Radiation Protection
IEC	International Electrochemical Commission

IEEE	Institute of Electrical and Electronics Engineers
INMM	Institute of Nuclear Materials Management
IRE	Institute of Radio Engineers (See IEEE)
ISA	Instrument Society of America
ISO	International Standards Organization
NAE	National Academy of Engineering
NAS	National Academy of Sciences
NBS	National Bureau of Standards
NCRP	National Council on Radiation Protection and Measurement
NEMA	National Electrical Manufacturers' Association
NFPA	National Fire Protection Association
NRC	National Research Council
NSC	National Safety Council
NSF	National Sanitation Foundation
SNAME	Society of Naval Architects and Marine Engineers
TC	Technical Committee
TRB	Technical Research Bulletin
UL	Underwriters' Laboratories, Inc.
UNC	Union Carbide Corporation
USAEC	United States Atomic Energy Commission
USASI	United States of America Standards Institute
USCG	United States Coast Guard
USWB	United States Weather Bureau
WG	Working Group

KWIC (KEYWORD IN CONTEXT) INDEX

This KWIC index has been prepared with the cooperation of Ann Klein of the ORNL Technical Information Division. The KWIC code was developed by IBM and has proven to be a useful tool for the preparation of indexes for many different purposes. Although KWIC indexes may also include author and corporate indexes, for obvious reasons this index includes only the basic permuted title index. Basically, this index lists alphabetically all significant words in every title together with the complete title. Not only are nonessential words omitted (e.g., and, the, of, standard, code, etc.), but for ease in reading, the alphabetical listing is centered on the page. The standard or standard committee listed in the right hand column will enable one to locate the standard activity in the preceding compilation.

A

PROCEDURE FOR SITE EVALUATION CONSIDERING	ABNORMAL REACTOR BEHAVIOR	ANS-2A
TRONS AND GAMMA-RAYS	MEASUREMENT OF ABSORBED DOSE OF NEUTRONS AND OF MIXTURES OF NEUTRONS AND GAMMA-RAYS	NBS-75 *
TEST FOR ABSORBED GAMMA RADIATION DOSE IN FRICKE DOSIMETER	ASTM-D1671*	
USE OF BORO SILICATE GLASS RASCHIG RINGS AS A FIXED NEUTRON ABSORBER IN SOLUTIONS OF FISSIONABLE MATERIAL	US	ANS-8C
USE OF SOLUBLE ABSORBERS IN PROCESSES INVOLVING FISSIONABLE MATERIAL	US	ANS-8E
USE OF BORO SILICATE - GLASS RASCHIG RINGS AS FIXED NEUTRON ABSORBERS IN SOLUTIONS OF FISSIONABLE MATERIALS	US	USASI-NI6B
ATION OF URANIUM AND PLUTONIUM CONCENTRATION AND ISOTOPIC ABUNDANCES	METHOD FOR DETERMINATION	ASTM-E-267*
SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS		NBS-97 *
SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS		NCRP-58 *
SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS		NCRP-12
RADIATION SHIELDING FOR PARTICLE ACCELERATORS		NCRP-22
STANDARD CONTRACT CLAUSES FOR WARRANTIES AND ACCEPTANCE STANDARDS, DRAWINGS, AND CHANGES		AIF-N
INSPECTION REQUIREMENTS AND ACCEPTANCE STANDARDS FOR SEAL MEMBRANES		AECROTS924
PERMITS FOR ACCESS TO RESTRICTED DATA		AECICCFR25*
CRITERIA AND PROCEDURES FOR DETERMINING ELIGIBILITY FOR ACCESS TO RESTRICTED DATA OR DEFENSE INFORMATION		AECICCFR10*
CRITICALITY ACCIDENT ALARMS AND SUBSEQUENT PROCEDURES		ANS-8G
AMERICAN STANDARD FOR CRITICALITY ACCIDENT COSMETRY		ASA N7-5A
CRITICALITY ACCIDENT COSMETRY		USASI-NI3B
MENT OF SPECIAL NUCLEAR REGULATIONS TO PROTECT AGAINST ACCIDENTAL CONDITIONS OF CRITICALITY IN THE SHIP		AECICCFR71*
IRRADIATED FUELS PROCESSING ACCOUNTABILITY STANDARD		ASA N5-3C
GUIDE FOR NUCLEAR LOSS AND PRODUCTION ACCOUNTING METHODS		INMM-F-8
RADIOACTIVE NUCLEAR ACIDS AND PRECURSORS		NCRP-24
BOILER AND PRESSURE VESSEL ACTIVITIES		ANS-7L
CLASSIFICATION OF RADIATION ZONES FOR NUCLEAR ACTIVITIES		ANS-7V
DIRECTORY OF U.S. STANDARDIZATION ACTIVITIES		BIBLIO-9
ONAL AND INTERNATIONAL NUCLEAR STANDARDS (EXCLUDING U.S. ACTIVITIES)	1966 COMPILATION OF NATIONAL AND INTERNATIONAL NUCLEAR STANDARDS	BIBLIO-12
UNCLASSIFIED ACTIVITIES IN FOREIGN ATOMIC ENERGY PROGRAMS		AECICCF110*
STATUS OF ACTIVITIES IN NUCLEAR STANDARDS		BIBLIO-4
STANDARDIZATION ACTIVITIES IN THE UNITED STATES		BIBLIO-6
COMMITTEE FOR THE PERIOD NOV.1966-APR.1967	REPORT OF ACTIVITIES OF AMERICAN NUCLEAR SOCIETY STANDARDS	BIBLIO-20
REACTOR COOLANT RELIEF VALVE, PRESSURE, ACTUATED PILOT CONTROL		AECROTE13
TENDED FOR USE IN THE PRODUCTION, PROCESSING, AND H/ FCD ADDITIVES G. RADIATION AND RADIATION SOURCES IN		FOA21CF121*
ACTORS IN CURRENT GUIDELINES ON RADIATION PROTECTION FOR/ ADEQUACY OF TECHNICAL, BIOLOGICAL AND ECONOMIC F		FRC 8
RECOMMENDED PRACTICE FOR EXPOSURE OF ADHESIVE SPECIMENS TO HIGH ENERGY RADIATION		ASTM-D1879*
BIO-ASSAY SERVICES, AND PERSONNEL DOSIMETRY	ADMINISTRATIVE PRACTICES IN RADIATION MONITORING	ASA N2-6A
AMERICAN STANDARD GUIDE FOR ADMINISTRATIVE PRACTICES IN RADIATION MONITORING		BIBLIO-22
SPORTATION OF RADIOACTIVE SUBST/ PHYSICAL, BIOLOGICAL AND ADMINISTRATIVE PRACTICES IN RADIATION MONITORING		USASI-NI2D
SPORTATION OF RADIOACTIVE SUBST/ PHYSICAL, BIOLOGICAL AND ADMINISTRATIVE PROBLEMS ASSOCIATED WITH THE TRAN		BIBLIO-8
NS AND GAMMA-RAYS	ADMINISTRATIVE PROBLEMS ASSOCIATED WITH THE TRAN	NAS-63 *
MEASUREMENT OF ADSORBED DOSE OF NEUTRONS AND MIXTURES OF NEUTRO		NCRP-20 *
ADVISORY PCARES		AECICCFR7 *
INTERNATIONAL AFFAIRS		AIF-P
SPRINGS - HELICAL, AGE HARDENABLE NICKEL - CHROME - IRON ALLOY		AECROTM335
NICKEL - CHROMIUM - IRON ALLOY, AGE HARDENABLE WROUGHT SHAPES		AECROTM461
EXEMPTIONS AND CONTINUED REGULATORY AUTHORITY IN AGREEMENT STATES UNDER SECTION 274		AECICCF150*
FINANCIAL PROTECTION REQUIREMENTS AND INDEMNITY AGREEMENTS		AECICCF140*
EFFECTS OF ATOMIC RADIATION ON AGRICULTURE AND FOOD SUPPLIES		NAS-C
AND MAXIMUM PERMISSIBLE CONCENTRATION OF RADIONUCLIDES IN AIR AND IN WATER FOR OCCUPATIONAL EXPOSURE /ENS		NCRP-2 *
ND MAXIMUM PERMISSIBLE CONCENTRATIONS OF RADIONUCLIDES IN AIR AND IN WATER FOR OCCUPATIONAL EXPOSURE /NS A		NBS-69 *
THE HUMAN BODY AND MAXIMUM PERMISSIBLE CONCENTRATIONS IN AIR AND WATER /SIBLE AMOUNTS OF RADIOISOTOPES IN		NBS-52 *
AMERICAN STANDARD FOR RADIATION PROTECTION IN AIR AND WATER SAMPLING		ASA N7-2A
DESIGN GUIDE FOR AIR FILTER INSTALLATION FOR RADIOACTIVE GASES		ASA N5-4C
DESIGN OF BORE AIR ICHIZATION CHAMBERS		NBS-64 *
BY PHYSICAL MEASUREMENTS METHOD OF TEST FOR DENSITY IN AIR OF MANUFACTURED CARBON AND GRAPHITE ARTICLES		ASTM-C-559*
SPECIAL CIVIL AIR REGULATIONS		FAA SR132 *
PHERIC CONTAMINANTS	AIR SAMPLING INSTRUMENTS FOR EVALUATION OF ATMOS	ACGIH-A
	AIR SAMPLING INSTRUMENTS MANUAL	ACGIH-B
	AIR TRANSPORT RESTRICTED ARTICLES TARIFF	CAB
	ALARM SIGNAL	ASA N2-1B
IMMEDIATE EVACUATION	ALARM SIGNAL	USASI-NI2C
IMMEDIATE EVACUATION	ALARM SYSTEM	USASI-NI6C
CRITICALITY ACCIDENT	ALARMS AND SUBSEQUENT PROCEDURES	ANS-8G
SPRINGS - HELICAL, AGE HARDENABLE NICKEL - CHROME - IRON ALLOY		AECROTM335
ANGER/ SPECIFICATION FOR SEAMLESS FERRITIC AND AUSTENITIC ALLOY - STEEL BOILER, SUPERHEATER, AND HEAT EXCH		ASTM-A-213*
COPPER AND COPPER ALLOY ARC WELDING ELECTRODES		AECROTM225
SPECIFICATION FOR COLUMBIUM AND COLUMBIUM ALLOY BAR, ROD, AND WIRE		ASTM-B-392*
/FOR HOT ROLLED AND COLD FINISHED ZIRCONIUM AND ZIRCONIUM ALLOY BARS, ROD, AND WIRE FOR NUCLEAR APPLICATI/		ASTM-B-351*
NICKEL AND NICKEL BASE ALLOY BASE WELDING FILLER MATERIAL		AECROTM304
COBALT - CHROME TUNGSTEN ALLOY CASTINGS		AECROTM322
SEAMLESS ANNEALED NICKEL - CHROMIUM - IRON ALLOY CONDENSER - HEAT EXCHANGER TUBES		AECROTM163
SPECIFICATION FOR SEAMLESS NICKEL AND NICKEL ALLOY CONDENSER AND HEAT EXCHANGER TUBES		ASTM-B-163*
SPECIFICATION FOR TITANIUM AND TITANIUM ALLOY FORGINGS		ASTM-B-381*
ATIONS SPECIFICATION FOR ZIRCONIUM AND ZIRCONIUM ALLOY FORGINGS AND EXTRUSIONS FOR NUCLEAR APPLIC		ASTM-B-356*
URANIUM - ALUMINUM ALLOY FUEL		ASA N5-1Q
ZIRCONIUM AND ZIRCONIUM ALLOY INGOTS		ASTM-B-350*
SPECIFICATION FOR COLUMBIUM AND COLUMBIUM ALLOY INGOTS		ASTM-B-391*
NICKEL - CHROME - IRON ALLOY PLATE SHEET AND STRIP		AECROTM168
SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLOY PLATE, SHEET, AND STRIP		ASTM-B-168*
NICKEL - CHROMIUM - IRON ALLOY ROD AND BAR		AECROTM166
SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLOY ROD AND BAR		ASTM-B-166*
WROUGHT COBALT - CHROMIUM - TUNGSTEN NICKEL ALLOY ROUNDS		AECROTM323
AND FABRICATION REQUIREMENTS FOR NICKEL - CHROMIUM - IRON ALLOY SEAL MEMBRANES		AECROTS923
SPECIFICATION FOR COLUMBIUM AND COLUMBIUM ALLOY SEAMLESS AND WELDED TUBES		ASTM-B-394*
ICE SPECIFICATION FOR WROUGHT ZIRCONIUM AND ZIRCONIUM ALLOY SEAMLESS AND WELDED TUBES FOR NUCLEAR SERV		ASTM-B-353*
SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLOY SEAMLESS PIPE AND TUBE		ASTM-B-167*
ATIONS SPECIFICATION FOR ZIRCONIUM AND ZIRCONIUM ALLOY SHEET, STRIP, AND PLATE FOR NUCLEAR APPLIC		ASTM-B-352*
/ REQUIREMENTS FOR HEAT TREATMENT OF CARBON STEEL AND LOW ALLOY STEEL AS FABRICATED INTO REACTOR AND OTHER		AECROTS941
RE SERVICE ALLOY STEEL BOLTING MATERIALS FOR HIGH TEMPERATU		AECROTM320
RE SERVICE ALLOY STEEL BOLTING MATERIALS FOR HIGH TEMPERATU		ASTM-A-193*
E ALLOY STEEL FORGINGS FOR HIGH TEMPERATURE SERVIC		AECROTM336
NTS QUENCHED AND TEMPERED ALLOY STEEL FORGINGS FOR PRESSURE VESSEL COMPONE		AECROTM341

QUENCHED AND TEMPERED VACUUM - TREATED CARBON AND ALLOY STEEL FORGINGS FOR PRESSURE VESSELS AECROTHA508
 HIGH TEMPERATURE SERVICE SPECIFICATION FOR CARBON AND ALLOY STEEL NUTS FOR BOLTS FOR HIGH PRESSURE AND ASTM-A-194*
 LIVES AND PARTS FOR HI/ SPECIFICATION FOR FORGED OR ROLLED ALLOY STEEL PIPE FLANGES, FORGED FITTINGS AND VA ASTM-A-182*
 N FOR ELECTRIC FUSION WELDED AUSTENITIC CHROMIUM - NICKEL ALLOY STEEL PIPE FOR HIGH TEMPERATURE SERVICE /O ASTM-A-358*
 SPECIFICATION FOR TITANIUM AND TITANIUM ALLOY STEEL SEAMLESS DRUM FORGINGS ASTM-A-336*
 SPECIFICATION FOR COLUMBIUM AND COLUMBIUM ALLOY STEEL, COVERED, ARC WELDING ELECTRODES AECROTHA316
 COPPER AND COPPER ALLOY STRIP, SHEET, AND PLATE ASTM-B-265*
 BASE, ANNEALED ALLOY WELDING RODS ASTM-B-393*
 NICKEL - CHROMIUM - IRON ALLOY WIRE, CORROSION AND HEAT RESISTANT NICKEL AECROTHB259
 COBALT - CHROMIUM ALLOY, AGE HARDENABLE WROUGHT SHAPES AECROTHA461
 NICKEL AND NICKEL BASE ALLOY, BARS AND SHAPES AECROTHM341
 WELDING QUALITY FOR ALUMINUM AND ITS ALLOYS IN NUCLEAR SYSTEMS AECROTHB295
 AND INDUSTRIAL WASTE WATER MEASUREMENT OF ALPHA PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER MET ANS-7N
 MOD FOR MEASURING FAST NEUTRON FLUX BY RADIOACTIVATION OF ALUMINUM ALUMINUM ALLOY FUEL ASTM-D1943*
 WELDING QUALITY FOR ALUMINUM AND ITS ALLOYS IN NUCLEAR SYSTEMS ASA NS-1Q
 PLATE TYPE URANIUM - ALUMINUM FUEL ANS-7N
 MECHANICALLY ASSEMBLED PLATE TYPE URANIUM - ALUMINUM FUEL ELEMENTS ASA NS-1D
 QUALITY CONTROL FOR PLATE TYPE URANIUM - ALUMINUM FUEL ELEMENTS ANS-7A *
 THE PERIOD NOV. 1966-APR. 1967 REPORT OF ACTIVITIES OF AMERICAN NUCLEAR SOCIETY STANDARDS COMMITTEE FOR ANS-70 *
 CUMULATION OF AMERICAN NUCLEAR STANDARDS BIBLIO-20
 E LABORATORY, TYPE B ASA NS-9A *
 S ASA B31-7A
 ENTRY ASA NS-4A *
 MATERIALS OUTSIDE REACTORS AMERICAN STANDARD FOR BASES FOR G-M COUNTER TUBE ASA A3A *
 MENTS AMERICAN STANDARD FOR CRITICALITY ACCIDENT DOSIM ASA N7-5A
 R AND WATER SAMPLING AMERICAN STANDARD FOR GM COUNTER TUBES USAS1-N42A*
 ORUM MILLS AND MINES (CONCENTRATORS) AMERICAN STANDARD FOR OPERATION WITH FISSIONABLE ASA N6-8A *
 ANIUM MILLS AND MINES (CONCENTRATORS) AMERICAN STANDARD FOR RADIATION MEASURING INSTR ASA N7-3A
 NC MAINTENANCE OF STEEL CONTAINMENT STRUCTURES FOR STATI/ AMERICAN STANDARD FOR RADIATION PROTECTION IN AI ASA N7-2A
 AMERICAN STANDARD FOR RADIATION PROTECTION IN TH ASA N7-1B
 AMERICAN STANDARD FOR RADIATION PROTECTION IN UR ASA N7-1A *
 AMERICAN STANDARD FOR THE DESIGN, FABRICATION, A ASA N6-2A *
 AMERICAN STANDARD FOR THE USE OF FILM DOSIMETERS ASA N7-4A *
 AMERICAN STANDARD GLOSSARY OF TERMS IN NUCLEAR S ASA N1A *
 AMERICAN STANDARD GLOSSARY OF TERMS IN NUCLEAR S ASA N2-4B *
 AMERICAN STANDARD GUIDE FOR ADMINISTRATIVE PRACT BIBLIO-22
 AMERICAN STANDARD GUIDE FOR DESIGN AND OPERATION ASA N5-5B *
 AMERICAN STANDARD GUIDE TO PRACTICE IN TRANSPORT ASA N5-5A *
 AMERICAN STANDARD GUIDE TO PRACTICE IN TRANSPORT ASA N5-5C
 AMERICAN STANDARD ON INTERRELATIONSHIP OF QUARTZ ASA N3B *
 AMERICAN STANDARD ON INTERRELATIONSHIP OF QUARTZ USAS1-N42B
 AMERICAN STANDARD PRACTICE FOR OCCUPATIONAL RADI ASA N2-2A *
 AMERICAN STANDARD RADIATION PROTECTION IN NUCLEA ASA N7-7A *
 AMERICAN STANDARD RADIATION SYMBOL ASA N2-1A *
 AMERICAN STANDARD RADIATION SYMBOL USAS1-N12B
 AMERICAN STANDARD SAFETY STANDARD FOR NON MEDICA ASA Z54-1A*
 L X-RAY AND GAMMA-RAY SOURCES AMERICAN STANDARDS - INDEX AND RECOMMENDATIONS I BIBLIO-3
 INCLUDED 1966 CATALOGUE OF AMERICAN STANDARDS ARE MADE BIBLIO-2
 TEST PROCEDURES - LINEAR DC CURRENT AMPLIFIERS IEEE-28
 PLUTONIUM STANDARD FOR REFERENCE METHODS OF ANALYSIS FOR PLUTONIUM COMPOUNDS ASA NS-1L
 REFERENCE METHODS OF ANALYSIS FOR THORIUM COMPOUNDS ASA NS-1P
 METHOD FOR CHEMICAL ANALYSIS OF CARBON AND GRAPHITE ASTM-C-560*
 REFERENCE METHODS FOR THE CHEMICAL ANALYSIS OF NUCLEAR FUELS ASA NS-1F *
 REFERENCE METHODS FOR THE CHEMICAL ANALYSIS OF NUCLEAR FUELS USAS1-N110*
 METHODS FOR ANALYSIS OF PHOSPHORUS-32 ASTM-E-182*
 REFERENCE METHODS FOR THE CHEMICAL ANALYSIS OF PLUTONIUM BEARING FUELS ASA NS-1N
 GENERAL METHODS OF ANALYSIS OF RADIOISOTOPES ASTM-E-181*
 METHODS FOR CHEMICAL ANALYSIS OF REACTOR AND COMMERCIAL COLUMBIUM ASTM-E-195*
 REFERENCE METHODS FOR THE CHEMICAL ANALYSIS OF THORIUM BEARING FUELS ASA NS-1O
 ANALYTICAL METHOD FOR DETERMINING ORGANIC MATERI ASA NS-1K
 AL IN NUCLEAR FUEL ANNEALED AECROTHM373
 ALLOY WIRE, CORROSION AND HEAT RESISTANT NICKEL BASE, SEAMLESS ANNEALED NICKEL - CHROMIUM - IRON ALLOY CONDENSE AECROTHB163
 R - HEAT EXCHANGER TUBES NCRP ANNUAL REPORT 1966 BIBLIO-25
 RULES OF PROCEDURE IN CONTRACT APPEALS AEC1CCFR3 *
 RULES OF GENERAL APPLICABILITY TO LICENSING OF BYPRODUCT MATERIAL AEC1CCFR3 *
 CALCULATIONAL METHODS APPLICABLE TO CRITICALITY PROBLEMS ANS-8B
 METHOD FOR RADIOCHEMICAL DETERMINATION OF CESIUM-137 IN AQUEOUS SOLUTIONS ASTM-E-198*
 METHOD FOR COLORIMETRIC DETERMINATION OF URANIUM IN AQUEOUS SOLUTIONS ASTM-E-245*
 COLORIMETRIC DETERMINATION OF URANIUM IN AQUEOUS SOLUTIONS ASTM-E-318*
 METHOD FOR RADIOCHEMICAL DETERMINATION OF CESIUM-137 IN AQUEOUS SOLUTIONS (CHLOROPLATINATE METHOD) ASTM-E-218*
 MID STEEL, ARC WELDING ELECTRODES AECROTHA233
 LOW ALLOY STEEL, COVERED, ARC WELDING ELECTRODES AECROTHA316
 COPPER AND COPPER ALLOY ARC WELDING ELECTRODES AECROTHB225
 SPECIAL CONSTRUCTION ARRANGEMENT AND PROVISIONS FOR CERTAIN DANGEROUS CG46CFR98 *
 CARGOS IN BULK ARTICLES FAA14CFR49*
 TRANSPORTATION OF EXPLOSIVES AND OTHER DANGEROUS ARTICLES ICC49CFR72*
 COMMODITY LIST OF EXPLOSIVES AND OTHER DANGEROUS ARTICLES AND MAGNETIZED MATERIALS FAA14CF103*
 TRANSPORTATION OF DANGEROUS ARTICLES BY PHYSICAL MEASUREMENTS METHOD OF TEST ASTM-C-559*
 ST FOR DENSITY IN AIR OF MANUFACTURED CARBON AND GRAPHITE ARTICLES OR SUBSTANCES AND COMBUSTIBLE LIQUIDS / CG46CF146 *
 /TRANSPORTATION OR STORAGE OF EXPLOSIVES OR OTHER DANGEROUS ARTICLES TARIFF CAB
 AIR TRANSPORT RESTRICTED ARTICLES PACKING MATERIAL AECROTHM319
 IMPREGNATED ASBESTOS PACKING MATERIAL ASTM-C-561*
 METHODS OF TEST FOR ASH IN GRAPHITE AEC DR5-B
 TENTATIVE REGULATORY SUPPLEMENTAL CRITERIA FOR MECHANICALLY ASSEMBLED PLATE TYPE URANIUM - ALUMINUM FUEL ELE ANS-7A *
 MENTS ELECTRICAL PENETRATION ASSEMBLIES IN CONTAINMENT STRUCTURES FOR STATION IEEE-2A
 ARY NUCLEAR POWER REACTORS PRESSURIZER HEATER AND CONNECTOR ASSEMBLY AECROTE7
 NONDISCRIMINATION IN FEDERALLY ASSISTED COMMISSION PROGRAMS AEC1CCFR4 *
 INDEX TO ASTM STANDARDS AS OF JULY-1, 1966 BIBLIO-7
 IONS GOVERNING THE RELEASE OF RADIOACTIVE MATERIAL TO THE ATMOSPHERE STATUS OF REGULAT APCA
 URANIUM MINES AND MILLS - ATMOSPHERE CONTROL USAS1-N13H
 TENSILE STRENGTH FOR FISSION WELDED PRESSURE VESSELS FOR ATMOSPHERIC AND LOWER TEMPERATURE SERVICE /DIATE ASTM-A-516*

AIR SAMPLING INSTRUMENTS FOR EVALUATION OF	ATMOSPHERIC CONTAMINANTS	ACGIH-A
URANIUM MINES AND MILLS -	ATMOSPHERIC SAMPLING	USASI-N13E
CTROGRAPHIC METHOD)	METHOD OF TEST FOR	ASTM-E-244*
MICAL METHOD)	METHOD OF TEST FOR	ASTM-E-219*
	PETECROLOGY AND	ESSA
	ZONING STANDARDS FOR	ASA N2-5A
DEVELOPMENT; GROWTH AND STATE OF THE	ATCMIC ENERGY FACILITIES	BIBLIO-35
EAR AND RADIATION STANDARDS OF IMPORTANCE TO THE NATIONAL	ATCMIC ENERGY PROGRAM	BIBLIO-19
UNCLASSIFIED ACTIVITIES IN FOREIGN	ATCMIC ENERGY PROGRAMS	NUCL AECICCF110*
ARCS FOR LOCATION, DESIGN, CONSTRUCTION, AND OPERATION OF	ATCMIC FACILITIES, EXCEPT REACTORS	STAND ASA N101
THE BIOLOGICAL EFFECTS OF	ATCMIC RADIATION	NAS-A *
METEOROLOGICAL ASPECTS OF	EFFECTS OF	NAS-D
S	EFFECTS OF	NAS-C
	THE EFFECTS OF	NAS-E2 *
D HEAT EXCHANGER/ SPECIFICATION FOR SEAMLESS FERRITIC AND	ATTACHMENT OF IRRADIATED FUEL CASKS TO VEHICLES	ASA N5-5E
K HIGH TEMPERAT/ SPECIFICATION FOR ELECTRIC FUSION WELDED	AUSTENITIC ALLOY - STEEL BOILER, SUPERHEATER, AN	ASTM-A-213*
E SERVICE	AUSTENITIC CHROMIUM - NICKEL ALLOY STEEL PIPE FO	ASTM-A-358*
PERATURE AND CORROSIVE SERVICE	AUSTENITIC COLD WROUGHT PIPE FOR HIGH TEMPERATUR	ASTM-A-452*
	AUSTENITIC STAINLESS STEEL CASTINGS FOR HIGH TEM	AECROTHA351
	AUSTENITIC STAINLESS STEEL PIPE	AECROTHA376
	AUSTENITIC STAINLESS STEEL PIPE	ASTM-A-312*
	AUSTENITIC STAINLESS STEEL TUBES	AECROTHA213
RVICE	AUSTENITIC STAINLESS STEEL TUBING FOR GENERAL SE	ASTM-A-269*
NGER, AND CONDENSER TUBES	AUSTENITIC STEEL BOILER, SUPERHEATER, HEAT EXCHA	ASTM-A-249*
ERVICE	AUSTENITIC STEEL CASTINGS FOR HIGH TEMPERATURE S	ASTM-A-351*
AL STATION SERVICE	AUSTENITIC STEEL PIPE FOR HIGH TEMPERATURE CENTR	ASTM-A-376*
CE	AUSTENITIC STEEL PIPE FOR HIGH TEMPERATURE SERVI	ASTM-A-451*
	WROUGHT SEAMLESS	AECROTHA403
	MODEL REGULATIONS FOR TURNPIKES AND	ASA N2-5C
	EXEMPTIONS AND CONTINUED REGULATORY	AECICCF150*
OWER PLANTS	AUTHORITIES	IEEE-1E
	MAINTENANCE	CG46CFR57 *
ER	DETERMINATION OF TIME VARIANT OVERPRESSURE	ANS-51
SONABLE ROYALTY FEE, JUST COMPENSATION OR THE GRANT OF AN	AWARD FOR PATENTS, INVENTIONS OR DISCOVERIES /EA	AECICCFR80*

B

STANDARD DESIGN GUIDE FOR A RADIOISOTOPE LABORATORY, TYPE B	AMERICAN	ASA N5-4A *
TIVE STORAGE FACILITIES FOR RADIOISOTOPE LABORATORY, TYPE B	DESIGN GUIDE FOR RADIOAC	ASA N5-4B
DESIGN GUIDE FOR RADIOISOTOPE LABORATORY (TYPE B)	USASINIOIA*	
PROTECTION STANDARDS	BACKGROUND MATERIAL FOR DEVELOPMENT OF RADIATION	FRC 1 *
PROTECTION STANDARDS	BACKGROUND MATERIAL FOR DEVELOPMENT OF RADIATION	FRC 2 *
TION PROTECTION STANDARDS	BACKGROUND MATERIAL FOR THE DEVELOPMENT OF RADIA	FRC 5 *
	BACGE SERVICES	NSF 16 *
IA FOR CERTIFICATION PROCEDURES IN THE PROCESSING OF FILM	BADGES	CRITER ASA N7-4B
REGULATIONS APPLYING TO RAIL CARRIERS IN	BAGGAGE SERVICE	ICC49CFR76*
NICKEL - CHROMIUM - IRON ALLOY ROD AND	BAR	AECROTHB166
SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLOY ROD AND	BAR	ASTM-B-166*
SPECIFICATION FOR COLUMBIUM AND COLUMBIUM ALLOY	BAR, ROD, AND WIRE	ASTM-B-392*
SION - RESISTING CHROMIUM - NICKEL STEEL WELDING RODS AND	BARE ELECTRODES	AECROTHA371
T OVERPRESSURE AVAILABLE FOR DRIVING ISOTOPES THROUGH THE	BARRIER	DETERMINATION OF TIME VARIAN
)	BARRIER (THE PRESSURE VESSEL OR ITS COUNTERPART	ANS-5H
TATION HARDENING	BARS AND FORGINGS, CORROSION - RESISTANT PRECIPI	AECROTHM325
	CHROMIUM - NICKEL STEEL	AECROTHM341
SSURE VESSELS	COBALT - CHROMIUM ALLOY,	AECROTHA479
OT ROLLED AND COLD FINISHED ZIRCONIUM AND ZIRCONIUM ALLOY	COBALT - CHROMIUM ALLOY,	ASTM-B-351*
	NICKEL AND NICKEL	AECROTHB304
	NICKEL AND NICKEL	AECROTHB295
	ELECTRODES AND RODS - WELDING,	AECROTHM336
	NICKEL AND NICKEL BASE ALLOY	AECROTHB304
ALLOY WIRE, CORROSION AND HEAT RESISTANT NICKEL	BASE, ANNEALED	AECROTHM373
REFREEE METHODS FOR THE CHEMICAL ANALYSIS OF PLUTONIUM	BASES FOR G-M COUNTER TUBES	ASA N3A *
REFREEE METHODS FOR THE CHEMICAL ANALYSIS OF THORIUM	BEARING FUELS	ASA N5-1N
ROCEDURE FOR SITE EVALUATION CONSIDERING ABNORMAL REACTOR	BEARING FUELS	ASA N5-1C
AND INDUSTRIAL WASTE WATER	BEHAVIOR	P ANS-2A
	MEASUREMENT OF	ASTM-D1890*
SAFE DESIGN AND USE OF INDUSTRIAL	BETA PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER	NBS-66 *
SAFE DESIGN AND USE OF INDUSTRIAL	BETA-RAY SOURCES	USASI-N438*
INDUSTRIAL	BETA-RAY SOURCES	ASA 254-8A*
ON ELECTRON VOLTS	BETA-RAY SOURCES, SAFE DESIGN AND USE	NBS-55 *
ION ELECTRON VOLTS	BETATRON - SYNCHROTRON RADIATIONS UP TO 100 MILLI	NCRP-5A *
	BETATRON - SYNCHROTRON RADIATIONS UP TO 100 MILL	BIBLIO-33
	RADIONUCLIDE STANDARDIZATION, A	ASCE-2A
	REACTOR CONTAINMENT (A	BIBLIO-1
NS	SELECTED	ASA N2-6A
ADMINISTRATIVE PRACTICES IN RADIATION MONITORING,	BIBLIOGRAPHY OF RADIATION PROTECTION ORGANIZATIO	BIBLIO-16
CHEMICAL METHODS FOR ROUTINE	BIC-ASSAY SERVICES, AND PERSONNEL DOSIMETRY	BIBLIO-8
D WITH THE TRANSPORTATION OF RADIOACTIVE SUBST/ PHYSICAL,	BICASSAY	NAS-G3 *
D WITH THE TRANSPORTATION OF RADIOACTIVE SUBST/ PHYSICAL,	BICLOGICAL AND ADMINISTRATIVE PROBLEMS ASSOCIATE	FRC 8
INES ON RADIATION PROTECTION FOR/ ADEQUACY OF TECHNICAL,	BICLOGICAL AND ECONOMIC FACTORS IN CURRENT GUIDE	NBS-72 *
MEASUREMENT OF NEUTRON FLUX AND SPECTRA FOR PHYSICAL AND	BICLOGICAL APPLICATIONS	NCRP-19 *
MEASUREMENT OF NEUTRON FLUX AND SPECTRA FOR PHYSICAL AND	BICLOGICAL APPLICATIONS	NAS-A *
	THE	ANS-6D
NGEROUS ARTICLES OR SUBSTANCES AND COMBUSTIBLE LIQUIDS CA	BICLOGICAL SHIELDING IN NUCLEAR REACTOR PLANTS	CG46CF146 *
	BOARD VESSELS / STORAGE OF EXPLOSIVES OR OTHER DA	AECICCFR7 *
	ADVISORY	NBS-65 *
	SAFE HANDLING OF	NCRP-13 *
	SAFE HANDLING OF	ANS-7E
	VALVES AND PUMP	NBS-52 *
/AXIMUM PERMISSIBLE AMOUNTS OF RADIOISOTOPES IN THE HUMAN	BODY AND MAXIMUM PERMISSIBLE CONCENTRATIONS IN /	NBS-69 *
ONS OF RADIONUCLIDES IN AIR AND IN W/ MAXIMUM PERMISSIBLE	BODY BURCENS AND MAXIMUM PERMISSIBLE CONCENTRATI	

ON OF RADIONUCLIDES IN AIR AND IN WA/ MAXIMUM PERMISSIBLE HIGH TENSILE STRENGTH CARBON SILICON STEEL PLATES FOR CLEAR VESSELS
 CATION FOR SEAMLESS FERRITIC AND AUSTENITIC ALLOY - STEEL ER TUBES
 SPECIFICATION FOR WELDED AUSTENITIC STEEL MANGANESE - MOLYBDENUM - NICKEL STEEL PLATE FOR NLESS AND HEAT RESISTANT STEEL BARS AND SHAPES FOR USE IN R HIGH TENSILE STRENGTH CARBON - SILICON STEEL PLATES FOR /ATES OF INTERMEDIATE TENSILE STRENGTH FOR FISSION WELDED / FOR DESIGN PRESSURE AND PRESSURE DECAY REQUIREMENTS FOR ALLOY STEEL
 SPECIFICATION FOR ALLOY STEEL VICE SPECIFICATION FOR CARBON AND ALLOY STEEL NUTS FOR TRON ABSORBERS IN SOLUTIONS OF FISSION MATERIALS USE OF TRON ABSORBER IN SOLUTIONS OF FISSION MATERIAL USE OF USE OF STAINLESS STEEL CONTAINING
 SPECIFIC LICENSES OF ARRANGEMENT AND PROVISIONS FOR CERTAIN DANGEROUS CARGOS IN RADIONUCLIDES IN AIR AND IN WA/ MAXIMUM PERMISSIBLE BODY F RADIONUCLIDES IN AIR AND IN WA/ MAXIMUM PERMISSIBLE BODY RULES OF GENERAL APPLICABILITY TO LICENSING OF SPECIFIC LICENSES OF BROAD SCPE FOR HUMAN USES OF EXPORT AND IMPORT OF R IMPORT EXEMPTED AND GENERALLY LICENSED ITEMS CONTAINING NED IN CERTAIN GENERAL LICENSES FOR CERTAIN QUANTITIES OF LICENSES FOR CERTAIN QUANTITIES OF BYPRODUCT MATERIAL AND BODY BURDENS AND MAXIMUM PERMISSIBLE CONCENTRATION BOILER AND OTHER PRESSURE VESSELS BOILER AND PRESSURE VESSEL ACTIVITIES BOILER AND PRESSURE VESSEL CODE, SECTION III, NU BOILER, SUPERHEATER, AND HEAT EXCHANGER TUBES /I BOILER, SUPERHEATER, HEAT EXCHANGER, AND CONDENS BOILERS AND OTHER PRESSURE VESSELS BOILERS AND OTHER PRESSURE VESSELS STAI BOILERS AND OTHER PRESSURE VESSELS /IFICATION FO BOILERS AND OTHER PRESSURE VESSELS FOR INTERMED BOILING WATER AND PRESSURIZED WATER NUCLEAR POW/ BOLTING MATERIALS FOR HIGH TEMPERATURE SERVICE BOLTING MATERIALS FOR HIGH TEMPERATURE SERVICE BOLTS FOR HIGH PRESSURE AND HIGH TEMPERATURE SER BORO SILICATE - GLASS RASCHIG RINGS AS FIXED NEU BORO SILICATE GLASS RASCHIG RINGS AS A FIXED NEU BORON IN PROCESSES INVOLVING FISSION MATERIAL BRAZING FILLER METAL BRACD SCPE FOR BYPRODUCT MATERIAL BULK SPECIAL CONSTRUCTION A BURDENS AND MAXIMUM PERMISSIBLE CONCENTRATION OF BURDENS AND MAXIMUM PERMISSIBLE CONCENTRATIONS O BYPRODUCT MATERIAL AECICCFR30* BYPRODUCT MATERIAL AECICCFR33* BYPRODUCT MATERIAL AECICCFR35* BYPRODUCT MATERIAL AECICCFR36* BYPRODUCT MATERIAL /O MANUFACTURE, DISTRIBUTE, O BYPRODUCT MATERIAL AND BYPRODUCT MATERIAL CONTAI AECICCFR31* BYPRODUCT MATERIAL CONTAINED IN CERTAIN ITEMS / AECICCFR31*

C

IREMENTS FOR THE SEGREGATION OF INSTRUMENTATION AND POWER PROBLEMS
 RECOMMENDED PRACTICE FOR STANDARD
 TESTING OF CONTAINMENT NUCLEAR GRADE URANIUM CARBIDE
 HER PRESSURE VES/ SPECIFICATION FOR HIGH TENSILE STRENGTH SELS QUENCHED AND TEMPERED VACUUM - TREATED PRESSURE AND HIGH TEMPERATURE SERVICE SPECIFICATION FOR METHOD FOR CHEMICAL ANALYSIS OF CARBON AND GRAPHITE CARBON AND GRAPHITE ARTICLES BY PHYSICAL MEASURE CARBON CHROMIUM STEEL (403) CARBON SILICON STEEL PLATES FOR BOILER AND OTHER CARBON STEEL CASTINGS, CARBON STEEL FITTINGS, CARBON STEEL CARBON STEEL CARBON STEEL AND LOW ALLOY STEEL AS FABRICATED I CARBON STEEL FORGINGS FOR HIGH TEMPERATURE SERVI CARBON STEEL PIPE FOR HIGH TEMPERATURE SERVICE CARBON STEEL PIPE FOR HIGH TEMPERATURE SERVICE CARBON STEEL PLATES OF INTERMEDIATE TENSILE STRE CARBON STEEL PLATES OF INTERMEDIATE TENSILE STRE CARBON, CHROMIUM STEEL (TYPE 403) PRESSURE VES CARBON-14 WASTES CARBON-14 WASTES CARGOS IN BULK SPECIAL CONS CG46CFR98 * CARRIERS BY PUBLIC HIGHWAY REGULATIONS APPLY CARRIERS BY RAIL FREIGHT ICC49CFR77* CARRIERS IN BAGGAGE SERVICE ICC49CFR76* CASKS TO VEHICLES ASA NS-5E CAST AUSTENITIC COLD WROUGHT PIPE FOR HIGH TEMPE ASTP-A-452* CAST AUSTENITIC STEEL PIPE FOR HIGH TEMPERATURE ASTP-A-451* CASTINGS AECRODTM322 CASTINGS ASTP-B-419* CASTINGS FOR HIGH TEMPERATURE AND CORROSIVE SERV AECRODTM351 CASTINGS FOR HIGH TEMPERATURE SERVICE ASTP-A-351* CASTINGS, CARBON STEEL AECRODTM216 CATALOG BIBLIO-23 CATALOGUE OF AMERICAN STANDARDS - INDEX AND RECO BIBLIO-3 CATEGORIES ASA NS-2A CAVITY CHAMBERS NB5-79 * CAVITY CHAMBERS NCRP-21 * CELL DESIGN AND CONSTRUCTION ANS-110 CELLS ASCE-1 CENT FISSION IN URANIUM FUEL (MASS SPECTROGRAPH ASTP-E-244* CENT FISSION IN URANIUM FUEL (RADIOCHEMICAL MET ASTP-E-219* CENTER RADIOLOGICAL SAFETY HANDBOOK BIBLIO-17 CENTRAL STATION SERVICE SPECIFICATION ASTP-A-376* CENTRIFUGAL PUMP, HERMETICALLY SEALED, ELECTRIC AECRODTM1 CENTRIFUGAL PUMPS ASPE-1D CENTRIFUGALLY CAST AUSTENITIC COLD WROUGHT PIPE ASTP-A-452* CENTRIFUGALLY CAST AUSTENITIC STEEL PIPE FOR HIGH ASTP-A-451* CERTIFICATION CG46CFR31 * CERTIFICATION FOR UNSEALED SOURCES ASA NS-4F CERTIFICATION PROCEDURES IN THE PROCESSING OF FI ASA NS-4B

PROTECTION AGAINST RADIATIONS FROM RADIUM, COBALT-60 AND CESIUM-137	CESIUM-137	NBS-54 *
N BY INTERNALLY DEPOSITED STRONTIUM-89, STRONTIUM-90, AND CESIUM-137	CESIUM-137 IMPLICATIONS TO MAN OF IRRADIATION	NAS-H-A *
N GUIDES FOR ENVIRONMENTAL STRONTIUM-89, STRONTIUM-90 AND CESIUM-137 CONTAMINATION	CESIUM-137 CONTAMINATION PROTECTIVE ACTION	FRC 7 *
E METHOD) METHOD FOR RADIOCHEMICAL DETERMINATION OF CESIUM-137 IN AQUEOUS SOLUTIONS (CHLOROPLATINATE)	CESIUM-137 IN AQUEOUS SOLUTIONS (CHLOROPLATINATE)	ASTM-E-198 *
	DESIGN OF FREE AIR IONIZATION CHAMBERS	ASTM-E-218 *
	STOPPING POWERS FOR USE WITH CAVITY CHAMBERS	NBS-64 *
	STOPPING POWERS FOR USE WITH CAVITY CHAMBERS	NBS-79 *
IBER ELECTROMETER TYPE DOSIMETERS AND COMPANION DOSIMETER	CHARGES /CARD ON INTERRELATIONSHIP OF QUARTZ F	NCRP-21 *
IBER ELECTROMETER TYPE DOSIMETERS AND COMPANION DOSIMETER	CHARGES /CARD ON INTERRELATIONSHIP OF QUARTZ - F	ASA N38 *
	CHECK VALVE, HORIZONTAL SWING	USASI-N428
	METHOD FOR CHEMICAL ANALYSIS OF CARBON AND GRAPHITE	AECRDTE10
	REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF NUCLEAR FUELS	ASTM-C-560 *
	REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF NUCLEAR FUELS	ASA N5-1F *
	REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF PLUTONIUM BEARING FUELS	USASI-N110 *
MBIUM	METHODS FOR CHEMICAL ANALYSIS OF REACTOR AND COMMERCIAL COU	ASA N5-IN *
	REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF THORIUM BEARING FUELS	ASTM-E-195 *
	CHEMICAL METHODS FOR ROUTINE BIOASSAY	ASA N5-10
F ISOTOPES	CHEMICAL PROCESSING IN THE CHEMICAL SEPARATION O	BIBLIO-16
OL MEASUREMENT OF SOURCE AND SPECIAL NUCLEAR MATERIALS IN	CHEMICAL PROCESSING PLANTS /LEAR MATERIALS CONTR	ASA N5-38
ED TO HI/ RECOMMENDED PRACTICE FOR DETERMINING CHANGES IN	CHEMICAL REACTIVITY OF INORGANIC MATERIALS EXPOS	ASA N5-3E
	CHEMICAL SEPARATION OF ISOTOPES	ASTM-E-183 *
	CHILD LABOR REGULATIONS SECTION 4.57	ASA N5-38
EMICAL DETERMINATION OF CESIUM-137 IN AQUEOUS SOLUTIONS (	CHLOROPLATINATE METHOD) METHOD FOR RADIOCH	DL29CFR4
SPRINGS - HELICAL, AGE HARDENABLE NICKEL -	CHROME - IRON ALLOY	ASTM-E-218 *
	NICKEL - CHROME - IRON ALLOY PLATE SHEET AND STRIP	AECRDTHM335
	CCBALT - CHROME TUNGSTEN ALLOY CASTINGS	AECRDTHM168
TUBES	SEAMLESS ANNEALED NICKEL - CHROMIUM - IRON ALLOY CONDENSER - HEAT EXCHANGER	AECRDTHM322
	SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLOY PLATE, SHEET, AND STRIP	AECRDTHM163
	NICKEL - CHROMIUM - IRON ALLOY ROD AND BAR	ASTM-B-168 *
	SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLOY ROD AND BAR	AECRDTHM166
	MATERIAL AND FABRICATION REQUIREMENTS FOR NICKEL - CHROMIUM - IRON ALLOY SEAL MEMBRANES	ASTM-B-166 *
	SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLOY SEAMLESS PIPE AND TUBE	AECRDTS923
APES	NICKEL - CHROMIUM - IRON ALLOY, AGE HARDENABLE WROUGHT SH	ASTM-B-167 *
ERAT/ SPECIFICATION FOR ELECTRIC FUSION WELDED AUSTENITIC	CHROMIUM - NICKEL ALLOY STEEL PIPE FOR HIGH TEMP	AECRDTHM461
SION - RESISTANT PRECIPITATION HARDENING	CHROMIUM - NICKEL STEEL BARS AND FORGINGS, CORRO	ASTM-A-358 *
ES	CORROSION - RESISTANT CHROMIUM AND CHROMIUM - NICKEL STEEL COVERED WELDING ELECTROD	AECRDTHM325
FOR F/ SPECIFICATION FOR CORROSION RESISTING CHROMIUM AND	CHROMIUM - NICKEL STEEL PLATE, SHEET, AND STRIP	AECRDTHM298
ECTRODES	MILD STEEL AND CORROSION - RESISTING CHROMIUM - NICKEL STEEL WELDING RODS AND BARE EL	ASTM-A-240 *
	WROUGHT CCBALT - CHROMIUM - TUNGSTEN NICKEL ALLOY ROUNDS	AECRDTHM371
	CCBALT - CHROMIUM ALLOY, BARS AND SHAPES	AECRDTHM323
DING ELECTRODES	CORROSION - RESISTANT CHROMIUM AND CHROMIUM - NICKEL STEEL COVERED WEL	AECRDTHM341
T, AND STRIP FOR F/ SPECIFICATION FOR CORROSION RESISTING	CHROMIUM AND CHROMIUM - NICKEL STEEL PLATE, SHEE	AECRDTHM298
GINGS	LOW CARBON, CHROMIUM STEEL (TYPE 403) PRESSURE VESSELS FOR	ASTM-A-240 *
	LOW CARBON CHROMIUM STEEL (403)	AECRDTHM473
	SPECIAL CIVIL AIR REGULATIONS	AECRDTHM276
STANDARD FOR STEEL DRUMS WITH VARIABLE INNER LINERS FOR	CLASS-I SHIPMENTS	FAA SR132 *
STANDARD FOR NUCLEAR REACTOR	CLASSIFICATION	INMM-D
NUCLEAR REACTOR	CLASSIFICATION	ANS-1A *
SCRAP	CLASSIFICATION GUIDE	ANS-9B
S EXPOSED TO NEUTRON AND GAMMA RADIATION	CLASSIFICATION OF ELECTRICAL INSULATING MATERIAL	INMM-C
	CLASSIFICATION OF NUCLEAR SHIPS	IEEE-2C *
TIVITIES	CLASSIFICATION OF RADIATION ZONES FOR NUCLEAR AC	ABS *
SED TO NEUTRON AND GAMMA RADIATION	CLASSIFYING ELECTRICAL INSULATING MATERIALS EXPO	ANS-7V
DRAWINGS, AND CHANGES	STANDARD CONTRACT CLAUSES FOR WARRANTIES AND ACCEPTANCE PROPERTY, CLEANING REQUIREMENTS	ASA N4-4A *
	GUIDE FOR SPECIFYING CLEANLINESS OF NUCLEAR REACTOR SYSTEM COMPONENTS	AIF-N
	CLINICAL COSIMETRY	AECRDTS913
DISPOSAL OF LOW LEVEL RADIOACTIVE WASTE INTO PACIFIC	COASTAL WATERS	ANS-7M
GUIDE FOR PROTECTIVE	COATINGS FOR NUCLEAR INDUSTRY	NBS-07 *
	WROUGHT COBALT - CHROME TUNGSTEN ALLOY CASTINGS	NAS-E3 *
	COBALT - CHROMIUM - TUNGSTEN NICKEL ALLOY ROUNDS	ASA N5-3F
	COBALT - CHROMIUM ALLOY, BARS AND SHAPES	AECRDTHM322
	COBALT IN INDUSTRIAL WATER AND INDUSTRIAL WASTE	AECRDTHM323
WATER	COBALT-60 AND CESIUM-137	AECRDTHM341
PROTECTION AGAINST RADIATIONS FROM RADIUM,	COLD FINISHED ZIRCONIUM AND ZIRCONIUM ALLOY BARS	ASTM-D2185 *
, ROD, AND WIRE FOR NUC/ SPECIFICATION FOR HOT ROLLED AND	COLD SCRAP	NBS-54 *
	COLD WROUGHT PIPE FOR HIGH TEMPERATURE SERVICE	ASTM-B-351 *
SPECIFICATION FOR CENTRIFUGALLY CAST AUSTENITIC	COLOR CODE FOR SS MATERIAL	INMP-E-B
	METHOD FOR COLORIMETRIC DETERMINATION OF URANIUM IN AQUEOUS	ASTM-A-452 *
SOLUTIONS	COLORIMETRIC DETERMINATION OF URANIUM IN AQUEOUS	INMM-A
SOLUTIONS	COLUMBIUM	ASTM-E-245 *
METHODS FOR CHEMICAL ANALYSIS OF REACTOR AND COMMERCIAL	COLUMBIUM ALLOY BAR, ROD, AND WIRE	ASTM-E-318 *
SPECIFICATION FOR COLUMBIUM AND	COLUMBIUM ALLOY INGOTS	ASTM-E-195 *
SPECIFICATION FOR COLUMBIUM AND	COLUMBIUM ALLOY SEAMLESS AND WELDED TUBES	ASTM-B-392 *
SPECIFICATION FOR COLUMBIUM AND	COLUMBIUM ALLOY STRIP, SHEET, FOIL AND PLATE	ASTM-B-391 *
SPECIFICATION FOR COLUMBIUM AND	COLUMBIUM AND COLUMBIUM ALLOY BAR, ROD, AND WIRE	ASTM-B-394 *
SPECIFICATION FOR COLUMBIUM AND	COLUMBIUM AND COLUMBIUM ALLOY INGOTS	ASTM-B-393 *
SPECIFICATION FOR COLUMBIUM AND	COLUMBIUM AND COLUMBIUM ALLOY SEAMLESS AND WELDE	ASTM-B-392 *
SPECIFICATION FOR COLUMBIUM AND	COLUMBIUM AND COLUMBIUM ALLOY STRIP, SHEET, FOIL	ASTM-B-391 *
SPECIFICATION FOR PRIMARY	COLUMBIUM METAL	ASTM-B-394 *
EXPLOSIVES OR OTHER DANGEROUS ARTICLES OR SUBSTANCES AND	COMBUSTIBLE LIQUIDS ON BOARD VESSELS /STORAGE OF	ASTM-B-393 *
METHODS FOR CHEMICAL ANALYSIS OF REACTOR AND	COMMERCIAL COLUMBIUM	ASTM-B-383 *
S, 1959	REPORT OF THE INTERNATIONAL COMMISSION ON RADIOLOGICAL UNITS AND MEASUREMENT	CG46CF146 *
	NONDISCRIMINATION IN FEDERALLY ASSISTED	ASTM-E-195 *
	TRESPASSING ON COMMISSION PROGRAMS	NBS-78 *
REPORT OF ACTIVITIES OF AMERICAN NUCLEAR SOCIETY STANDARDS	COMMITTEE FOR THE PERIOD NOV.1966-APR.1967	AECICCFR4 *
ARTICLES	COMMODITY LIST OF EXPLOSIVES AND OTHER DANGEROUS	AECICCF160 *
HWAY	REGULATIONS APPLYING TO SHIPMENTS MADE BY WAY OF	BIBLIO-20
	SPECIFICATION FOR NUCLEAR GRADE URANIUM DI OXIDE	ICC49CFR72 *
	NUCLEAR GRADE THORIUM DI OXIDE	ICC49CFR77 *
	SPECIFICATION FOR NUCLEAR GRADE URANIUM DI OXIDE,	ASA N5-1C *
TIONSHIP OF QUARTZ FIBER ELECTROMETER TYPE DOSIMETERS AND	COMPACTABLE	ASA N5-1H
	COMPACTIBLE	USASI-N11C *
	COMPANION DOSIMETER CHARGES /NDARD ON INTERRELA	ASA N38 *

ONSHIP OF QUARTZ - FIBER ELECTROMETER TYPE DOSIMETERS AND WORKMANSHIP	COMPANION DOSIMETER CHARGES /DARD ON INTERRELATIONSHIP	USAS1-N42B
FOR THE DETERMINATION OF REASONABLE ROYALTY FEE, JUST COMPENSATION	COMPENSATION OR THE GRANT OF AN AWARD FOR PATENT/	AIF-R
R STANDARDS (EXCLUDING U.S. STANDARDS)	COMPILATION OF AMERICAN NUCLEAR STANDARDS	AEC11CFR80*
R STANDARDS (EXCLUDING U.S. ACTIVITIES)	COMPILATION OF NATIONAL AND INTERNATIONAL NUCLEAR STANDARDS	ASA N6-9A *
QUALITY CONTROL OF NUCLEAR SYSTEM COMPONENTS	COMPILATION OF NATIONAL AND INTERNATIONAL NUCLEAR STANDARDS	ASA N6-9B *
1966	COMPONENTS	BIBLIO-12
GUIDE FOR SPECIFYING CLEANLINESS OF NUCLEAR REACTOR SYSTEM COMPONENTS	COMPONENTS AND PIPING	ANS-7M
HEAT TREATED ALLOY STEEL FORGINGS FOR PRESSURE VESSEL COMPONENTS	COMPONENTS AND SYSTEMS - SPECIFIC INSTRUMENTATION/	G ANS-7M
REQUIREMENTS FOR IDENTIFICATION MARKING OF REACTOR PLANT COMPONENTS DURING OPERATION	COMPONENTS FOR SHIPMENT AND STORAGE	QUENC AECRODTMA541
WASTE DISPOSAL - PERFORMANCE CRITERIA FOR WASTE MANAGEMENT COMPOUNDS	COMPOUNDS	AECROTS916
MONITORING RELIABILITY OF REACTOR COMPOUNDS	COMPRESSION SET INDUCED IN VULCANIZING RUBBER DURING EXPOSURE TO HIGH ENERGY NUCLEAR / METHODS OF TESTING COMPUTER PROGRAMS	ASA N5-2K
REPAIR FOR SEALING, PACKAGING, PACKING AND MARKING OF REFEREE METHODS OF ANALYSIS FOR THORIUM	COMPOUNDS	ANS-7L
UM STANDARD FOR REFEREE METHODS OF ANALYSIS FOR PLUTONIUM	COMPOUNDS	P AECROTS910
RING EXPOSURE TO HIGH ENERGY NUCLEAR / METHODS OF TESTING COMPUTER PROGRAMS	COMPOUNDS	ASA N5-1M
A CODE OF GOOD PRACTICES FOR DOCUMENTATION OF DIGITAL COMPUTER PROGRAMS	CONCENTRATION AND ISOTOPIC ABUNDANCES	ASA N5-1L
RECOMMENDED PRACTICES FOR THE PROGRAMMING OF DIGITAL COMPUTER PROGRAMS	CONCENTRATION OF NUCLEAR FUEL FEED MATERIALS	ASTM-D2309*
METHOD FOR DETERMINATION OF URANIUM AND PLUTONIUM STANDARDIZATION IN THE MILLING AND	CONCENTRATION OF RADIONUCLIDES IN AIR AND IN WATER	ANS-1GA
MAXIMUM PERMISSIBLE BODY BURDENS AND MAXIMUM PERMISSIBLE RADIOISOTOPES IN THE HUMAN BODY AND MAXIMUM PERMISSIBLE CONCENTRATIONS IN AIR AND WATER /SIBLE AMOUNTS OF	CONCENTRATIONS OF RADIONUCLIDES IN AIR AND IN WATER	ANS-1GB
MAXIMUM PERMISSIBLE BODY BURDENS AND MAXIMUM PERMISSIBLE CONCENTRATIONS OF RADIONUCLIDES IN AIR AND IN WATER	CONCENTRATORS	ASTM-E-267*
RADIATION PROTECTION IN URANIUM MINES AND MILLS (CONCENTRATORS)	CONCENTRATORS	ASA N5-1T
ARC FOR RADIATION PROTECTION IN URANIUM MINES AND MILLS (CONCENTRATORS)	CONCENTRATORS	NCRP-2
ARC FOR RADIATION PROTECTION IN THORIUM MINES AND MILLS (CONCENTRATORS)	CONCRETE CONTAINMENT STRUCTURES FOR STATIONARY /	ANS-52
/STANDARD FOR THE DESIGN, FABRICATION, AND MAINTENANCE OF CONCRETE ENCLOSURES	CONCRETE FOR SHIELDING NUCLEAR RADIATION	NBS-5
TESTING OF CONTAINMENT CAPABILITIES OF REINFORCED CONCRETE	CONCRETE FOR USE IN REACTOR CONTAINMENT VESSELS	NBS-69
PRESTRESSED CONCRETE	CONCRETE REACTOR CONTAINER AND NUCLEAR STRUCTURE	USAS1-N13K*
CRITERIA FOR REINFORCED CONCRETE	CONCRETE REACTOR CONTAINER AND NUCLEAR STRUCTURE	ASA N7-1A *
CRITERIA FOR REINFORCED CONCRETE	CONDENSER - HEAT EXCHANGER TUBES	ASA N7-10
CODE FOR PRESTRESSED CONCRETE	CONDENSER AND HEAT EXCHANGER TUBES	ASCE-5
SEAMLESS ANNEALED NICKEL - CHROMIUM - IRON ALLOY CONDENSER TUBES	CONDENSER TUBES	ASCE-4A *
SPECIFICATION FOR SEAMLESS NICKEL AND NICKEL ALLOY CONDENSER TUBES	CONDENSER TUBES	ASCE-4C
AUSTENITIC STEEL BOILER, SUPERHEATER, HEAT EXCHANGER, AND CONDENSER TUBES	CONDUCTED THROUGH 1962	ASCE-2B
TION OF FALLOUT IN THE UNITED STATES FROM WEAPONS TESTING PRESSURIZER HEATER AND SIGNAL	CONNECTOR ASSEMBLY	ASA N6-2B
PROCEDURE FOR SITE EVALUATION	CONNECTORS FOR NUCLEAR INSTRUMENTS	ASME-1B
TENTATIVE REGULATORY SUPPLEMENTAL CRITERIA FOR ASME CODE	CONNECTORS FOR NUCLEAR INSTRUMENTS	AECRODTMB163
GUIDE FOR GOOD PRACTICES FOR HOT CELL DESIGN AND CONSTRUCTION	CONSIDERING ABNORMAL REACTOR BEHAVIOR	ASTM-B-163*
AIN DANGEROUS CARGOS IN BULK SPECIAL	CONSTRUCTED NUCLEAR PRESSURE VESSELS	ASTM-A-249*
AGE TANKS	CONSTRUCTION ARRANGEMENT AND PROVISIONS FOR CERTAIN	FRC 4 *
RECOMMENDED RULES FOR DESIGN AND CONSTRUCTION	CONSTRUCTION OF LARGE, WELDED, LOW PRESSURE STORAGE	AECROTE7
REGULATIONS GOVERNING THE DESIGN AND CONSTRUCTION OF NUCLEAR FACILITIES	CONSTRUCTION PERMITS	ASA N3C
GENERAL DESIGN CRITERIA FOR NUCLEAR POWER PLANT	CONSTRUCTION, AND OPERATION OF ATOMIC FACILITIES	USAS1-N42D
, EXCEPT REACTORS	CONTAINER AND NUCLEAR STRUCTURES	ANS-2A
CRITERIA FOR REINFORCED CONCRETE REACTOR	CONTAINER AND NUCLEAR STRUCTURES	AEC UKS-8
CRITERIA FOR REINFORCED CONCRETE REACTOR	CONTAINER SPECIFICATIONS	ANS-11D
SHIPPING CONTAINERS FOR IRRADIATED SOLID FUEL	CONTAINERS FOR IRRADIATED SOLID FUEL FROM NUCLEAR	CG46CFR98 *
SHIPPING CONTAINERS FOR IRRADIATED SOLID FUEL FROM NUCLEAR	CONTAINERS FOR IRRADIATED SOLID FUEL FROM NUCLEAR	API-620 *
SHIPPING CONTAINERS FOR RADIOACTIVE MATERIALS	CONTAINERS FOR RADIOACTIVE MATERIALS	ASCE-3
CONTAINERS FOR THE SHIPMENT OF RADIOACTIVE MATERIAL	CONTAINERS FOR THE SHIPMENT OF RADIOACTIVE MATERIAL	AEC DRS-A
CONTAINERS FOR URANIUM HEXA FLUORIDE	CONTAINMENT	ASA N101
VALVES AND PUMP BODIES TO INSURE CONTAINMENT	CONTAINMENT (A BIBLIOGRAPHY)	ACI
ENCLOSURES	TESTING OF CAPABILITIES OF REINFORCED CONCRETE	ASA N6-2B
LEAKAGE RATE TESTING OF CONTAINMENT STRUCTURES FOR NUCLEAR REACTORS	CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR P/	ICC49CFR78*
/RC FOR THE DESIGN, FABRICATION, AND MAINTENANCE OF STEEL CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR P/	CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR P/	ANS-7F
/FOR THE DESIGN, FABRICATION, AND MAINTENANCE OF CONCRETE CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR P/	CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR P/	ASA N5-5B *
/STANDARD FOR DESIGN, FABRICATION AND MAINTENANCE OF STEEL CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR P/	CONTAINMENT VESSELS	USAS1-N14B*
WEAP REACTORS	CONTAINMENT VESSELS	ASA N2-5B
DETERMINATION OF DIRECT RADIATION FIELD FROM CONTAINMENT VESSELS	CONTAINMENT VESSELS	AAR-BEFT19*
PRESTRESSED CONCRETE FOR USE IN REACTOR CONTAINMENT VESSELS	CONTAINMENT VESSELS	ANS-8F
R ROTATING WATER AND PRESSURIZED WATER NUCLEAR POWER PLANT CONTAINMENT VESSELS	CONTAINMENT VESSELS	ANS-7E
MECHANICAL PENETRATIONS FOR REACTOR CONTAINMENT VESSELS	CONTAINMENT VESSELS	ASCE-2A
AIR SAMPLING INSTRUMENTS FOR EVALUATION OF ATMOSPHERIC CONTAMINANTS	CONTAMINATION	ASCE-4A *
R ENVIRONMENTAL STRONTIUM-89, STRONTIUM-90 AND CESIUM-137 CONTAMINATION	CONTAMINATION IN LABORATORIES	ANS-7P
CONTROL AND REMOVAL OF RADIOACTIVE CONTAMINATION	CONTAMINATION IN LABORATORIES	ASA N6-2A *
CONTROL AND REMOVAL OF RADIOACTIVE CONTAMINATION	CONTAMINATION LEVELS OF INDUSTRIAL MATERIALS	ASCE-5
ES UNDER SECTION 274	EXEMPTIONS AND	USAS1-N18A*
PROPERTY, DRAWINGS, AND CHANGES	RULES OF PROCEDURE IN	IEEE-2A
SAFETY AND HEALTH STANDARDS FOR FEDERAL SUPPLY CONTRACT APPEALS	STANDARD CONTRACT CLAUSES FOR WARRANTIES AND ACCEPTANCE P	ANS-2C
REACTOR COOLANT RELIEF VALVE, PRESSURE ACTUATED PILOT CONTRACTS - RADIATION	CONTROL	ASCE-2B
STANDARD FOR SAFETY EVALUATION OF REACTOR STABILITY AND CONTROL	CONTROL	ANS-5A
URANIUM MINES AND MILLS - ATMOSPHERE CONTROL	CONTROL	ANS-7G
METHODS OF NUCLEAR MATERIAL CONTROL	CONTROL	ACGIH-A
ATER COOLED, ROD TYPE, OXIDE FUELED STATIONARY/ STABILITY, CONTROL AND PROTECTION SYSTEM REQUIREMENTS FOR	CONTROL AND PROTECTION SYSTEM REQUIREMENTS FOR	FRC 7 *
IN LABORATORIES	CONTROL AND REMOVAL OF RADIOACTIVE CONTAMINATION	NBS-48 *
IN LABORATORIES	CONTROL AND REMOVAL OF RADIOACTIVE CONTAMINATION	NCRP-8A *
LEMENTS	CONTROL ELEMENT SYSTEM	ASA 254-9A
STANDARD FOR CRITICALITY CONTROL FOR PLATE TYPE URANIUM - ALUMINUM FUEL E	CONTROL IN RADIOCHEMICAL PROCESSING	AEC11CFR50 *
R MATERIALS IN CHEMICAL PROCESS/ GUIDE FOR NUCLEAR MATERIALS CONTROL MEASUREMENT OF SOURCE AND SPECIAL NUCLEAR	CONTROL MEASUREMENT OF SOURCE AND SPECIAL NUCLEAR	AEC11CFR3 *
INDEX OF NUCLEAR INSTRUMENTATION AND CONTROL	CONTROL OF NUCLEAR SYSTEM COMPONENTS	AIF-N
METHOD FOR DETERMINATION OF URANIUM BY CONTROL STANDARDIZATION WORK	CONTROL SYSTEM REQUIREMENTS	DL41CFR50 *
	CONTROLLED POTENTIAL COULOMETRY	AECROTE13
		ASA N6-4A
		USAS1-N13H
		USAS1-N15
		ANS-4A
		NBS-48 *
		NCRP-8A *
		ANS-7S
		ANS-70 *
		ASA N5-3D
		ASA N5-3E
		ANS-7M
		ASA N3-1A
		AECROTS903
		ASTM-E-217*

NUCLEAR POWER FOR SALINE WATER CONVERSION		AIF-F
NTROL	CONVERTERS AND FABRICATORS	INMM-E-A
INSPECTION REQUIREMENTS FOR MATERIALS USED IN REACTOR	COCLANT RELIEF VALVE, PRESSURE ACTUATED PILOT CO	AECROTE13
METHODS OF INSPECTION FOR WELDS FOR WATER	COCLANT SYSTEM WEAR APPLICATIONS	AECROTS942
ITY, CONTROL AND PROTECTION SYSTEM REQUIREMENTS FOR WATER	COCLEC NUCLEAR POWER PLANTS	AECROTS934
COPPER AND	COCLEC, RCC TYPE, OXIDE FUELED STATIONARY POWER/	ANS-4A
COPPER AND	COPPER ALLOY ARC WELDING ELECTRODES	AECROTHB225
	COPPER ALLOY WELDING RODS	AECROTHB259
	COPPER AND COPPER ALLOY ARC WELDING ELECTRODES	AECROTHB225
	COPPER AND COPPER ALLOY WELDING RODS	AECROTHB259
AND TEMPERATURE INCREASE RATES IN URANIUM DIOXIDE FUELED	CORES	ANS-5F
CKEL STEEL COVERED WELDING ELECTRODES	POSTSHUTDOWN HEAT GENERATION	AECROTHA298
CHROMIUM - NICKEL STEEL BARS AND FORGINGS,	CORROSION - RESISTANT CHROMIUM AND CHROMIUM - NI	AECROTHM325
LDING RODS AND BARE ELECTRODES	CORROSION - RESISTANT PRECIPITATION HARDENING	AECROTHM371
ED	CORROSION - RESISTANT CHROMIUM - NICKEL STEEL WE	AECROTHM373
RVICE	CORROSION AND HEAT RESISTANT NICKEL BASE, ANNEAL	ASTM-E-235*
EL STEEL PLATE, SHEET, AND STRIP FOR F/ SPECIFICATION FOR	CORROSION RESISTANT THERMOCOUPLES FOR NUCLEAR SE	ASTM-A-240*
TENITIC STAINLESS STEEL CASTINGS FOR HIGH TEMPERATURE AND	CORROSION RESISTING CHROMIUM AND CHROMIUM - NICK	AUS AECROTHA351
	CORROSIVE SERVICE	AIF-0
	COST PRINCIPLES	ME ASTM-E-217*
THOD FOR DETERMINATION OF URANIUM BY CONTROLLED POTENTIAL	COULOMETRY	IEEE-3B *
DEFINITION FOR THE SCINTILLATION	COUNTER FIELD	USASI-N42C
DEFINITIONS FOR THE SCINTILLATION	COUNTER FIELD	ASA N3A *
AMERICAN STANDARD FOR BASES FOR G-M	COUNTER TUBES	ASA N3D *
METHODS OF TESTING G-M	COUNTER TUBES	ASA N3G
STANDARDS FOR GAS FILLED PROPORTIONAL	COUNTER TUBES	IEEE-3A *
STANDARDS ON GAS FILLED RADIATION	COUNTER TUBES	USASI-N42A*
AMERICAN STANDARD FOR GM	COUNTER TUBES	USASI-N42H
TEST PROCEDURES - GM	COUNTER TUBES	USASI-N42I
TEST PROCEDURES - PROPORTIONAL	COUNTER TUBES	ANS-5H
ISOTOPES WITHIN THE BARRIER (THE PRESSURE VESSEL OR ITS	COUNTERPART)	IEEE-3E
TEST PROCEDURE FOR GM	COUNTERS	AECROTHB295
NICKEL AND NICKEL BASE ALLOY,	COVERED WELDING ELECTRODES	C AECROTHA316
ORROSION - RESISTANT CHROMIUM AND CHROMIUM - NICKEL STEEL	COVERED WELDING ELECTRODES	IEEE-1B
LOW ALLOY STEEL,	COVERED, ARC WELDING ELECTRODES	ANS-1B
GUIDE TO THE APPLICATION OF THE SINGLE FAILURE	CRITERION TO REACTOR PROTECTIVE SYSTEMS	ANS-8G
CODE OF GOOD PRACTICES FOR THE PERFORMANCE OF	CRITICAL EXPERIMENTS	ASA N7-5A
DURES	CRITICALITY ACCIDENT ALARMS AND SUBSEQUENT PROCE	USASI-N13B
	CRITICALITY ACCIDENT DOSIMETRY	USASI-N16C
	CRITICALITY ALARM SYSTEM	ASA N5-3D
	CRITICALITY CONTROL IN RADIOCHEMICAL PROCESSING	AECICFR71*
/ REGULATIONS TO PROTECT AGAINST ACCIDENTAL CONDITIONS OF	CRITICALITY IN THE SHIPMENT OF SPECIAL NUCLEAR M	ANS-EB
CALCULATIONAL METHODS APPLICABLE TO	CRITICALITY PROBLEMS	USASI-N16A
FISSIONABLE MATERIALS OUTSIDE REACTORS	CRITICALITY SAFETY STANDARD FOR OPERATIONS WITH	ASA N5-1S
	CRSS SECTION MATERIALS FOR NUCLEAR POISONING	IEEE-2B
TEST PROCEDURES - LINEAR DC	CURRENT AMPLIFIERS	FRC 8
/DEQUACY OF TECHNICAL, BIOLOGICAL AND ECONOMIC FACTORS IN	CURRENT GUIDELINES ON RADIATION PROTECTION FOR /	ASA N5-2B *
WASTES FROM OPERATION OF URANIUM MILLS AND MINES	CURRENT PRACTICES IN THE DISPOSAL OF RADIOACTIVE	ASA N5-2C *
WASTE GASES FROM NUCLEAR REACTORS	CURRENT PRACTICES IN THE DISPOSAL OF RADIOACTIVE	ASA N5-2D *
SOLID RADIOACTIVE WASTES FROM THE OPERATION OF NUCLEAR /	CURRENT PRACTICES IN THE HANDLING AND STORAGE OF	AWS 249.1 *
SAFETY IN WELDING AND	CUTTING	

D

TRANSPORTATION OF EXPLOSIVES AND OTHER	DAANGEROUS ARTICLES	FAA14CFR49*
COMMODITY LIST OF EXPLOSIVES AND OTHER	DAANGEROUS ARTICLES	ICCG9CFR72*
LIQUID/ TRANSPORTATION OR STORAGE OF EXPLOSIVES OR OTHER	DAANGEROUS ARTICLES AND MAGNETIZED MATERIALS	FAA14CFR103*
ECIAL CONSTRUCTION ARRANGEMENT AND PROVISIONS FOR CERTAIN	DAANGEROUS ARTICLES OR SUBSTANCES AND COMBUSTIBLE	CG46CFR146 *
TEST PROCEDURES - LINEAR	DAANGEROUS CARGOS IN BULK	SP CG46CFR98 *
IZED / PROPOSED STANDARD FOR DESIGN PRESSURE AND PRESSURE	DC CURRENT AMPLIFIERS	IEEE-2B
RADIOACTIVE	DECAY REQUIREMENTS FOR BOILING WATER AND PRESSUR	ANS-5A
	DECONTAMINATION	AECROTS917
	DECONTAMINATION OF OTHER SURFACES	ASA N7-7C
	DECONTAMINATION OF UNBROKEN SKIN SURFACES	ASA N7-7B
	DECONTAMINATION TECHNIQUES	USASI-N13A
DEPARTMENT OF	DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS I	BIBLIO-29
DETERMINING ELIGIBILITY FOR ACCESS TO RESTRICTED DATA CR	DEFENSE INFORMATION CRITERIA AND PROCEDURES FOR	AECICFR10*
	DEFINITION FOR THE SCINTILLATION COUNTER FIELD	IEEE-3B *
	DEFINITION OF RADIOACTIVE WASTE CATEGORIES	ASA N5-2A
	DEFINITION OF TERMS RELATING TO DOSIMETRY	ASTM-E-170*
	DEFINITIONS FOR THE SCINTILLATION COUNTER FIELD	USASI-N42C
STATEMENT OF ORGANIZATION,	DELEGATIONS, AND GENERAL INFORMATION	AECICFR1 *
TE ARTICLES BY PHYSICAL MEASUREMENTS METHOD OF TEST FOR	DENSITY IN AIR OF MANUFACTURED CARBON AND GRAPHI	ASTM-C-559*
REFEREE METHODS FOR DETERMINING THE	DENSITY OF SOLID FUEL MATERIALS	ASA N5-1P
X-RAY PROTECTION IN	DENTAL OFFICES	NCRP-16
D STANDARDS I.	DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AN	BIBLIO-29
-137	DEPOSITED STRONTIUM-89, STRONTIUM-90, AND CESIUM	NAS-H-A *
IMPLICATIONS TO MAN OF IRRADIATION BY INTERNALLY	DETECTORS	ASA N3E
METHODS OF TESTING SEMICONDUCTOR	DETECTORS	ASA N3F
METHODS OF TESTING ELECTRONICS FOR SEMICONDUCTOR	DETECTORS	IEEE-3C
STANDARD TEST PROCEDURES, SEMICONDUCTOR RADIATION	DETECTORS	USASI-N42E
TEST PROCEDURES - SEMICONDUCTOR RADIATION	DETECTORS	USASI-N42F
TEST PROCEDURES - ELECTRONICS FOR SEMICONDUCTOR RADIATION	DETECTORS	IEEE-3D
TEST PROCEDURES, ELECTRONICS FOR SEMICONDUCTOR RADIATION	DETECTORS	ASA N4-3C
	DETECTORS FOR NUCLEAR AND PROCESS APPLICATIONS-	AECROTS935
	LOCKING	ANS-11B
	DEVICES	ANS-7C
FUEL ELEMENT HANDLING AND RETRIEVING	DEVICES	ANS-11A
FUEL ELEMENT HANDLING AND RETRIEVING	DEVICES, AND SERVICE PENETRATIONS	AIF-0
SHIELDING WALL PENETRATIONS FOR MANIPULATORS, VIEWING	DIFFERENCES IN THE RECOVERY OF IRRADIATED REA/	
URES FOR FUEL PROCESSORS TO MINIMIZE SHIPPER VS RECEIVER		

ION PROTECTION FOR/ ADEQUACY OF TECHNICAL, BIOLOGICAL AND ECONOMIC FACTORS IN CURRENT GUIDELINES ON RADIATION PROTECTION IN EDUCATIONAL INSTITUTIONS	ANS-7T FRC E BIBLIO-24
KEL ALLOY STEEL PIPE FOR HIGH TEMPERATURE SERVICE	ASTM-A-358* ASTM-A-155* AECU01E1
RATURE SERVICE CENTRIFUGAL PUMP, HERMETICALLY SEALED, ELECTRIC MOTOR DRIVEN	IEEE-1C
CTOR PROTECTION AND ENGINEERED / QUALIFICATION TESTING OF ELECTRICAL INSTRUMENTATION AND EQUIPMENT FOR REACTION ON AND GAMMA RADIATION	ASA N4-4* IEEE-2C
ON AND GAMMA RADIATION CLASSIFICATION OF ELECTRICAL INSULATING MATERIALS EXPOSED TO NEUTR	IEEE-2A
STRUCTURES FOR STATIONARY NUCLEAR POWER REACTORS	IEEE-1E
S AUXILIARY ELECTRICAL POWER SYSTEMS FOR NUCLEAR POWER PLANT	ASA N4-2A
MILD STEEL, ARC WELDING ELECTRODES	AECRODTMA233
LOW ALLOY STEEL, COVERED, ARC WELDING ELECTRODES	AECRODTMA316
SURFACE WELDING RODS AND ELECTRODES	AECRODTMA399
COPPER AND COPPER ALLOY ARC WELDING ELECTRODES	AECRODTMB225
NICKEL AND NICKEL BASE ALLOY, COVERED WELDING ELECTRODES	AECRODTMB295
TANT CHROMIUM AND CHROMIUM - NICKEL STEEL COVERED WELDING ELECTRODES	AECRODTMA298
- RESISTING CHROMIUM - NICKEL STEEL WELDING RODS AND BARE ELECTRODES	AECRODTMA371
UM CARBON STEEL ELECTRODES AND RODS - WELDING, BASE LOW AND MEDIUM CORROSION - RESIST	AECRODTM336
E/ AMERICAN STANDARD ON INTERRELATIONSHIP OF QUARTZ FIBER ELECTROMETER TYPE DOSIMETERS AND COMPANION DOSIM	ASA N3B *
AMERICAN STANDARD ON INTERRELATIONSHIP OF QUARTZ - FIBER ELECTROMETER TYPE DOSIMETERS AND COMPANION DOSIM	USAS1-N42B *
SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS	NBS-97 *
SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS	NCRP-5B *
SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS	NCRP-12 *
GAINST BETATRON - SYNCHROTRON RADIATIONS UP TO 100 MILLICURIE PROTECTION A	NBS-55 *
AINST BETATRON - SYNCHROTRON RADIATIONS UP TO 100 MILLICURIE PROTECTION AG	NCRP-5A *
S METHODS OF TESTING ELECTRONICS FOR SEMICONDUCTOR DETECTORS	ASA A3F
S STANDARD TEST PROCEDURES, ELECTRONICS FOR SEMICONDUCTOR RADIATION DETECTOR	IEEE-3D
ENSE INFORMATION CRITERIA AND PROCEDURES FOR DETERMINING TEST PROCEDURES - ELECTRONICS FOR SEMICONDUCTOR RADIATION DETECTOR	USAS1-N42F
EXPOSURE TO RADIATION IN AN EMERGENCY	AECICCFR10*
RADIOLOGICAL EMERGENCY AND DISASTER PLANNING	NCRP-14 ASA A2-6C

TESTING OF CONTAINMENT CAPABILITIES OF REINFORCED CONCRETE	INTERNAL EMITTERS	NAS-83 *
METEOROLOGY AND ATOMIC ENERGY	ENCLOSURES	T ASCE-4A *
SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS	ENERGY	ESSA
SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS	ENERGY	NBS-97 *
SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS	ENERGY	NCRP-58 *
ZONING STANDARDS FOR ATOMIC ENERGY FACILITIES	ENERGY	NCRP-12 *
DEVELOPMENT, GROWTH AND STATE OF THE ATOMIC ENERGY INDUSTRY	ENERGY	ASA N2-5A
SET INDUCED IN VULCANIZING RUBBER DURING EXPOSURE TO HIGH ENERGY NUCLEAR RADIATION /F TESTING COMPRESSION	ENERGY	BIBLIO-35
RADIATION STANDARDS OF IMPORTANCE TO THE NATIONAL ATOMIC ENERGY PROGRAM	ENERGY	ASTM-D2309*
UNCLASSIFIED ACTIVITIES IN FOREIGN ATOMIC ENERGY PROGRAMS	ENERGY	BIBLIO-19
ENDED PRACTICE FOR EXPOSURE OF ADHESIVE SPECIMENS TO HIGH ENERGY RADIATION	ENERGY	AECICF110*
ENDED PRACTICE FOR EXPOSURE OF POLYMERIC MATERIALS TO HIGH ENERGY RADIATION	ENERGY	RECOMM ASTM-D1879*
CHEMICAL REACTIVITY OF INORGANIC MATERIALS EXPOSED TO HIGH ENERGY RADIATION /E FOR DETERMINING CHANGES IN C	ENERGY	RECOMM ASTM-D1672*
METALLIC MATERIAL/ RECOMMENDED PRACTICE FOR EFFECTS OF HIGH ENERGY RADIATION ON THE MECHANICAL PROPERTIES OF	ENERGY	ASTM-E-183*
HIGH ENERGY X-RAY COSIMETRY	ENGINEER	ASTM-E-184*
QUALIFICATIONS OF A PROFESSIONAL NUCLEAR ENGINEER	ENGINEER	NCRP-26
RELIABILITY - REACTOR PROTECTION AND ENGINEERED SAFEGUARD SYSTEM	ENGINEER	ASA N2-3A
INSTRUMENTATION AND EQUIPMENT FOR REACTOR PROTECTION AND ENGINEERED SAFEGUARD SYSTEMS /TING OF ELECTRICAL	ENGINEER	IEEE-1F
TOLL ENRICHMENT	ENGINEER	IEEE-1C
SPECTROMETRIC TECHNIQUES FOR MEASURING ENVIRONMENTAL GAMMA RADIATION	ENVIRONMENTAL	AIF-A
RADIONUCLIDE STANDARDIZATION, ENVIRONMENTAL HEALTH SERIES	ENVIRONMENTAL	BIBLIO-14
ENVIRONMENTAL MONITORING	ENVIRONMENTAL	BIBLIO-15
ENVIRONMENTAL MONITORING FOR POWER REACTORS	ENVIRONMENTAL	USASI-N13C
ENVIRONMENTAL STRONTIUM-89, STRONTIUM-90 AND CES	ENVIRONMENTAL	ASA N7-6A
EQUIPMENT	ENVIRONMENTAL	FRC 7 *
EQUIPMENT AND MATERIALS	ENVIRONMENTAL	USASI-N44 *
EQUIPMENT FOR REACTOR PROTECTION AND ENGINEERED	ENVIRONMENTAL	NBS-29 *
ESTIMATES AND EVALUATION OF FALLOUT IN THE UNITED	ENVIRONMENTAL	IEEE-1C
ESTIMATES FOR 1964-1965 AND VERIFICATION OF THE	ENVIRONMENTAL	FRC 4 *
EVACUATION ALARM SIGNAL	ENVIRONMENTAL	FRC 6 *
EVACUATION ALARM SIGNAL	ENVIRONMENTAL	ASA N2-1B
EXCEPT REACTORS	ENVIRONMENTAL	USASI-N12C
EXCHANGER TUBES	ENVIRONMENTAL	ASA N1D1
EXCHANGER TUBES	ENVIRONMENTAL	SEAMLESS AECROTMB163
EXCHANGER TUBES /ICATION FOR SEAMLESS FERRITIC A	ENVIRONMENTAL	ASTM-B-163*
EXCHANGER, AND CONDENSER TUBES	ENVIRONMENTAL	ASTM-A-213*
EXCHANGERS	ENVIRONMENTAL	ASTM-A-249*
EXCLUDING U.S. ACTIVITIES)	ENVIRONMENTAL	TUBING INSPECTI
EXCLUDING U.S. STANDARDS)	ENVIRONMENTAL	ANS-7B
EXEMPTED AND GENERALLY LICENSED ITEMS CONTAINING	ENVIRONMENTAL	1966 COMP BIBLIO-12
EXEMPTED FROM LICENSING REQUIREMENTS	ENVIRONMENTAL	COMP ASA N6-98 *
EXEMPTIONS AND CONTINUED REGULATORY AUTHORITY IN	ENVIRONMENTAL	AECICCFR32*
EXPLOSIVES AND OTHER DANGEROUS ARTICLES	ENVIRONMENTAL	AECICCF115*
EXPLOSIVES AND OTHER DANGEROUS ARTICLES	ENVIRONMENTAL	AECICCF150*
EXPLOSIVES OR OTHER DANGEROUS ARTICLES OR SUBSTA	ENVIRONMENTAL	FAA14CFR49*
EXPORT AND IMPORT OF BYPRODUCT MATERIAL	ENVIRONMENTAL	ICC49CFR72*
EXPOSED TO HIGH ENERGY RADIATION /E FOR DETERMIN	ENVIRONMENTAL	CG46CF146 *
EXPOSED TO NEUTRON AND GAMMA RADIATION	ENVIRONMENTAL	AECICCFR36*
EXPOSED TO NEUTRON AND GAMMA RADIATION	ENVIRONMENTAL	ASTM-E-183*
EXPOSURE	ENVIRONMENTAL	ASA N4-4A *
EXPOSURE GUIDE FOR THE DEVELOPMENT AND MAINTEN	ENVIRONMENTAL	IEEE-2C *
EXPOSURE /ENS AND MAXIMUM PERMISSIBLE CONCENTRAT	ENVIRONMENTAL	USASI-N131
EXPOSURE /NS AND MAXIMUM PERMISSIBLE CONCENTRATI	ENVIRONMENTAL	INMM-F-A
EXPOSURE BY LEGISLATIVE MEANS	ENVIRONMENTAL	NCRP-2 *
EXPOSURE BY LEGISLATIVE MEANS	ENVIRONMENTAL	NBS-69 *
EXPOSURE OF ADHESIVE SPECIMENS TO HIGH ENERGY RA	ENVIRONMENTAL	NBS-61 *
EXPOSURE OF POLYMERIC MATERIALS TO HIGH ENERGY R	ENVIRONMENTAL	NCRP-10 *
EXPOSURE RECORDS	ENVIRONMENTAL	ASTM-D1879*
EXPOSURE RECORDS SYSTEM	ENVIRONMENTAL	ASTM-D1672*
EXPOSURE RECORDS SYSTEMS	ENVIRONMENTAL	AIF-5
EXPOSURE TO HIGH ENERGY NUCLEAR RADIATION /F TES	ENVIRONMENTAL	USASI-N13J*
EXPOSURE TO RADIATION IN AN EMERGENCY	ENVIRONMENTAL	ASA N2-2A *
EXTERNAL SOURCES	ENVIRONMENTAL	ASTM-D2309*
EXTERNAL SOURCES OF IONIZING RADIATION	ENVIRONMENTAL	NCRP-14
EXTERNAL SOURCES OF IONIZING RADIATION	ENVIRONMENTAL	NAS-84 *
EXTRUSIONS FOR NUCLEAR APPLICATIONS	ENVIRONMENTAL	NBS-59 *
	ENVIRONMENTAL	NCRP-1 *
	ENVIRONMENTAL	SPE ASTM-B-356*

F

FOR HEAT TREATMENT OF CARBON STEEL AND LOW ALLOY STEEL AS	FABRICATED INTO REACTOR AND OTHER PRESSURE VESS/	AECROTS941
STRUCTURES FOR STATIONARY N/ SAFETY STANDARD FOR DESIGN,	FABRICATION AND MAINTENANCE OF STEEL CONTAINMENT	USASI-N18A*
DISPOSAL OF WASTES FROM NUCLEAR FUEL	FABRICATION OPERATIONS	ASA N5-2H
RADIATION PROTECTION IN NUCLEAR FUEL	FABRICATION PLANTS	USASI-N13L*
CAN STANDARD RADIATION PROTECTION IN NUCLEAR REACTOR FUEL	FABRICATION PLANTS	AMERI ASA N7-7A *
IRON ALLOY SEAL MEMBRANES	FABRICATION REQUIREMENTS FOR NICKEL - CHROMIUM -	AECROTS923
MENT STRUCTURES FOR STAT/ SAFETY STANDARD FOR THE DESIGN,	FABRICATION, AND MAINTENANCE OF CONCRETE CONTAIN	ASCE-5
T STRUCTURES FOR STAT/ AMERICAN STANDARD FOR THE DESIGN,	FABRICATION, AND MAINTENANCE OF STEEL CONTAINMEN	ASA N6-2A *
CONVERTERS AND	FABRICATORS	INMM-E-A
GUIDE TO THE APPLICATION OF THE SINGLE	FAILURE CRITERION TO REACTOR PROTECTIVE SYSTEMS	IEEE-1B
OF THE 1963 PREDICTION	FALLOUT ESTIMATES FOR 1964-1965 AND VERIFICATION	FRC 6 *
HEALTH IMPLICATIONS OF	FALLOUT FROM NUCLEAR WEAPONS TESTING THROUGH 196	FRC 3 *
ESTIMATES AND EVALUATION OF	FALLOUT IN THE UNITED STATES FROM WEAPONS TESTIN	FRC 4 *
PRELOADING THREADED	FASTENERS BY TORQUING OR THERMAL STRAINING	AECROTS915
DETERMINATION OF	FATE OF ISOTOPES WITHIN THE BARRIER (THE PRESSU	ANS-5H
INDEX OF	FEDERAL SPECIFICATIONS AND STANDARDS.	BIBLIO-28
SAFETY AND HEALTH STANDARDS FOR	FEDERAL SUPPLY CONTRACTS - RADIATION	DL41CFR50 *
NONDISCRIMINATION IN	FEDERALLY ASSISTED COMMISSION PROGRAMS	AECICCFR4 *
/APPLICATIONS FOR THE DETERMINATION OF REASONABLE ROYALTY	FEE, JUST COMPENSATION OR THE GRANT OF AN AWARD/	AECICCFR80*

SPECIFICATION FOR PRIMARY HAFNIUM METAL SPONGE AND OTHER FORMS	FORMS FOR NUCLEAR LOGS	ASTM-B-414*
RECOMMENDED PRACTICE FOR STANDARD CALIBRATIONS AND DESIGN OF	FREE AIR IONIZATION CHAMBERS	API-RP-33 *
REGULATIONS APPLYING PARTICULARLY TO CARRIERS BY RAIL FREIGHT		NBS-64 *
TEST FOR ABSORBED GAMMA RADIATION DOSE IN FRICKE DOSIMETER		ICC49CFR74*
FISSION PRODUCT RELEASE FROM RUPTURED URANIUM DIOXIDE FUEL		ASTM-D1671*
FISSION PRODUCT RELEASE FROM OVERHEATED URANIUM DIOXIDE FUEL		ANS-5E
SHIPPING CONTAINERS FOR IRRADIATED SOLID FUEL		ANS-5G
PLATE TYPE URANIUM - ALUMINUM FUEL		ANS-7F
URANIUM - ALUMINUM ALLOY FUEL		ASA N5-1D
ANALYTICAL METHOD FOR DETERMINING ORGANIC MATERIAL IN NUCLEAR FUEL		ASA N5-1Q
METHOD OF TEST FOR ATOM PER CENT FISSION IN URANIUM FUEL (MASS SPECTROGRAPHIC METHOD)		ASA N5-1K
METHOD OF TEST FOR ATOM PER CENT FISSION IN URANIUM FUEL (RADIOCHEMICAL METHOD)		ASTM-E-244*
ATTACHMENT OF IRRADIATED FUEL CASKS TO VEHICLES		ASTM-E-219*
	FUEL ELEMENT HANDLING AND RETRIEVING DEVICES	ASA N5-5E
	FUEL ELEMENT HANDLING AND RETRIEVING DEVICES	ANS-11B
	FUEL ELEMENTS	ANS-7C
MECHANICALLY ASSEMBLED PLATE TYPE URANIUM - ALUMINUM PELLET TYPE REACTOR		ANS-7A *
QUALITY CONTROL FOR PLATE TYPE URANIUM - ALUMINUM FUEL ELEMENTS		ANS-7H
PROTECTION AGAINST RADIATION IN THE SHIPMENT OF IRRADIATED FUEL ELEMENTS		ANS-7D *
DISPOSAL OF WASTES FROM NUCLEAR FUEL FABRICATION OPERATIONS		P AEC1CCFR72*
AMERICAN STANDARD RADIATION PROTECTION IN NUCLEAR REACTOR FABRICATION PLANTS		ASA N5-2H
RADIATION PROTECTION IN NUCLEAR REACTOR FABRICATION PLANTS		ASA N7-7A *
ANNEALING IN THE MILLING AND CONCENTRATION OF NUCLEAR FUEL FEED MATERIALS		USASI-N13L*
AND OPERATION OF SHIPPING CONTAINERS FOR IRRADIATED SOLID FUEL FROM NUCLEAR REACTORS	GUIDE FOR DESIGN	ST ASA N5-1T
AND OPERATION OF SHIPPING CONTAINERS FOR IRRADIATED SOLID FUEL FROM NUCLEAR REACTORS	RD GUIDE FOR DESIGN	USASI-N14B*
REFEREE METHODS FOR DETERMINING THE DENSITY OF SOLID FUEL MIXTURE		ASA N5-5B *
NUCLEAR GRADE URANIUM DIOXIDE - PLUTONIUM DIOXIDE FUEL PELLETS		ASA N5-1P
		ASA N5-1R
		ASA N5-1E
		ASME-2B
POWER TEST CODE FOR NUCLEAR REACTOR FUEL PERFORMANCE		AIF-Q
DIFFERENCES IN THE RECOVERY OF UNIRRADIATED/ PROCEDURES FOR FUEL PROCESSORS TO MINIMIZE SHIPPER VS. RECEIVER		AIF-Q
DIFFERENCES IN THE RECOVERY OF UNIRRADIATED REACTOR FUEL SCRAP /PROCESSORS TO MINIMIZE SHIPPER VS REC		ANS-7X
FLUID SYSTEM AND FUEL WITH REACTORS		ASA N6-3A
SAFETY STANDARD FOR REACTOR FLUID SYSTEMS AND FUEL WITHIN THE REACTOR		ANS-5F
RADIATION AND TEMPERATURE INCREASE RATES IN URANIUM DIOXIDE FUELED CORES	POSTSHUTDOWN HEAT GENERATION	ANS-4A
ION SYSTEM REQUIREMENTS FOR WATER COOLED, ROD TYPE, OXIDE FUELED STATIONARY POWER REACTORS /OL AND PROTECT		ASA N5-1F *
REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF NUCLEAR FUELS		USASI-N11D*
REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF NUCLEAR FUELS		REF ASA N5-1O
REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF THORIUM BEARING FUELS		REFER ASA N5-1N
REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF PLUTONIUM BEARING FUELS		ASA N5-3C
STEEL PIPE FOR HIGH TEMPERATURE / SPECIFICATION FOR ELECTRIC FUSION WELDED AUSTENITIC CHROMIUM - NICKEL ALLOY		ASTM-A-358*
SERVICE SPECIFICATION FOR ELECTRIC FUSION WELDED STEEL PIPE FOR HIGH TEMPERATURE SERVICE		ASTM-A-155*
IRON AND CHROMIUM - NICKEL STEEL PLATE, SHEET, AND STRIP FOR FUSION WELDED UNFIRED PRESSURE VESSELS / CHROMIUM		ASTM-A-240*

G

USE IN THE PRODUCTION, PROCESSING, AND H/ FOOD ADDITIVES	G. RADIATION AND RADIATION SOURCES INTENDED FOR	FDA21CF121*
AMERICAN STANDARD FOR BASES FOR G-M COUNTER TUBES		ASA N3A *
METHODS OF TESTING G-M COUNTER TUBES		ASA N3D
SPECTROMETRIC TECHNIQUES FOR MEASURING ENVIRONMENTAL GAMMA RADIATION		B18L10-14
OF ELECTRICAL INSULATING MATERIALS EXPOSED TO NEUTRON AND GAMMA RADIATION	CLASSIFICATION	IEEE-2C *
ING ELECTRICAL INSULATING MATERIALS EXPOSED TO NEUTRON AND GAMMA RADIATION	GUIDE FOR CLASSIFYING	ASA N4-4A *
TEST FOR ABSORBED GAMMA RADIATION DOSE IN FRICKE DOSIMETER		ASTM-D1671*
MEASUREMENT OF GAMMA RADIOACTIVITY OF INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER		ASTM-D1690*
PROTECTION AGAINST RADIATIONS FROM SEALED GAMMA SOURCES		NBS-73 *
PROTECTION AGAINST RADIATION FROM SEALED GAMMA SOURCES		NCRP-9 *
SAFETY STANDARD FOR NON MEDICAL X-RAY AND GAMMA-RAY SOURCES		NBS-93 *
AMERICAN STANDARD SAFETY STANDARD FOR NON MEDICAL X-RAY AND GAMMA-RAY SOURCES		AM ASA 254-1A*
SAFETY STANDARD FOR NON MEDICAL X-RAY AND SEALED GAMMA-RAY SOURCES	I. GENERAL	USASI-N43A*
PHOTOGRAPHIC DOSIMETRY OF X-RAYS AND GAMMA-RAYS		NBS-57 *
OF ADSORBED DOSE OF NEUTRONS AND MIXTURES OF NEUTRONS AND GAMMA-RAYS	MEASUREMENT	NCRP-20 *
ABSORBED DOSE OF NEUTRONS AND OF MIXTURES OF NEUTRONS AND GAMMA-RAYS	MEASUREMENT OF	NBS-75 *
STANDARDS FOR GAS FILLED PROPORTIONAL COUNTER TUBES		ASA N3G
STANDARDS ON GAS FILLED RADIATION COUNTER TUBES		IEEE-3A *
DESIGN GUIDE FOR AIR FILTER INSTALLATION FOR RADIOACTIVE GASES		ASA N5-4C
CURRENT PRACTICES IN THE DISPOSAL OF RADIOACTIVE WASTE GASES FROM NUCLEAR REACTORS		ASA N5-2C *
MOTOR - OPERATED GATE VALVE		AECROTE11
GENS TO MANUFACTURE, DISTRIBUTE, OR IMPORT EXEMPTED AND GENERATION AND TEMPERATURE INCREASE RATES IN URANIUM DIOXIDE FUELED CORES	GENERALLY LICENSED ITEMS CONTAINING BYPRODUCT MATERIAL	AEC1CCFR32*
	GENERATORS	ANS-5F
	GLASS RASCHIG RINGS AS A FIXED NEUTRON ABSORBER	AECROTE3
	GLASS RASCHIG RINGS AS FIXED NEUTRON ABSORBERS IN GLASSARY	NCRP-25
	GLASSARY OF TERMS	ANS-8C
OGY AMERICAN STANDARD	GLASSARY OF TERMS IN NUCLEAR SCIENCE AND TECHNOLOGY	USASI-N16B
OGY AMERICAN STANDARD	GLASSARY OF TERMS IN NUCLEAR SCIENCE AND TECHNOLOGY	ASA N2-4A
OGY AMERICAN STANDARD	GLASSARY OF TERMS IN NUCLEAR SCIENCE AND TECHNOLOGY	INMM-8
	GM COUNTER TUBES	ASA N1A *
	GM COUNTER TUBES	ASA N2-4B *
	GM COUNTERS	USASI-N12A
	REGULATIONS GOVERNING THE DESIGN AND CONSTRUCTION OF NUCLEAR FACILITIES	USASI-N42A*
	STATUS OF REGULATIONS GOVERNING THE RELEASE OF RADIOACTIVE MATERIAL TO THE ATMOSPHERE	USASI-N42H
	NONDESTRUCTIVE TESTING OF NUCLEAR GRADE MATERIALS	IEEE-3E
	SPECIFICATION FOR NUCLEAR GRADE METAL MELT STOCK	ASCE-3
	NUCLEAR GRADE PLUTONIUM DIOXIDE, SINTERABLE	APCA
	NUCLEAR GRADE PLUTONIUM METAL	ANS-7Q
	NUCLEAR GRADE THORIUM DIOXIDE COMPACTIBLE	USASI-N11A*
		ASA N5-1I
		ASA N5-1J
		ASA N5-1H

MIXTURE	NUCLEAR GRADE THORIUM DIOXIDE, SINTERABLE	ASA N5-1G
	NUCLEAR GRADE URANIUM CARBIDE	ASA N5-1U
	NUCLEAR GRADE URANIUM DIOXIDE - PLUTONIUM DIOXIDE FUEL	ASA N5-1R
	SPECIFICATION FOR NUCLEAR GRADE URANIUM DIOXIDE COMPACTABLE	ASA N5-1C *
	SPECIFICATION FOR NUCLEAR GRADE URANIUM DIOXIDE SINTERABLE	ASA N5-1B *
	SPECIFICATION FOR NUCLEAR GRADE URANIUM DIOXIDE, COMPACTIBLE	USASI-N11C *
	SPECIFICATION FOR NUCLEAR GRADE URANIUM DIOXIDE, SINTERABLE	USASI-N11B *
	SPECIFICATION FOR NUCLEAR GRADE URANIUM METAL MELT STOCK	ASA N5-1A *
ATION OF REASONABLE ROYALTY FEE, JUST COMPENSATION OR THE	GRANT OF AN AWARD FOR PATENTS, INVENTIONS OR DISCOVERIES	AECICCFR80 *
	STANDARD SPECIFICATIONS FOR THE GRANTING OF PATENT LICENSES	AECICCFR81 *
	SPECIFICATIONS FOR NUCLEAR GRAPHITE	ANS-7J
METHOD FOR MEASUREMENT OF LATTICE SPACING OF NUCLEAR GRAPHITE	GRAPHITE	ASTM-C-558 *
METHOD FOR CHEMICAL ANALYSIS OF CARBON AND GRAPHITE	GRAPHITE	ASTM-C-560 *
METHODS OF TEST FOR ASH IN GRAPHITE	GRAPHITE	ASTM-C-561 *
METHOD OF TEST FOR MOISTURE IN GRAPHITE	GRAPHITE	ASTM-C-562 *
METHOD OF TEST FOR DENSITY IN AIR OF MANUFACTURED CARBON AND GRAPHITE ARTICLES BY PHYSICAL MEASUREMENTS	MET	ASTM-C-559 *
	DEVELOPMENT, GROWTH AND STATE OF THE ATOMIC ENERGY INDUSTRY	BIBLIO-35
OF TECHNICAL, BIOLOGICAL AND ECONOMIC FACTORS IN CURRENT	GUIDELINES ON RADIATION PROTECTION FOR WORKERS /	FRC 8

H

	SPECIFICATION FOR PRIMARY HAFNIUM METAL SPONGE AND OTHER FORMS	ASTM-B-414 *
	STANDARD HALF-LIVES FOR FISSION PRODUCTS	ANS-5B
NASAS KENNEDY SPACE CENTER RADIOLOGICAL SAFETY HANDBOOK	HANDBOOK	BIBLIO-17
	SPRINGS - HELICAL, AGE HARDENABLE NICKEL - CHROME - IRON ALLOY	AECRDTMM335
	NICKEL - CHROMIUM - IRON ALLOY, AGE HARDENABLE WROUGHT SHAPES	AECRDTMA461
EL BARS AND FORGINGS, CORROSION - RESISTANT PRECIPITATION CHROMIUM - NICKEL STE	HARDENING	AECRDTMM325
ONS TESTING THROUGH 1961	HEALTH IMPLICATIONS OF FALLOUT FROM NUCLEAR WEAP	FRC 3 *
	QUALIFICATIONS OF A PROFESSIONAL HEALTH PHYSICIST	ASA A2-3B
	SAFETY AND HEALTH REGULATIONS FOR SHIP REPAIRING	DL29CF1501 *
	SAFETY AND HEALTH REGULATIONS FOR SHIPBUILDING	DL29CF1502 *
RADIONUCLIDE STANDARDIZATION, ENVIRONMENTAL HEALTH SERIES	HEALTH SERVICES IN SMALL INDUSTRIES	BIBLIO-15
	GUIDE TO RECORDS FOR HEALTH STANDARDS FOR FEDERAL SUPPLY CONTRACTS -	ACGIH-C
RADIATION	SAFETY AND HEALTH STANDARDS FOR FEDERAL SUPPLY CONTRACTS -	DL41CFR50 *
MILFSS ANNEALED NICKEL - CHROMIUM - IRON ALLOY CONDENSER - HEAT EXCHANGER TUBES	SEA	AECRDTMB163
CATION FOR SEAMLESS NICKEL AND NICKEL ALLOY CONDENSER AND HEAT EXCHANGER TUBES	SPECIFI	ASTM-U-163 *
TIC AND AUSTENITIC ALLOY - STEEL BOILER, SUPERHEATER, AND HEAT EXCHANGER TUBES /ICATION FOR SEAMLESS FERRI	ASTM-A-213 *	
FICATION FOR WELDED AUSTENITIC STEEL BOILER, SUPERHEATER, AND HEAT EXCHANGER, AND CONDENSER TUBES	SPECI	ASTM-A-249 *
PECTION AND WELDED TUBE TO TUBE JOINTS IN NUCLEAR REACTOR HEAT EXCHANGERS	TUBING INS	ANS-7B
N URANIUM DIOXIDE FUELED CORES	POSTSHUTDOWN HEAT GENERATION AND TEMPERATURE INCREASE RATES I	ANS-5F
	ALLOY WIRE, CORROSION AND HEAT RESISTANT NICKEL BASE, ANNEALED	AECRDTMM373
BOILERS AND OTHER PRESSURE VESSELS	STAINLESS AND HEAT RESISTANT STEEL BARS AND SHAPES FOR USE IN	AECRDTMA479
	STAINLESS AND HEAT RESISTING STEEL FORGINGS	AECRDTMA182
EL AS FABRICATED INTO REACTOR/ ADDITIONAL REQUIREMENTS FOR HEAT TREATMENT OF CARBON STEEL AND LOW ALLOY STE	HEATER AND CONNECTOR ASSEMBLY	AECRDTM941
	PRESSURIZER	AECRDTM7
METHOD OF MAGNETIC PARTICLE TESTING AND INSPECTION OF HEAVY STEEL FORGINGS	RECO	ASTM-A-275 *
MMENDED PRACTICE FOR ULTRASONIC TESTING AND INSPECTION OF HEAVY STEEL FORGINGS	RECO	ASTM-A-388 *
LLOY	SPRINGS - HELICAL, AGE HARDENABLE NICKEL - CHROME - IRON A	AECRDTMM335
	EFFECTS OF IONIZING RADIATION ON THE HUMAN HERMPOIETIC SYSTEM	NAS-01 *
NG	CENTRIFUGAL PUMP, HERMETICALLY SEALED, ELECTRIC MOTOR DRIVEN	AECRDTM1
	HIGH CROSS SECTION MATERIALS FOR NUCLEAR POISONI	ASA N5-1S
	HIGH EFFICIENCY FILTER UNITS	UL 566 *
	TESTING HIGH EFFICIENCY FILTERS	ASA N5-2J
	IN PLACE TESTING OF HIGH EFFICIENCY FILTERS	ASA N5-4H
	SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS	NBS-97 *
	SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS	NCRP-5B *
	SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR INSTALLATIONS	NCRP-12
SION SET INDUCED IN VULCANIZING RUBBER DURING EXPOSURE TO HIGH ENERGY NUCLEAR RADIATION /F TESTING COMPRES	ASTM-D2309 *	
ECOMMENDED PRACTICE FOR EXPOSURE OF ADHESIVE SPECIMENS TO HIGH ENERGY RADIATION	R	ASTM-D1879 *
COMMENDED PRACTICE FOR EXPOSURE OF POLYMERIC MATERIALS TO HIGH ENERGY RADIATION	RE	ASTM-D1672 *
IN CHEMICAL REACTIVITY OF INORGANIC MATERIALS EXPOSED TO HIGH ENERGY RADIATION /E FOR DETERMINING CHANGES	ASTM-E-183 *	
ES OF METALLIC MATER/ RECOMMENDED PRACTICE FOR EFFECTS OF HIGH ENERGY RADIATION ON THE MECHANICAL PROPERTI	ASTM-E-184 *	
	HIGH ENERGY X-RAY COSIMETRY	NCRP-26
ECIFICATION FOR CARBON AND ALLOY STEEL NUTS FOR BOLTS FOR HIGH PRESSURE AND HIGH TEMPERATURE SERVICE	SP	ASTM-A-194 *
AUSTENITIC STAINLESS STEEL CASTINGS FOR HIGH TEMPERATURE AND CORROSIVE SERVICE	AECRDTMA351	
SPECIFICATION FOR SEAMLESS AUSTENITIC STEEL PIPE FOR HIGH TEMPERATURE CENTRAL STATION SERVICE	ASTM-A-376 *	
	CARBON STEEL FORGINGS FOR HIGH TEMPERATURE SERVICE	AECRDTMA105
	SEAMLESS CARBON STEEL PIPE FOR HIGH TEMPERATURE SERVICE	AECRDTMA106
	ALLOY STEEL BOLTING MATERIALS FOR HIGH TEMPERATURE SERVICE	AECRDTMA320
	ALLOY STEEL FORGINGS FOR HIGH TEMPERATURE SERVICE	AECRDTMA336
SPECIFICATION FOR SEAMLESS CARBON STEEL PIPE FOR HIGH TEMPERATURE SERVICE	ASTM-A-106 *	
SPECIFICATION FOR ELECTRIC FUSION WELDED STEEL PIPE FOR HIGH TEMPERATURE SERVICE	ASTM-A-155 *	
SPECIFICATION FOR ALLOY STEEL BOLTING MATERIALS FOR HIGH TEMPERATURE SERVICE	ASTM-A-193 *	
IFICATION FOR FERRITIC AND AUSTENITIC STEEL CASTINGS FOR HIGH TEMPERATURE SERVICE	SPE	ASTM-A-351 *
IFICATION FOR CENTRIFUGALLY CAST AUSTENITIC STEEL PIPE FOR HIGH TEMPERATURE SERVICE	SPECI	ASTM-A-451 *
N FOR CENTRIFUGALLY CAST AUSTENITIC COLD WROUGHT PIPE FOR HIGH TEMPERATURE SERVICE	SPECIFICATIO	ASTM-A-452 *
RBOON AND ALLOY STEEL NUTS FOR BOLTS FOR HIGH PRESSURE AND HIGH TEMPERATURE SERVICE	SPECIFICATION FOR CA	ASTM-A-194 *
L PIPE FLANGES, FORGED FITTINGS, AND VALVES AND PARTS FOR HIGH TEMPERATURE SERVICE / FORGED OR ROLLED STEE	ASTM-A-105 *	
EL PIPE FLANGES, FORGED FITTINGS AND VALVES AND PARTS FOR HIGH TEMPERATURE SERVICE /EC OR ROLLED ALLOY STE	ASTM-A-182 *	
WELDED AUSTENITIC CHROMIUM - NICKEL ALLOY STEEL PIPE FOR HIGH TEMPERATURE SERVICE /ON FOR ELECTRIC FUSION	ASTM-A-358 *	
TES FOR BOILERS AND OTHER PRESSURE VES/ SPECIFICATION FOR HIGH TENSILE STRENGTH CARBON - SILICON STEEL PLA	ASTM-A-212 *	
S FOR BOILER AND OTHER PRESSURE VESSELS	HIGH TENSILE STRENGTH CARBON SILICON STEEL PLATE	AECRDTMA516
NIC TESTING AND INSPECTION OF STEEL PLATES OF FIREBOX AND HIGHER QUALITY /OD AND SPECIFICATION FOR ULTRASO	ASTM-A-435 *	
D BOILERS AND OTHER PRESSURE VESSELS FOR INTERMEDIATE AND HIGHER TEMPERATURE SERVICE /TH FOR FISSION WELDE	ASTM-A-515 *	
DE BY WAY OF COMMON CONTACT OR PRIVATE CARRIERS BY PUBLIC HIGHWAY REGULATIONS APPLYING TO SHIPMENTS MA	ICC49CFR77 *	
	A HISTORY OF NUCLEAR STANDARDS FOR SAFETY	BIBLIO-5
CHECK VALVE, HORIZONTAL SWING	AECRDTM10	

GUIDE FOR GOOD PRACTICES FOR HOT CELL DESIGN AND CONSTRUCTION	ANS-110
DESIGN CRITERIA FOR HOT CELLS	ASCE-1
NIUM ALLOY BARS, ROD, AND WIRE FOR NUC/ SPECIFICATION FOR HOT ROLLED AND COLD FINISHED ZIRCONIUM AND ZIRCO	ASTM-B-351*
S IN/ MAXIMUM PERMISSIBLE AMOUNTS OF RADIOISOTOPES IN THE HUMAN BODY AND MAXIMUM PERMISSIBLE CONCENTRATION	NBS-52 *
EFFECTS OF IONIZING RADIATION ON THE HUMAN HEMATOPOIETIC SYSTEM	NAS-81
PROPOSED GUIDE FOR UNIFORM INDUSTRIAL HYGIENE CODES OF REGULATIONS	AECICCFR35*
HYGIENIC GUIDES	ACGIH-F
	AIHA
1	
TING THROUGH 1961	ASA N2-18
DEPOSITED STRONTIUM-85, STRONTIUM-90, AND CESIUM-137	USASI-NI2C
TAINING/ SPECIFIC LICENSES TO MANUFACTURE, DISTRIBUTE, OR EXPORT AND	FRC 3 *
	NAS-H-A *
	AECICCFR32*
	AECICCFR33*
	AECROTMM319
	NCRP-11
TALOGUE OF AMERICAN STANDARDS - INDEX AND RECOMMENDATIONS	1966 CA BIBL10-3
FINANCIAL PROTECTION REQUIREMENTS AND	AECICCFR140*
1966 CATALOGUE OF AMERICAN STANDARDS -	BIBL10-3
NCARDIZATION WORK	BIBL10-28
	ASA N3-1A
	BIBL10-29
	BIBL10-7
	NBS-66 *
	USASI-N438*
	ASA 254-8A*
	ACGIH-F
	ASA 254-9A
	ACGIH-E
PRACTICE	ASTM-D1944*
TEST FOR RADIOACTIVE STRONTIUM IN INDUSTRIAL WATER AND	ASTM-D2333*
METHOD OF TEST FOR THORIUM IN INDUSTRIAL WATER AND	ASTM-D2335*
METHODS OF TEST FOR RADIUM-226 IN INDUSTRIAL WATER AND	ASTM-D1690*
MEASUREMENT OF GAMMA RADIOACTIVITY OF INDUSTRIAL WATER AND	METH ASTM-D2185*
OD OF TEST FOR RADIOACTIVE COBALT IN INDUSTRIAL WATER AND	METHO ASTM-D2333*
DS OF TEST FOR RADIOACTIVE IODINE IN INDUSTRIAL WATER AND	MEASUREME ASTM-D1890*
NT OF BETA PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER AND	MEASUREMENT ASTM-D1943*
T OF ALPHA PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER AND	ASTM-D1690*
	ASTM-D1890*
	ASTM-D1943*
	ASTM-D1944*
	ASTM-D2185*
	ASTM-D2333*
	ASTM-D2335*
	ACGIH-C
	ASA N5-3F
	BIBL10-35
	EEI *
	AECICCFR1 *
	AECICCFR10*
	ICC49CFR71*
	ASTM-B-357*
	ASTM-B-350*
	ASTM-B-391*
	ASTM-B-364*
	NAS-82 *
	INPP-B
	INPP-D
	ASTM-E-183*
	CG46CFR31 *
	ANS-78
	ASME-2D
	AECROT5934
	ASTM-A-275*
	ASTM-A-388*
	ASTM-A-435*
	ASTM-E-162*
	AECROT5924
	AECROT5942
	AECROT5904
	ASA N5-4C
	SNAME-A
	ASA N4-38
	NBS-97 *
	NCRP-58 *
	NCRP-12
	BIBL10-23
	BIBL10-24
	NCRP-15
	ANS-7Y
	ASA N3-1A
	IEEE-1C
	NCRP-7 *
	ASA N4-38

/A FOR WASTE MANAGEMENT COMPONENTS AND SYSTEMS - SPECIFIC	INSTRUMENTATION PERFORMANCE, SENSITIVITY AND RE/	ASA N5-2K
SIGNAL CONNECTORS FOR NUCLEAR	INSTRUMENTS	ASA N3C
AMERICAN STANDARD FOR RADIATION MEASURING	INSTRUMENTS	ASA N7-3A
RADIOLOGICAL MONITORING METHODS AND	INSTRUMENTS	NBS-51 *
CONNECTORS FOR NUCLEAR	INSTRUMENTS	USAS1-N42D
INANTS	AIR SAMPLING	ACGIH-A
	MATERIALS FOR	ISA-RP25.1 *
	AIR SAMPLING	ACGIH-B
A RADIATION	GUIDE FOR CLASSIFYING ELECTRICAL	ASA N4-4A *
A RADIATION	CLASSIFICATION OF ELECTRICAL	IEEE-2C *
	THERMAL	AECDTMA313
	NUCLEAR LIABILITY AND	AIF-C
	VALVES AND PUMP BODIES TO	ANS-7E
AND H/ FOOD ADDITIVES G. RADIATION AND RADIATION SOURCES	INTENDED FOR USE IN THE PRODUCTION, PROCESSING,	FDA2ICF121 *
	INTERNAL EMITTERS	NAS-83 *
AND CESIUM-137	INTERNALLY DEPOSITED STRONTIUM-89, STRONTIUM-90,	NAS-H-A *
	INTERNATIONAL AFFAIRS	AIF-P
ND MEASUREMENTS, 1959	INTERNATIONAL COMMISSION ON RADIOLOGICAL UNITS A	NBS-78 *
ATIONS	INTERNATIONAL LEVEL	BIBLIO-18
	INTERNATIONAL NUCLEAR CODES, STANDARDS AND REGUL	BIBLIO-11
STANDARDS)	INTERNATIONAL NUCLEAR GLOSSARY	ASA N2-4A
ACTIVITIES)	INTERNATIONAL NUCLEAR STANDARDS (EXCLUDING U.S.	ASA N6-9B *
	INTERNATIONAL NUCLEAR STANDARDS (EXCLUDING U.S.	BIBLIO-12
	INTERPRETATIONS	AECICFR8 *
TYPE DOSIMETERS AND COMPANION DOSI/	INTERRELATIONSHIP OF QUARTZ - FIBER ELECTROMETER	USAS1-N42B
YPE DOSIMETERS AND COMPANION DOSI/	INTERRELATIONSHIP OF QUARTZ FIBER ELECTROMETER 1	ASA N3B *
, JUST COMPENSATION OR THE GRANT OF AN AWARD FOR PATENTS,	INVENTIONS OR DISCOVERIES / REASONABLE ROYALTY FEE	AECICFR80 *
WATER	ICCN IN INDUSTRIAL WATER AND INDUSTRIAL WASTE	ASTM-D2334 *
RECOMMENDATIONS FOR WASTE DISPOSAL OF PHOSPHORUS-32 AND	IOICNE-131 FOR MEDICAL USE	NCRP-88 *
RECOMMENDATIONS FOR WASTE DISPOSAL OF PHOSPHORUS-32 AND	IOICNE-131 FOR MEDICAL USERS	NBS-49 *
	IONIZATION CHAMBERS	NBS-64 *
LIST OF STANDARDS AND GUIDES FOR PROTECTION AGAINST	IONIZING RADIATION	BIBLIO-21
PERMISSIBLE DOSE FROM EXTERNAL SOURCES OF	IONIZING RADIATION	NBS-59 *
PERMISSIBLE DOSES FROM EXTERNAL SOURCES OF	IONIZING RADIATION	NCRP-1 *
EM	EFFECTS OF	IONIZING RADIATION ON THE HUMAN HEMATOPOIETIC SYST
	LONG-TERM EFFECTS OF	NAS-81 *
MOD FOR MEASURING FAST NEUTRON FLUX BY RADIOACTIVATION OF	IONIZING RADIATIONS FROM EXTERNAL SOURCES	NAS-84 *
SPRINGS - HELICAL, AGE HARDENABLE NICKEL - CHROME -	IRCN	MET ASTM-E-263 *
SEAMLESS ANNEALED NICKEL - CHROMIUM -	IRCN ALLOY	AECRDTPM335
NICKEL - CHROME -	IRCN ALLOY CONDENSER - HEAT EXCHANGER TUBES	AECRDTPB163
SPECIFICATION FOR NICKEL - CHROMIUM -	IRCN ALLOY PLATE SHEET AND STRIP	AECRDTPB168
NICKEL - CHROMIUM -	IRCN ALLOY PLATE, SHEET, AND STRIP	ASTM-B-168 *
SPECIFICATION FOR NICKEL - CHROMIUM -	IRCN ALLOY ROD AND BAR	AECRU1MB166
NICKEL - CHROMIUM -	IRCN ALLOY ROD AND BAR	ASTM-B-166 *
RIAL AND FABRICATION REQUIREMENTS FOR NICKEL - CHROMIUM -	IRCN ALLOY SEAL MEMBRANES	MATE AECRDTS923
SPECIFICATION FOR NICKEL - CHROMIUM -	IRCN ALLOY SEAMLESS PIPE AND TUBE	ASTM-B-167 *
NICKEL - CHROMIUM -	IRCN ALLOY, AGE HARDENABLE WROUGHT SHAPES	AECRDMA461
	ATTACHMENT OF	ASA N5-5E
PROTECTION AGAINST RADIATION IN THE SHIPMENT OF	IRRADIATED FUEL ELEMENTS	AECICFR72 *
ARD	IRRADIATED FUELS PROCESSING ACCOUNTABILITY STAND	ASA N5-3C
	SHIPPING CONTAINERS FOR	ANS-7F
GUIDE FOR DESIGN AND OPERATION OF SHIPPING CONTAINERS FOR	IRRADIATED SOLID FUEL	USAS1-N14B *
GUIDE FOR DESIGN AND OPERATION OF SHIPPING CONTAINERS FOR	IRRADIATED SOLID FUEL FROM NUCLEAR REACTORS	ASA N5-5B *
	IRRADIATED SOLID FUEL FROM NUCLEAR REACTORS /RD	NAS-B *
	IRRADIATION	NBS-25 *
NSPORTATION OF SOURCE AND SPECIAL NUCLEAR MATERIAL BEFORE	IRRADIATION	USAS1-N14A *
	IRRADIATION (REVISED)	NAS-H-B *
SPORTATION OF SOURCE AND SPECIAL NUCLEAR MATERIALS BEFORE	IRRADIATION / STANDARD GUIDE TO PRACTICE IN TRAN	ASA N5-5A *
, STRONTIUM-90, AND CESIUM-137	IRRADIATION BY INTERNALLY DEPOSITED STRONTIUM-89	NAS-H-A *
	IRRADIATION EFFECTS ON NUCLEAR REACTOR MATERIALS	ANS-7K
	ISOTOPE PRODUCTION AND DISTRIBUTION	AIF-E
	ISOTOPE USERS	ASA N5-2G
DISPOSAL OF RADIOACTIVE MATERIALS BY	ISOTOPES	ASA N5-3B
CHEMICAL PROCESSING IN THE CHEMICAL SEPARATION OF	ISOTOPES	NBS-42 *
SAFE HANDLING OF RADIOACTIVE	ISOTOPES	NBS-65 *
SAFE HANDLING OF BODIES CONTAINING RADIOACTIVE	ISOTOPES	NCRP-6A *
SAFE HANDLING OF BODIES CONTAINING RADIOACTIVE	ISOTOPES	NCRP-15 *
NATION OF TIME VARIANT OVERPRESSURE AVAILABLE FOR DRIVING	ISOTOPES THROUGH THE BARRIER	ANS-51
I OR ITS COUNTERPART)	ISOTOPES WITHIN THE BARRIER (THE PRESSURE VESSE	ANS-5H
DETERMINATION OF URANIUM AND PLUTONIUM CONCENTRATION AND	ISOTOPIC ABUNDANCES	METHOD FOR ASTM-E-267 *
DUCT MATERIAL AND BYPRODUCT MATERIAL CONTAINED IN CERTAIN	ITEMS / LICENSES FOR CERTAIN QUANTITIES OF BYPRO	AECICFR31 *
RE, DISTRIBUTE, OR IMPORT EXEMPTED AND GENERALLY LICENSED	ITEMS CONTAINING BYPRODUCT MATERIAL /O MANUFACT	AECICFR32 *

J

TUBING INSPECTION AND WELDED TUBE TO TUBE	JOINTS IN NUCLEAR REACTOR HEAT EXCHANGERS	ANS-7B
INDEX TO ASTM STANDARDS AS OF	JULY-1, 1966	BIBLIO-7
/CATIONS FOR THE DETERMINATION OF REASONABLE ROYALTY FEE,	JUST COMPENSATION OR THE GRANT OF AN AWARD FOR /	AECICFR80 *

K

URANIUM MINES AND MILLS - RECCRC KEEPING	USAS1-N13G
NASAS KENNEDY SPACE CENTER RADIOLOGICAL SAFETY HANDBOOK	BIBLIO-17

M

2

ANDBOOK
RCS AND REGULATIONS
XCLUDING U.S. STANDARDS) COMPILATION OF
XCLUDING U.S. ACTIVITIES) 1966 COMPILATION OF
NUCLEAR AND RADIATION STANDARDS OF IMPORTANCE TO THE
D LOCAL ORIGINANCES

L USE OF BORO SILICATE GLASS RASCHIG RINGS AS A FIXED
ALS USE OF BORO SILICATE - GLASS RASCHIG RINGS AS FIXED
SSIFICATION OF ELECTRICAL INSULATING MATERIALS EXPOSED TO
OR CLASSIFYING ELECTRICAL INSULATING MATERIALS EXPOSED TO
ION OF THRESHOLD FOIL MEASUREMENT METHODS OF CALCULATION OF
ICAL APPLICATIONS MEASUREMENT OF
ICAL APPLICATIONS MEASUREMENT OF

METHOD FOR MEASURING FAST
 METHOD FOR MEASURING FAST
 METHOD FOR MEASURING FAST
 METHOD FOR MEASURING FAST
 METHOD FOR MEASURING
 METHOD FOR MEASURING THERMAL
 RADIATION PROTECTION IN THE USE OF SMALL

OLVING FISSILE MATERIALS

MEASUREMENT OF ADSORBED DOSE OF NEUTRONS AND MIXTURES CF
 ASUREMENT OF ABSORBED DOSE OF NEUTRONS AND OF MIXTURES OF
 MEASUREMENT OF ADSORBED DOSE OF
 MEASUREMENT OF ADSORBED DOSE OF
 HOC FOR MEASURING FAST NEUTRON FLUX BY RADIOACTIVATION OF
 SPRINGS - HELICAL, AGE HARDENABLE

IP
EXCHANGER TUBES
STRIP

SEAMLESS ANNEALED
SPECIFICATION FOR

TUBE MATERIAL AND FABRICATION SPECIFICATION FOR
SPECIFICATION FOR

TUBE
 ROUGH SHAPES
 SPECIFICATION FOR SEAMLESS NICKEL AND
 WROUGHT COBALT - CHROMIUM - TUNGSTEN
 /ICATION FOR ELECTRIC FUSION WELDED AUSTENITIC CHROMIUM -
 NGER TUBES
 MATERIAL
 ELECTRODES
 SPECIFICATION FOR SEAMLESS

ECTRODES
 NICKEL AND
 NICKEL AND
 ALLOY WIRE, CORROSION AND HEAT RESISTANT
 STANT PRECIPITATION HARDENING CHROMIUM -
 CORROSION - RESISTANT CHROMIUM AND CHROMIUM -
 E VESSELS MANGANESE - KOLYBDENUM -
 /IFICATION FOR CORROSION RESISTING CHROMIUM AND CHROMIUM -
 SPECIFICATION FOR MANGANESE - KOLYBDENUM -
 MILD STEEL AND CORROSION - RESISTING CHROMIUM -

FIELD TESTS AND CORROSION RESISTANCE CHARACTERISTICS	
AMERICAN STANDARD	SAFETY STANDARD FOR
	SAFETY STANDARD FOR
	SAFETY STANDARD FOR

1. GENERAL

S
PROGRAMS
AMERICAN NUCLEAR SOCIETY STANDARDS COMMITTEE FOR THE PERIOD

THE
RADIOACTIVE
CLASSIFICATION OF RADIATION ZONES FOR

THE NATIONAL ATOMIC ENERGY PROGRAM

ZIRCONIUM AND ZIRCONIUM ALLOY SHEET, STRIP, AND PLATE FOR
CANNED MOTOR PUMPS FOR
STEEL DESIGN CRITERIA FOR
CANNED MOTOR PUMPS FOR

ZIRCONIUM AND ZIRCONIUM ALLOY SHEET, STRIP, AND PLATE FOR
ZIRCONIUM AND ZIRCONIUM ALLOY FORGINGS AND EXTRUSIONS FOR
HEC ZIRCONIUM AND ZIRCONIUM ALLOY BARS, ROD, AND WIRE FOR
NATIONAL AND INTERNATIONAL

NS WITH FISSIONABLE MATERIALS OUTSIDE REACTORS

REGULATIONS GOVERNING THE DESIGN AND CONSTRUCTION OF
ANALYTICAL METHOD FOR DETERMINING ORGANIC MATERIAL IN

NASAS KENNEDY SPACE CENTER RADIOLOGICAL SAFETY H	B1BL10-17
NATIONAL AND INTERNATIONAL NUCLEAR CODES, STANDA	B1BL10-11
NATIONAL AND INTERNATIONAL NUCLEAR STANDARDS (E	ASA 86-9B *
NATIONAL AND INTERNATIONAL NUCLEAR STANDARDS (E	B1BL1C-12
NATIONAL ATOMIC ENERGY PROGRAM	B1BL10-19
NATIONALLY RECOGNIZED STANDARDS IN STATE LAWS AN	ASA 256 *
NCRP ANNUAL REPORT 1966	B1BL10-25

NEUTRON	ASCENDING	AS-65	*
NEUTRON	DESCENDING	AS-8C	*
NEUTRON	ASCENDING	USASI-116	*
NEUTRON	AND GAMMA RADIATION	IEEE-2C	*
NEUTRON	AND GAMMA RADIATION	GUIDE F	*
NEUTRON	COSE TO POLYMERIC MATERIALS AND APPLICAT	ASA N4-44	*
NEUTRON	FLUX AND SPECTRA FOR PHYSICAL AND APPLICAT	ASTM-D2365	*
NEUTRON	FLUX AND SPECTRA FOR PHYSICAL AND BIOLOG	NS-72	*
NEUTRON	FLUX AND SPECTRA FOR PHYSICAL AND BIOLOG	NCRP-19	*

NEUTRON FLUX BY RADIOACTIVATION OF ALUMINUM	ASTM-E-266*
NEUTRON FLUX BY RADIOACTIVATION OF IRON	ASTM-E-263*
NEUTRON FLUX BY RADIOACTIVATION OF NICKEL	ASTM-E-264*
NEUTRON FLUX BY RADIOACTIVATION OF SULFUR	ASTM-E-265*
NEUTRON FLUX BY RADIOACTIVATION TECHNIQUES	ASTM-E-261*
NEUTRON FLUX BY RADIOACTIVATION TECHNIQUES	ASTM-E-262*
NEUTRON GENERATORS	NCRP-25

NEUTRON MULTIPLICATION IN PROCESS OPERATIONS INV ANS-8H
NEUTRON MULTIPLICATION IN PROCESS OPERATIONS WIT USA SI-N16D

NEUTRON RADIATION UP TO 30-MEV	NBS-63	*
NEUTRON RADIATION UP TO 30-MEV	NCRP-4	*
NEUTRONS AND GAMMA-RAYS	NCRP-20	*
NEUTRONS AND GAMMA-RAYS	ME NBS-75	*
NEUTRONS AND MIXTURES OF NEUTRONS AND GAMMA-RAYS	NCRP-20	*
NEUTRONS AND MIXTURES OF NEUTRONS AND GAMMA-R	NBS-75	*
NICKEL	MET ASTM-E-264	*
NICKEL - CHROME - IRON ALLOY	AECRDTM335	*

NICKEL - CHROME - IRON ALLOY PLATE SHEET AND STR AECRD TMB168
NICKEL - CHROMIUM - IRON ALLOY CONDENSER - HEAT AECRD TMB163
NICKEL - CHROMIUM - IRON ALLOY PLATE, SHEET, AND ASTM-B-168*

NICKEL - CHROMIUM - IRON ALLOY ROD AND BAR	AECRDTMB166
NICKEL - CHROMIUM - IRON ALLOY ROD AND BAR	ASTM-B-166*
NICKEL - CHROMIUM - IRON ALLOY SEAL MEMBRANES	AECRDT5923
NICKEL - CHROMIUM - IRON ALLOY SEAMLESS PIPE AND	ASTM-B-167*

NICKEL - CHROMIUM - IRON ALLOY, AGE HARDENABLE	ACERDNTM461
NICKEL ALLOY CONDENSER AND HEAT EXCHANGER TUBES	ASTM-B-163*
NICKEL ALLOY ROUNDS	ACERDNTM323
NICKEL ALLOY STEEL PIPE FOR HIGH TEMPERATURE SE/	ASTM-A-358*
NICKEL AND NICKEL ALLOY CONDENSER AND HEAT EXCH	ASTM-B-163*
NICKEL AND NICKEL BASE ALLOY BASE WELDING FILLER	ACERDNTM504
NICKEL AND NICKEL BASE ALLOY, COVERED WELDING EL	ACERDNTM295

NICKEL BASE ALLOY BASE WELDING FILLER MATERIAL	AECDRTMM304
NICKEL BASE ALLOY, COVERED WELDING ELECTRODES	AECDRTMM2895
NICKEL BASE, ANNEALED	AECDRTMM373
NICKEL STEEL BARS AND FORGINGS, CORROSION - RES	AECDRTMM325
NICKEL STEEL COVERED WELDING ELECTRODES	AECDRTMA298
NICKEL STEEL PLATE FOR BOILERS AND OTHER PRESSUR	AECDRTMA533
NICKEL STEEL PLATE, SHEET, AND STRIP FOR FLSION/	ASTM-A-240*
NICKEL STEEL PLATES FOR PRESSURE VESSELS	ASTM-A-302*
NICKEL STEEL WELDING RODS AND BARE ELECTRODES	AECDRTMA371

NON MAILABLE MATTER, RADIOACTIVE MATTER	ROD-E *
NON MEDICAL X-RAY AND GAMMA-RAY SOURCES	ASA 254-1A*
NON MEDICAL X-RAY AND GAMMA-RAY SOURCES	NBS-93 *
NON MEDICAL X-RAY AND SEALED GAMMA-RAY SOURCES	USA SI-N43A*

NON MEDICAL X RAY AND SEALED GAMMA RAY SOURCES	USCIB-USA
NON METALLIC SEAL MATERIALS	AECROTHM318
NON-MAILABLE MATTER	POD-A *
NONDESTRUCTIVE TEST METHODS	AECROTS908

NONDISCRIMINATION IN FEDERALLY ASSISTED COMMISSION AEC/ECFR4
NOV. 1966-APR. 1967 REPORT OF ACTIVITIES OF A BIBLIC-20

NSF STANDARD RELATING TO FILM BADGE SERVICES	NSF 16	*
NUCLEAR ACTS AND PRECURSORS	NCRP-24	
NUCLEAR ACTIVITIES	ANS-7v	

NUCLEAR ACTIVITIES	ASA N4-3C
NUCLEAR AND PROCESS APPLICATIONS	ASA N4-3C
NUCLEAR AND RADIATION STANDARDS OF IMPORTANCE TO	BIBLIC-19
NUCLEAR APPLICATIONS	ASA N4-1A

NUCLEAR APPLICATIONS	ASA-44-1A
NUCLEAR APPLICATIONS	ASCE-4B
NUCLEAR APPLICATIONS	NEMA *
NUCLEAR APPLICATIONS	SPECIFICATION FOR ASTM-B-352 *

NUCLEAR APPLICATIONS SPECIFICATION FOR ASTM-B-352*
 NUCLEAR APPLICATIONS SPECIFICATION FOR ASTM-B-356*
 NUCLEAR APPLICATIONS / HOT ROLLED AND COLD FINIS ASTM-B-351*
 NUCLEAR CODES - STANDARDS AND REGULATIONS BIBLIO-11.

NUCLEAR CODES, STANDARDS AND REGULATIONS	BTB10-11
NUCLEAR CRITICALITY SAFETY- STANDARD FOR OPERATIO	USA SI-NI6A
NUCLEAR DESIGN	ANS-7R
NUCLEAR ENGINEER	ASA-N2-3A

NUCLEAR ENGINEER	ASA N2-3A
NUCLEAR FACILITIES	ASCE-3
NUCLEAR FUEL	ASA NS-1K

DISPOSAL OF WASTES FROM NUCLEAR FUEL FABRICATION OPERATIONS	ASA N5-2H
RADIATION PROTECTION IN NUCLEAR FUEL FABRICATION PLANTS	USASI-N13L*
STANDARDIZATION IN THE MILLING AND CONCENTRATION OF NUCLEAR FUEL FEED MATERIALS	ASA N5-1T
REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF NUCLEAR FUELS	ASA N5-1F *
REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF NUCLEAR FUELS	USASI-N11D*
INTERNATIONAL GLOSSARY	ASA N2-4A
NONDESTRUCTIVE TESTING OF NUCLEAR GRADE MATERIALS	ANS-7C
SPECIFICATION FOR NUCLEAR GRADE METAL MELT STOCK	USASI-N11A*
NUCLEAR GRADE PLUTONIUM DIOXIDE, SINTERABLE	ASA N5-1I
NUCLEAR GRADE PLUTONIUM METAL	ASA N5-1J
NUCLEAR GRADE THORIUM DIOXIDE, COMPACTIBLE	ASA N5-1H
NUCLEAR GRADE THORIUM DIOXIDE, SINTERABLE	ASA N5-1G
NUCLEAR GRADE URANIUM CARBIDE	ASA N5-1U
NUCLEAR GRADE URANIUM DIOXIDE - PLUTONIUM DIOXIDE	ASA N5-1R
SPECIFICATION FOR NUCLEAR GRADE URANIUM DIOXIDE, COMPACTIBLE	ASA N5-1C *
SPECIFICATION FOR NUCLEAR GRADE URANIUM DIOXIDE, SINTERABLE	ASA N5-1B *
SPECIFICATION FOR NUCLEAR GRADE URANIUM DIOXIDE, COMPACTIBLE	USASI-N11C*
SPECIFICATION FOR NUCLEAR GRADE URANIUM DIOXIDE, SINTERABLE	USASI-N11B*
SPECIFICATION FOR NUCLEAR GRADE URANIUM METAL MELT STOCK	ASA N5-1A *
SPECIFICATIONS FOR NUCLEAR GRAFITE	ANS-7J
METHOD FOR MEASUREMENT OF LATTICE SPACING OF NUCLEAR GRAFITE	ASTM-C-558*
GUIDE FOR PROTECTIVE COATINGS FOR NUCLEAR INDUSTRY	ASA N5-3F
ION WORK	ANS-7Y
INDEX OF INSTRUMENTATION AND CONTROL STANDARDIZATION	ASA N3-1A
SIGNAL CONNECTORS FOR INSTRUMENTS	ASA N3C
CONNECTORS FOR INSTRUMENTS	USASI-N42D
LIABILITY AND INSURANCE	AIF-C
LOGS	API-RP-33 *
LOSS AND PRODUCTION ACCOUNTING METHODS	INM-F-B
SPECIAL MATERIAL	AECICFR70*
MATERIAL / IONS TO PROTECT AGAINST ACCIDENTS	AECICFR71*
MATERIAL BEFORE IRRADIATION	USASI-N14A*
MATERIAL CONTROL	USASI-N15
MATERIALS	AIF-K
MATERIALS BEFORE IRRADIATION / STANDARD	ASA N5-5A *
MATERIALS CONTROL MEASUREMENT OF SOURCE	ASA N5-3E
MATERIALS IN CHEMICAL PROCESSING PLANTS	ASA N5-3E
POISONING	ASA N5-1S
POOL FACILITIES	ANS-7I
POWER	ASME-1C
POWER	ASME-2C
POWER	ASME-2D
POWER FOR SALINE WATER CONVERSION	AIF-F
POWER INDUSTRY	EEL *
POWER PIPING	ASA B31-7A
POWER PIPING	ANS D10.5 *
POWER PLANT CONSTRUCTION PERMITS	AEC DRS-A
POWER PLANT CONTAINMENT VESSELS / ASSURE D	ANS-5A
POWER PLANT PROTECTION SYSTEMS	ASA N3-3
POWER PLANT PROTECTION SYSTEMS	ASA N6-5A
POWER PLANT PROTECTION SYSTEMS	IEEE-1A
POWER PLANT PROTECTION SYSTEMS	IEEE-1D
POWER PLANT PROTECTIVE SYSTEMS	USASI-N42G
POWER PLANT STATION RECORDS FOR POWER AND	INM-F-A
POWER PLANTS	AEC DTS934
POWER PLANTS	IEEE-1E
POWER PLANTS ON MERCHANT SHIPS	SNM-B *
POWER REACTORS	ANS-2D
POWER REACTORS	IEEE-2A
POWER REACTORS / DESIGN, FABRICATION AND MAINTENANCE	USASI-N18A*
POWER REACTORS / IN, FABRICATION, AND MAINTENANCE	ASCE-5
POWER REACTORS / SIGN, FABRICATION, AND MAINTENANCE	ASA N6-2A *
POWERED SHIPS	NAS-E *
PRESSURE VESSELS	AEC DRS-B
RADIATION	ASCE-4C
RADIATION / TESTING COMPRESSION SET IND	ASTM-D2309*
RADIATION GUIDE	BIBLIO-27
REACTOR CLASSIFICATION	ANS-1A *
REACTOR CLASSIFICATION	ANS-9B
REACTOR FUEL FABRICATION PLANTS	ASA N7-7A *
REACTOR FUEL PERFORMANCE	ASME-2B
REACTOR HEAT EXCHANGERS	ANS-7B
REACTOR MATERIALS	ANS-7K
REACTOR PLANTS	ANS-6D
REACTOR SYSTEM COMPONENTS	ANS-7P
REACTORS	ANS-7P
REACTORS	ASA N5-21
REACTORS	NFPA 802 *
REACTORS	CURRENT ASA N5-2C *
REACTORS	RECOMMENDED P ASTM-E-185*
REACTORS	GUIDE FOR DESIGN AND OPERATION USASI-N14B*
REACTORS / PRACTICES IN THE HANDLING AND	ASA N5-2D *
REACTORS / RC GUIDE FOR DESIGN AND OPERATION	ASA N5-5B *
REACTORS EXEMPTED FROM LICENSING REQUIREMENTS	AECICCF115*
SAFETY CRITERIA FOR THE DESIGN OF PRESSURIZED WATER REACTOR PLANTS	ASA N6A
SAFETY STANDARDIZATION AT THE INTERNATIONAL LEVEL	BIBLIO-18
SCIENCE	NAS-G
SCIENCE AND TECHNOLOGY	ASA N1A *
SCIENCE AND TECHNOLOGY	ASA N2-4B *
SCIENCE AND TECHNOLOGY	USASI-N12A
SERVICE	ASA N4-2A
SERVICE	ASTM-E-235*
SERVICE	ASTM-B-353*

C NOV. 1966-APR. 1967	GUIDE FOR THE CLASSIFICATION OF NUCLEAR SHIPS	ABS *
	REPORT OF ACTIVITIES OF AMERICAN NUCLEAR SOCIETY STANDARDS COMMITTEE FOR THE PERIOD	BIBLIO-20
	NUCLEAR SPACE PROGRAM	AIF-G
	COMPILATION OF AMERICAN NUCLEAR STANDARDS	ASA N6-9A *
	STATUS OF ACTIVITIES IN NUCLEAR STANDARDS	BIBLIO-4
1966 COMPILATION OF NATIONAL AND INTERNATIONAL NUCLEAR STANDARDS (EXCLUDING U.S. ACTIVITIES)		BIBLIO-12
COMPILATION OF NATIONAL AND INTERNATIONAL NUCLEAR STANDARDS (EXCLUDING U.S. STANDARDS)		ASA N6-9B *
	A HISTORY OF NUCLEAR STANDARDS FOR SAFETY	BIBLIO-5
	POWER TEST CODE FOR NUCLEAR STEAM SUPPLY SYSTEMS	ASME-2A
CRITERIA FOR REINFORCED CONCRETE REACTOR CONTAINER AND NUCLEAR STRUCTURES		ACI
CRITERIA FOR REINFORCED CONCRETE REACTOR CONTAINER AND NUCLEAR STRUCTURES		ASA N6-2B
	QUALITY CONTROL OF NUCLEAR SYSTEM COMPONENTS	ANS-7h
WELDING QUALITY FOR ALUMINUM AND ITS ALLOYS IN NUCLEAR SYSTEMS		ANS-7N
	NUCLEAR TERMINOLOGY, REVISED	ANS-9A *
	NUCLEAR UNITS AND SYMBOLS	ANS-9C
BOILER AND PRESSURE VESSEL CODE, SECTION III, NUCLEAR VESSELS		ASME-1A *
CODE FOR PRESTRESSED CONCRETE REACTOR NUCLEAR VESSELS		ASME-1B
HEALTH IMPLICATIONS OF FALLOUT FROM NUCLEAR WEAPONS TESTING THROUGH 1961		FRC-3 *
ATURE SERVICE SPECIFICATION FOR CARBON AND ALLOY STEEL NUTS FOR BOLTS FOR HIGH PRESSURE AND HIGH TEMPER		ASTM-A-194 *

O

LE CONCENTRATION OF RADIONUCLIDES IN AIR AND IN WATER FOR OCCUPATIONAL EXPOSURE /ENS AND MAXIMUM PERMISSIB	NCRP-2 *
E CONCENTRATIONS OF RADIONUCLIDES IN AIR AND IN WATER FOR OCCUPATIONAL EXPOSURE /NS AND MAXIMUM PERMISSIBL	NBS-69 *
	USASI-N13J *
AMERICAN STANDARD PRACTICE FOR OCCUPATIONAL RADIATION EXPOSURE RECORDS SYSTEMS	ASA N2-2A *
RADIOACTIVE WASTE DISPOSAL IN THE OCEAN	NBS-58 *
RADIOACTIVE WASTE DISPOSAL IN THE OCEAN	NCRP-8D *
THE EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY AND FISHERIES	NAS-E2 *
X-RAY PROTECTION IN DENTAL OFFICES	NCRP-16
OPERATED GATE VALVE OPERATIONS	AECRDTE11
OPERATIONS INVOLVING FISSIONABLE MATERIALS	ASA N5-2H
OPERATIONS WITH FISSIONABLE MATERIALS	AECICCFR34 *
OPERATIONS WITH FISSIONABLE MATERIALS OUTSIDE RE	ANS-8H
OPERATORS LICENSES	USASI-N160
CRINANCES	USASI-N16A
ORGANIC MATERIAL IN NUCLEAR FUEL	AECICCFR55 *
ORGANIZATION, DELEGATIONS, AND GENERAL INFORMATI	ASA Z56 *
ORGANIZATIONS	ASA N5-1K
OUTSIDE REACTORS	AECICCFR1 *
OUTSIDE REACTORS	BIBLIO-1
OUTSIDE REACTORS	ANS-2A *
OUTSIDE REACTORS	USASI-N16E *
OUTSIDE REACTORS	ASA N6-8A *
NUCLEAR CRITICALITY	USASI-N16A
OVERHEATED URANIUM DIOXIDE FUEL	ANS-5G
OVERPRESSURE AVAILABLE FOR DRIVING ISOTOPES THRO	ANS-5I
OXIDE - PLUTONIUM DIOXIDE FUEL MIXTURE	ASA N5-1R
OXIDE COMPACTABLE	ASA N5-1C *
OXIDE COMPACTIBLE	ASA N5-1H
OXIDE FUEL	ANS-5E
OXIDE FUEL	ANS-5G
OXIDE FUEL MIXTURE	ASA N5-1R
OXIDE FUEL PELLETS	ASA N5-1E
OXIDE FUELED CORES	ANS-5F
OXIDE FUELED STATIONARY POWER REACTORS /OL AND P	ANS-4A
OXIDE SINTERABLE	ASA N5-1B *
OXIDE, COMPACTIBLE	USASI-N11C *
OXIDE, SINTERABLE	ASA N5-1G
OXIDE, SINTERABLE	ASA N5-1I
OXIDE, SINTERABLE	USASI-N11B *

P

DISPOSAL OF LOW LEVEL RADIOACTIVE WASTE INTO STANDARD CN	PACIFIC COASTAL WATERS	NAS-E3 *
SHIPMENT AND STORAGE PREPARATION FOR SEALING, PACKAGING, PACKING AND MARKING OF COMPONENTS FOR	PACKAGING AND SHIPMENT OF RADIOACTIVE WASTE	ASA N5-5D
NO STORAGE PREPARATION FOR SEALING, PACKAGING, PACKING AND MARKING OF COMPONENTS FOR SHIPMENT A	PACKAGING, PACKING AND MARKING OF COMPONENTS FOR SHIPMENT A	AECRDTS910
	PACKING AND MARKING OF COMPONENTS FOR SHIPMENT A	AECRDTS910
	PACKING MATERIAL	AECRDTPM319
INDUSTRIAL WASTE WATER RADIATION SHIELDING FOR PARTICLE ACCELERATORS	PARTICLE ACCELERATORS	NCRP-22
INDUSTRIAL WASTE WATER MEASUREMENT OF BETA PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER AND I	PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER AND I	ASTM-D1890 *
ORGINGS MEASUREMENT OF ALPHA PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER AND I	PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER AND I	ASTM-D1943 *
	PARTICLE TESTING AND INSPECTION OF HEAVY STEEL F	ASTM-A-275 *
EFFECTS OF INHALED RADIOACTIVE PARTICLES	PARTICLES	NAS-B2 *
REGULATIONS APPLYING PARTICULARLY TO CARRIERS BY RAIL FREIGHT	PARTICULARLY TO CARRIERS BY RAIL FREIGHT	ICC49CFR74 *
STANDARD SPECIFICATIONS FOR THE GRANTING OF PATENT LICENSES	PATENT LICENSES	AECICCFR81 *
WAIVER OF PATENT RIGHTS	PATENT RIGHTS	AECICCFR83 *
VALTY FEE, JUST COMPENSATION OR THE GRANT OF AN AWARD FOR PATENTS, INVENTIONS OR DISCOVERIES /EASONABLE RO	PATENTS, INVENTIONS OR DISCOVERIES /EASONABLE RO	AECICCFR80 *
PATHOLOGICAL EFFECTS OF THYROID IRRADIATION	PATHOLOGICAL EFFECTS OF THYROID IRRADIATION	NAS-B *
PATHOLOGICAL EFFECTS OF THYROID IRRADIATION (RE	PATHOLOGICAL EFFECTS OF THYROID IRRADIATION (RE	NAS-H-B *
PATTERNS	PATTERNS	USASI-N13F
PELLET TYPE REACTOR FUEL ELEMENTS	PELLET TYPE REACTOR FUEL ELEMENTS	ANS-7H
PELLETS	PELLETS	ASA N5-1E
FOR STATIONARY NUCLEAR POWER REACTORS ELECTRICAL PENETRATION ASSEMBLIES IN CONTAINMENT STRUCTURES	PENETRATION ASSEMBLIES IN CONTAINMENT STRUCTURES	IEEE-2A

NETRATIONS FOR MANIPULATORS, VIEWING DEVICES, AND SERVICE ANC SERVICE PENETRATIONS	SHIELDING WALL MECHANICAL	PENETRATIONS FOR MANIPULATORS, VIEWING DEVICES, PENETRATIONS FOR REACTOR CONTAINMENTS	SHIELDING WALL PE ANS-11A ANS-11A ANS-7G
GRAPHIC METHOD) METHOD) ON SYSTEMS	METHOD OF TEST FOR ATCM METHOD OF TEST FOR ATCM	PER CENT FISSION IN URANIUM FUEL (MASS SPECTROG PER CENT FISSION IN URANIUM FUEL (RADIOCHEMICAL PERIODIC TESTING OF NUCLEAR POWER PLANT PROTECTI	ASTM-E-244* ASTM-E-219* IEEE-10
N BODY AND MAXIMUM PERMISSIBLE CONCENTRATIONS IN/ CONCENTRATIONS OF RADIONUCLIDES IN AIR AND IN W/ MAXIMUM CONCENTRATION OF RADIONUCLIDES IN AIR AND IN W/ MAXIMUM R AND IN W/ MAXIMUM PERMISSIBLE BODY BURDENS AND MAXIMUM LE AMOUNTS OF RADIOISOTOPES IN THE HUMAN BODY AND MAXIMUM IR AND IN W/ MAXIMUM PERMISSIBLE BODY BURDENS AND MAXIMUM NG RADIATION		PERMISSIBLE AMOUNTS OF RADIOISOTOPES IN THE HUMA PERMISSIBLE BODY BURDENS AND MAXIMUM PERMISSIBLE PERMISSIBLE BODY BURDENS AND MAXIMUM PERMISSIBLE PERMISSIBLE CONCENTRATION OF RADIONUCLIDES IN AI PERMISSIBLE CONCENTRATIONS IN AIR AND WATER /SIB PERMISSIBLE CONCENTRATIONS OF RADIONUCLIDES IN A PERMISSIBLE DOSE FROM EXTERNAL SOURCES OF IONIZI PERMISSIBLE DOSES FROM EXTERNAL SOURCES OF IONIZ	NBS-52 * NBS-69 * NCRP-2 * NCRP-2 * NBS-52 * NBS-69 * NBS-59 * NCRP-1 *
ERAL DESIGN CRITERIA FOR NUCLEAR POWER PLANT CCNSTRUCTION		PERMITS PERMITS FOR ACCESS TO RESTRICTED DATA PERSONNEL DOSIMETRY	GEN AEC DRS-A AECICCFR25* ASA N2-6A
RACTICES IN RADIATION MONITORING, BIO-ASSAY SERVICES, AND METHODS FOR ANALYSIS CF RECOMMENDATIONS FOR WASTE DISPCAL CF RECOMMENDATIONS FOR WASTE DISPCAL CF		ADMINISTRATIVE P PHCSPHCRUS-32 PHCSPHCRUS-32 AND IOCINE-131 FOR MEDICAL USE PHCSPHCRUS-32 AND IOCINE-131 FOR MEDICAL USERS PHCTOGRAPHIC COSIMETERS PHCTOGRAPHIC COSIMETRY OF X-RAYS AND GAMMA-RAYS PHYSICAL AND BIOLOGICAL APPLICATIONS PHYSICAL AND BIOLOGICAL APPLICATIONS PHYSICAL ASPECTS OF IRRADIATION	ASTM-E-182* NCRP-8B * NBS-49 * USAS-1N130 NBS-57 * NBS-72 * NCRP-19 * NBS-85 *
MEASUREMENT OF NEUTRON FLUX AND SPECTRA FOR MEASUREMENT OF NEUTRON FLUX AND SPECTRA FOR		PHYSICAL MEASUREMENTS METHOD OF TEST FOR DENSI PHYSICAL, BIOLOGICAL AND ADMINISTRATIVE PROBLEMS PHYSICAL, BIOLOGICAL AND ADMINISTRATIVE PROBLEMS PHYSICIST PILOT CONTRCL	ASTM-C-559* BIBLIO-8 NAS-G3 * ASA N2-3B AECRDTE13 AECRDTPA376
REACTOR COOLANT RELIEF VALVE, PRESSURE ACTUATED SEAMLESS AUSTENITIC STAINLESS STEEL PIPE CATION FOR SEAMLESS AND WELDED AUSTENITIC STAINLESS STEEL PIPE SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLCY SEAMLESS TS FOR HI/ SPECIFICATION FOR FORGED OR ROLLED ALLOY STEEL RTS FOR HIGH TE/ SPECIFICATION FOR FORGED OR ROLLED STEEL E SPECIFICATION FOR SEAMLESS ALSTENITIC STEEL SEAMLESS CARBON STEEL SPECIFICATION FOR SEAMLESS CARBON STEEL SPECIFICATION FOR ELECTRIC FUSION WELDED STEEL SPECIFICATION FOR CENTRIFUGALLY CAST ALSTENITIC STEEL CIFICATION FOR CENTRIFUGALLY CAST ALSTENITIC CCLD WROUGHT IC FUSION WELDED AUSTENITIC CHROMIUM - NICKEL ALLOY STEEL AMERICAN STANDARD CODE FOR NUCLEAR PCWER WELDING FERROUS MATERIALS FOR NUCLEAR PCWER OR IDENTIFICATION MARKING OF REACTOR PLANT CCMPONENTS AND IN PLACE TESTING OF HIGH EFFICIENCY FILTERS		PIPE AND TUBE PIPE FLANGES, FORGED FITTINGS AND VALVES AND PAR PIPE FLANGES, FORGED FITTINGS, AND VALVES AND PA PIPE FOR HIGH TEMPERATURE CENTRAL STATION SERVIC PIPE FOR HIGH TEMPERATURE SERVICE PIPE FOR HIGH TEMPERATURE SERVICE PIPE FOR HIGH TEMPERATURE SERVICE PIPE FOR HIGH TEMPERATURE SERVICE PIPE FOR HIGH TEMPERATURE SERVICE PIPE FOR HIGH TEMPERATURE SERVICE /ON FOR ELECTR PIPING PIPING PIPING PLANNING PLANTS PLANTS PLANTS PLANTS PLANTS PLANTS PLANTS /LEAR MATERIALS CONTROL MEASUREMENT OF SO PLANTS AND THEIR MAINTENANCE PLANTS ON MERCHANT SHIPS PLATE PLATE PLATE FOR BOILERS AND OTHER PRESSURE VESSELS PLATE FOR NUCLEAR APPLICATIONS PLATE SHEET AND STRIP PLATE TYPE URANIUM - ALUMINUM FUEL PLATE TYPE URANIUM - ALUMINUM FUEL ELEMENTS PLATE TYPE URANIUM - ALUMINUM FUEL ELEMENTS PLATF, SHFFT, AND STRIP PLATE, SHEET, AND STRIP FOR FUSION WELDED UNFR/ PLATE, SHEET, STRIP PLATES FOR BOILER AND OTHER PRESSURE VESSELS PLATES FOR BOILERS AND OTHER PRESSURE VESSELS /I PLATES FOR PRESSURE VESSELS PLATES OF FIREBOX AND HIGHER QUALITY /OD AND SPE PLATES OF INTERMEDIATE TENSILE STRENGTH FOR FISS PLATES OF INTERMEDIATE TENSILE STRENGTH FOR FISS PLUME PLUTONIUM BEARING FUELS PLUTONIUM COMPOUNDS PLUTONIUM CONCENTRATION AND ISOTOPIC ABUNDANCES PLUTONIUM DI OXIDE FUEL MIXTURE PLUTONIUM DI OXIDE, SINTERABLE PLUTONIUM METAL PLUTONIUM STANDARD FOR REFEREE METHODS OF ANALYS POISONING POLICIES AND PRACTICES RELATING TO LABOR - MANAG POLYMERIC MATERIALS AND APPLICATION OF THRESHOLD POLYMERIC MATERIALS TO HIGH ENERGY RADIATION POOL FACILITIES POSTSHUTDOWN HEAT GENERATION AND TEMPERATURE INC POTENTIAL CCULOMETRY POWER POWER POWER	SPECIFI ASTM-B-167* ASTM-A-182* ASTM-A-105* ASTM-A-376* AECRDTPA106 ASTM-A-106* ASTM-A-155* ASTM-A-451* SPE ASTM-A-452* ASTM-A-358* ASA B31-7A AWS D10.5 * AECRDTS916 ASA N5-4H ASA N2-6C ANS-6D ASA N5-2E ASA N5-3A IEEE-1E USAS-1N13L* METHO AECRDTS934 NUCLEAR SA ASA N6A AMERICAN STANDARD ASA N7-7A * MEASUREMENT OF SO ASA N5-3E USAS-1N45 SNAME-B * SPECIF ASTM-B-265* SPECIFICATION ASTM-B-393* SPECIFIC AECRDTPA533 ASTM-B-352* AECRDTPA168 ASA N5-1D ANS-7A * ANS-70 * ASTM-B-168* ASTM-A-240* AECRDTPA24C AECRDTPA516 ASTM-A-212* ASTM-A-302* ASTM-A-435* ASTM-A-515* ASTM-A-516* ANS-2B ASA N5-1N ASA N5-1L ASTM-E-267* ASA N5-1R ASA N5-1I ASA N5-1J ASA N5-1L ASA N5-1S AECICCFR6 * ASTM-D2365* ASTM-D1672* ANS-71 ANS-5F ASTM-E-217* ASME-2C ASME-1C ASME-2D
TY IN AIR OF MANUFACTURED CARBON AND GRAPHITE ARTICLES BY ASSOCIATED WITH THE TRANSPORTATION OF RADIOACTIVE SUBST/ ASSOCIATED WITH THE TRANSPORTATION OF RADIOACTIVE SUBST/ QUALIFICATIONS OF A PROFESSIONAL HEALTH REACTOR COOLANT RELIEF VALVE, PRESSURE ACTUATED SEAMLESS AUSTENITIC STAINLESS STEEL PIPE CATION FOR SEAMLESS AND WELDED AUSTENITIC STAINLESS STEEL PIPE SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLCY SEAMLESS TS FOR HI/ SPECIFICATION FOR FORGED OR ROLLED ALLOY STEEL RTS FOR HIGH TE/ SPECIFICATION FOR FORGED OR ROLLED STEEL E SPECIFICATION FOR SEAMLESS ALSTENITIC STEEL SEAMLESS CARBON STEEL SPECIFICATION FOR SEAMLESS CARBON STEEL SPECIFICATION FOR ELECTRIC FUSION WELDED STEEL SPECIFICATION FOR CENTRIFUGALLY CAST ALSTENITIC STEEL CIFICATION FOR CENTRIFUGALLY CAST ALSTENITIC CCLD WROUGHT IC FUSION WELDED AUSTENITIC CHROMIUM - NICKEL ALLOY STEEL AMERICAN STANDARD CODE FOR NUCLEAR PCWER WELDING FERROUS MATERIALS FOR NUCLEAR PCWER OR IDENTIFICATION MARKING OF REACTOR PLANT CCMPONENTS AND IN PLACE TESTING OF HIGH EFFICIENCY FILTERS		PLANTS PLANTS PLANTS PLANTS PLANTS PLANTS PLANTS PLANTS /LEAR MATERIALS CONTROL MEASUREMENT OF SO PLANTS AND THEIR MAINTENANCE PLANTS ON MERCHANT SHIPS PLATE PLATE PLATE FOR BOILERS AND OTHER PRESSURE VESSELS PLATE FOR NUCLEAR APPLICATIONS PLATE SHEET AND STRIP PLATE TYPE URANIUM - ALUMINUM FUEL PLATE TYPE URANIUM - ALUMINUM FUEL ELEMENTS PLATE TYPE URANIUM - ALUMINUM FUEL ELEMENTS PLATF, SHFFT, AND STRIP PLATE, SHEET, AND STRIP FOR FUSION WELDED UNFR/ PLATE, SHEET, STRIP PLATES FOR BOILER AND OTHER PRESSURE VESSELS PLATES FOR BOILERS AND OTHER PRESSURE VESSELS /I PLATES FOR PRESSURE VESSELS PLATES OF FIREBOX AND HIGHER QUALITY /OD AND SPE PLATES OF INTERMEDIATE TENSILE STRENGTH FOR FISS PLATES OF INTERMEDIATE TENSILE STRENGTH FOR FISS PLUME PLUTONIUM BEARING FUELS PLUTONIUM COMPOUNDS PLUTONIUM CONCENTRATION AND ISOTOPIC ABUNDANCES PLUTONIUM DI OXIDE FUEL MIXTURE PLUTONIUM DI OXIDE, SINTERABLE PLUTONIUM METAL PLUTONIUM STANDARD FOR REFEREE METHODS OF ANALYS POISONING POLICIES AND PRACTICES RELATING TO LABOR - MANAG POLYMERIC MATERIALS AND APPLICATION OF THRESHOLD POLYMERIC MATERIALS TO HIGH ENERGY RADIATION POOL FACILITIES POSTSHUTDOWN HEAT GENERATION AND TEMPERATURE INC POTENTIAL CCULOMETRY POWER POWER POWER	ASTM-B-167* ASTM-A-182* ASTM-A-105* ASTM-A-376* AECRDTPA106 ASTM-A-106* ASTM-A-155* ASTM-A-451* SPE ASTM-A-452* ASTM-A-358* ASA B31-7A AWS D10.5 * AECRDTS916 ASA N5-4H ASA N2-6C ANS-6D ASA N5-2E ASA N5-3A IEEE-1E USAS-1N13L* METHO AECRDTS934 NUCLEAR SA ASA N6A AMERICAN STANDARD ASA N7-7A * MEASUREMENT OF SO ASA N5-3E USAS-1N45 SNAME-B * SPECIF ASTM-B-265* SPECIFICATION ASTM-B-393* SPECIFIC AECRDTPA533 ASTM-B-352* AECRDTPA168 ASA N5-1D ANS-7A * ANS-70 * ASTM-B-168* ASTM-A-240* AECRDTPA24C AECRDTPA516 ASTM-A-212* ASTM-A-302* ASTM-A-435* ASTM-A-515* ASTM-A-516* ANS-2B ASA N5-1N ASA N5-1L ASTM-E-267* ASA N5-1R ASA N5-1I ASA N5-1J ASA N5-1L ASA N5-1S AECICCFR6 * ASTM-D2365* ASTM-D1672* ANS-71 ANS-5F ASTM-E-217* ASME-2C ASME-1C ASME-2D
IS FOR PLUTONIUM COMPOUNDS HIGH CROSS SECTION MATERIALS FOR NUCLEAR EMENT RELATIONS FOIL MEASUREM/ METHODS OF CALCULATION OF NEUTRON DOSE TC RFOMENDED PRACTICE FOR EXPOSURE CF GUIDE FOR THE DESIGN CF NUCLEAR REASE RATES IN URANIUM DI OXIDE FLEED CORES METHOD FOR DETERMINATION OF URANIUM BY CONTROLLED CODE FOR PERFORMANCE OF VALVES FOR NUCLEAR OR DESIGN AND MANUFACTURE OF PUMPS AND VALVES FOR NUCLEAR STING AND INSPECTION FOR PERFORMANCE OF PUMPS FOR NUCLEAR		PLUTONIUM BEARING FUELS PLUTONIUM COMPOUNDS PLUTONIUM CONCENTRATION AND ISOTOPIC ABUNDANCES PLUTONIUM DI OXIDE FUEL MIXTURE PLUTONIUM DI OXIDE, SINTERABLE PLUTONIUM METAL PLUTONIUM STANDARD FOR REFEREE METHODS OF ANALYS POISONING POLICIES AND PRACTICES RELATING TO LABOR - MANAG POLYMERIC MATERIALS AND APPLICATION OF THRESHOLD POLYMERIC MATERIALS TO HIGH ENERGY RADIATION POOL FACILITIES POSTSHUTDOWN HEAT GENERATION AND TEMPERATURE INC POTENTIAL CCULOMETRY POWER POWER POWER	ASTM-B-167* ASTM-A-182* ASTM-A-105* ASTM-A-376* AECRDTPA106 ASTM-A-106* ASTM-A-155* ASTM-A-451* SPE ASTM-A-452* ASTM-A-358* ASA B31-7A AWS D10.5 * AECRDTS916 ASA N5-4H ASA N2-6C ANS-6D ASA N5-2E ASA N5-3A IEEE-1E USAS-1N13L* METHO AECRDTS934 NUCLEAR SA ASA N6A AMERICAN STANDARD ASA N7-7A * MEASUREMENT OF SO ASA N5-3E USAS-1N45 SNAME-B * SPECIF ASTM-B-265* SPECIFICATION ASTM-B-393* SPECIFIC AECRDTPA533 ASTM-B-352* AECRDTPA168 ASA N5-1D ANS-7A * ANS-70 * ASTM-B-168* ASTM-A-240* AECRDTPA24C AECRDTPA516 ASTM-A-212* ASTM-A-302* ASTM-A-435* ASTM-A-515* ASTM-A-516* ANS-2B ASA N5-1N ASA N5-1L ASTM-E-267* ASA N5-1R ASA N5-1I ASA N5-1J ASA N5-1L ASA N5-1S AECICCFR6 * ASTM-D2365* ASTM-D1672* ANS-71 ANS-5F ASTM-E-217* ASME-2C ASME-1C ASME-2D

ND MAINTENANCE OF NUCLEAR POWER PLANT STATION RECORDS FOR	POWER AND EXPOSURE GUIDE FOR THE DEVELOPMENT A	INNM-F-A
USED SAFETY STANDARD FOR THE OPERATION AND MAINTENANCE OF	POWER AND PRODUCTION REACTORS	PROP ASA N6-6A
N REQUIREMENTS FOR THE SEGREGATION OF INSTRUMENTATION AND	POWER CABLES	INSTALLATIO ASA N4-38
	POWER FOR SALINE WATER CONVERSION	AIF-F
RADIOACTIVE WASTE HANDLING IN THE NUCLEAR	POWER INDUSTRY	EET *
AMERICAN STANDARD CODE FOR NUCLEAR	POWER PIPING	ASA R31-7A
WELDING FERROUS MATERIALS FOR NUCLEAR	POWER PIPING	AWS D10.5 *
GENERAL DESIGN CRITERIA FOR NUCLEAR	POWER PLANT CONSTRUCTION PERMITS	AEC DRS-A
UIREMENTS FOR BOILING WATER AND PRESSURIZED WATER	POWER PLANT CONTAINMENT VESSELS /SSURE DECAY REQ	ANS-5A
PROPOSED STANDARD FOR	POWER PLANT PROTECTION SYSTEMS	ASA N3-3
	POWER PLANT PROTECTION SYSTEMS	ASA N6-5A
	POWER PLANT PROTECTION SYSTEMS	IEEE-1A
PERIODIC TESTING OF	POWER PLANT PROTECTION SYSTEMS	IEEE-1D
	POWER PLANT PROTECTIVE SYSTEMS	USASI-N42G
RE GUIDE FOR THE DEVELOPMENT AND MAINTENANCE OF	POWER PLANT STATION RECORDS FOR POWER AND EXPOSU	INNM-F-A
METHODS OF INSPECTION FOR WELDS FOR WATER COOLED	POWER PLANTS	AECROTS934
AUXILIARY ELECTRICAL POWER SYSTEMS FOR NUCLEAR	POWER PLANTS	IEEE-1E
SAFETY CONSIDERATIONS FOR NUCLEAR	POWER PLANTS ON MERCHANT SHIPS	SNAME-B *
SEISMIC CONSIDERATIONS FOR NUCLEAR	POWER REACTORS	ANS-2U
ENVIRONMENTAL MONITORING FOR	POWER REACTORS	ASA NT-6A
	POWER REACTORS	INNM-E-C
SEMBLIES IN CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR	POWER REACTORS	IEEE-2A
CE-OF STEEL CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR	POWER REACTORS /ESIGN, FABRICATION AND MAINTENAN	USASI-N18A*
OF CONCRETE CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR	POWER REACTORS /N, FABRICATION, AND MAINTENANCE	ASCE-5
MENTS FOR WATER COOLED, ROD TYPE, OXIDE FUELED STATIONARY	POWER REACTORS /OL AND PROTECTION SYSTEM REQUIRE	ANS-4A
CE OF STEEL CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR	POWER REACTORS /SIGN, FABRICATION, AND MAINTENAN	ASA N6-2A *
	POWER SUPPLIES	ASA N4-3A
AUXILIARY ELECTRICAL	POWER SYSTEMS FOR NUCLEAR POWER PLANTS	IEEE-1E
ELECTRICAL	POWER SYSTEMS FOR NUCLEAR SERVICE	ASA N4-2A
ANCE	POWER TEST CODE FOR NUCLEAR REACTOR FUEL PERFORM	ASPE-2B
	POWER TEST CODE FOR NUCLEAR STEAM SUPPLY SYSTEMS	ASPE-2A
	POWER TEST CODE ON CENTRIFUGAL PUMPS	ASPE-1D
RADIOACTIVE WASTE DISPOSAL FROM NUCLEAR	POWERED SHIPS	NAS-EI *
STOPPING	POWERS FOR USE WITH CAVITY CHAMBERS	NBS-79 *
STOPPING	POWERS FOR USE WITH CAVITY CHAMBERS	NCRP-21 *
M - NICKEL STEEL BARS AND FORGINGS, CORROSION - RESISTANT	PRECIPITATION HARDENING	CHROMIU AECROTHM325
RADIOACTIVE NUCLEAR ACIDS AND	PRECURSORS	NCRP-24
LOUT ESTIMATES FOR 1964-1965 AND VERIFICATION OF THE 1963	PREDICTION	REVISED FAL
RMAL STRAINING	PRELOADING THREADED FASTENERS BY TORQUING OR THE	AECROTS915
	PRESSURE ACTUATED PILOT CONTROL	AECROTE13
CATION FOR CARBON AND ALLOY STEEL NLTS FOR BOLTS FOR HIGH	PRESSURE AND HIGH TEMPERATURE SERVICE	SPECIFI ASTM-A-194*
LING WATER AND PRESSURIZED / PROPOSED STANDARD FOR DESIGN	PRESSURE AND PRESSURE DECAY REQUIREMENTS FOR BOI	ANS-5A
C PRESSURIZED / PROPOSED STANDARD FOR DESIGN PRESSURE AND	PRESSURE DECAY REQUIREMENTS FOR BOILING WATER AN	ANS-5A
D RULES FOR DESIGN AND CONSTRUCTION OF LARGE, WELDED, LOW	PRESSURE STORAGE TANKS	RECOMMENDE API-620 *
	PRESSURE VESSEL ACTIVITIES	ANS-7L
BOILER AND	PRESSURE VESSEL CODE, SECTION III, NUCLEAR VESSE	ASPE-1A *
BOILER AND	PRESSURE VESSEL COMPONENTS	AECROTHMA541
QUENCHED AND TEMPERED ALLOY STEEL FORGINGS FOR	PRESSURE VESSEL OR ITS COUNTERPART)	D ANS-5H
ETERMINATION OF FATE OF ISOTOPIES WITHIN THE BARRIER (THE	PRESSURE VESSELS	MANGANES AECROTHMA533
E - MOLYBDENUM - NICKEL STEEL PLATE FOR BOILERS AND OTHER	PRESSURE VESSELS	SPECIFICA ASTM-A-302*
TION FOR MANGANESE - MOLYBDENUM - NICKEL STEEL PLATES FOR	PRESSURE VESSELS	HIGH TENSILE AECROTHMA516
STRENGTH CARBON SILICON STEEL PLATES FOR BOILER AND OTHER	PRESSURE VESSELS	QUENCHED AND TEMP AECROTHMA508
ERED VACUUM - TREATED CARBON AND ALLOY STEEL FORGINGS FOR	PRESSURE VESSELS	TENTATIVE REGULATOR AEC DRS-8
Y SUPPLEMENTAL CRITERIA FOR ASME CODE CONSTRUCTED NUCLEAR	PRESSURE VESSELS	STAINLESS AND HEAT RES AECROTHMA79
ISTANT STEEL BARS AND SHAPES FOR LSF IN BOILERS AND OTHER	PRESSURE VESSELS	CHROMIUM AND CHROMIUM - NICK AECROTS941
L STEEL PLATE, SHEET, AND STRIP FOR FUSION WELDED UNFIRED	PRESSURE VESSELS / HEAT TREATMENT OF CARBON STEEL	ASTM-A-240*
AND LOW ALLOY STEEL AS FABRICATED INTO REACTOR AND OTHER	PRESSURE VESSELS /IFICATION FOR HIGH TENSILE STR	ASTM-A-212*
ENGTH CARBON - SILICON STEEL PLATES FOR BOILERS AND OTHER	PRESSURE VESSELS FOR ATMOSPHERIC AND LOWER TEMP/	ASTM-A-516*
/ATES OF INTERMEDIATE TENSILE STRENGTH FOR FISSION WELDED	PRESSURE VESSELS FOR INTERMEDIATE AND HIGHER TE/	ASTM-A-515*
/TE TENSILE STRENGTH FOR FISSION WELDED BOILERS AND OTHER	PRESSURE VESSELS FORGINGS	AECROTHMA473
LOW CARBON, CHROMIUM STEEL (TYPE 403)	PRESSURIZED WATER NUCLEAR POWER PLANT CONTAINME/	ANS-5A
/RE AND PRESSURE DECAY REQUIREMENTS FOR BOILING WATER AND	PRESSURIZED WATER REACTOR PLANTS	ASA N6A
NUCLEAR SAFETY CRITERIA FOR THE DESIGN OF	PRESSURIZER	AECROTE6
	PRESSURIZER HEATER AND CONNECTOR ASSEMBLY	AECROTE7
ENT VESSELS	PRESTRESSED CONCRETE FOR USE IN REACTOR CONTAINM	ASCE-2B
	PRESTRESSED CONCRETE REACTOR NUCLEAR VESSELS	ASPE-1B
	PRICE-ANDERSON STUDY	AIF-D
	SPECIFICATION FOR PRIMARY COLUMBIUM METAL	ASTM-B-383*
	SPECIFICATION FOR PRIMARY HAFNIUM METAL SPONGE AND OTHER FORMS	ASTM-B-414*
	PRIORITIES REGULATION	AECICCF130*
NS APPLYING TO SHIPMENTS MADE BY WAY OF COMMON CONTACT CR	PRIVATE CARRIERS BY PUBLIC HIGHWAY	REGULATIO ICC49CFR77*
RENCES IN THE RECOVERY OF UNIRRADIAT/ PROCEDURES FOR FUEL	PROCESSORS TO MINIMIZE SHIPPER VS RECEIVER DIFFE	AIF-C
CONTINUOUS IDENTIFICATION MARKING OF WRCUGHT METAL	PRODUCTS	AECROTS928
STANDARD HALF-LIVES FOR FISSION	PRODUCTS	ANS-5B
GUIDE FOR THE QUALITY OF PROCESSING PLANT	PRODUCTS	ASA N5-4G
SPECIFICATION FOR TANTALUM INGOTS AND FLAT MILL	PRODUCTS	ASTM-B-364*
	QUALIFICATIONS OF A PROFESSIONAL HEALTH PHYSICIST	ASA N2-3B
	QUALIFICATIONS OF A PROFESSIONAL NUCLEAR ENGINEER	ASA N2-3A
RECOMMENDED PRACTICES FOR THE	PROGRAMMING OF DIGITAL COMPUTER PROGRAMS	ANS-10B
NONDISCRIMINATION IN FEDERALLY ASSISTED COMMISSION	PROGRAMS	AECICCFR4 *
UNCLASSIFIED ACTIVITIES IN FOREIGN ATOMIC ENERGY	PROGRAMS	AECICCF110*
OMENDED PRACTICES FOR THE PROGRAMMING OF DIGITAL COMPUTER	PROGRAMS	REC ANS-10B
E OF GOOD PRACTICES FOR DOCUMENTATION OF DIGITAL COMPUTER	PROGRAMS	ANS-10A
TRESPASSING ON COMMISSION	PROPERTY	AECICCF160*
STANDARD CONTRACT CLAUSES FOR WARRANTIES AND ACCEPTANCE	PROPERTY, DRAWINGS, AND CHANGES	AIF-A
STANDARDS FOR GAS FILLED	PROPORTIONAL COUNTER TUBES	ASA N3G
TEST PROCEDURES -	PROPORTIONAL COUNTER TUBES	USASI-N421
LITY IN THE SHIPMENT OF SPECIAL NUCLEAR M/ REGULATIONS TO	PROTECT AGAINST ACCIDENTAL CONDITIONS OF CRITICA	AECICCFR71*
TIUM-89, STRONTIUM-90 AND CESIUM-137 CONTAMINATION	PROTECTIVE ACTION GUIDES FOR ENVIRONMENTAL STRON	FRC 7 *
	PROTECTIVE COATINGS FOR NUCLEAR INDUSTRY	ASA N5-3F
HE APPLICATION OF THE SINGLE FAILURE CRITERION TO REACTOR	PROTECTIVE SYSTEMS	USASI-N42G
GENERAL	PROVISIONS	IEEE-1B
		CG46CFR70 *

GENERAL PROVISIONS	CG46CFR90 *
SPECIAL CONSTRUCTION ARRANGEMENT AND PROVISIONS FOR CERTAIN DANGEROUS CARGOS IN BULK	CG46CFR98 *
ENTS MADE BY WAY OF COMMON CONTACT OR PRIVATE CARRIERS BY PUBLIC HIGHWAY REGULATIONS APPLYING TO SHIPM	ICC49CFR77 *
PUBLIC RECORDS	AEC1CCFR9 *
PUBLIC UNDERSTANDING PROGRAM	AIF-1
PUMP BODIES TO INSURE CONTAINMENT	ANS-7E
VALVES AND CENTRIFUGAL PUMP, HERMETICALLY SEALED, ELECTRIC MOTOR DRIVEN	AECROTEI
POWER TEST CODE ON CENTRIFUGAL PUMPS	ASME-1D
CODE FOR DESIGN AND MANUFACTURE CF PUMPS AND VALVES FOR NUCLEAR POWER	ASME-1C
CANNED MOTOR PUMPS FOR NUCLEAR APPLICATIONS	ASA N4-1A
CANNED MOTOR PUMPS FOR NUCLEAR APPLICATIONS	NEMA *
FOR IN SERVICE TESTING AND INSPECTION FOR PERFORMANCE CF PUMPS FOR NUCLEAR POWER	CODE ASME-2D

Q

COMPANION DOSIMETER/ AMERICAN STANDARD ON INTERRELATIONSHIP OF QUARTZ - FIBER ELECTROMETER TYPE DOSIMETERS AND	USAS1-N42B
COMPANION DOSIMETER/ AMERICAN STANDARD ON INTERRELATIONSHIP OF QUARTZ FIBER ELECTROMETER TYPE DOSIMETERS AND CO	ASA N38 *
RESSURE VESSEL COMPONENTS	QUENCHED AND TEMPERED ALLOY STEEL FORGINGS FOR P
D ALLOY STEEL FORGINGS FOR PRESSURE VESSELS	QUENCHED AND TEMPERED VACUUM - TREATED CARBON AN

R

STANDARDS FOR PROTECTION AGAINST RADIATION	AEC1CCFR20*
CONCRETE FOR SHIELDING NUCLEAR RADIATION	ASCE-4C
THE BIOLOGICAL EFFECTS OF ATOMIC RADIATION	NAS-A *
METEOROLOGICAL ASPECTS OF EFFECTS OF ATOMIC RADIATION	NAS-D
PERMISSIBLE DOSE FROM EXTERNAL SOURCES OF IONIZING RADIATION	NBS-59 *
PERMISSIBLE DOSES FROM EXTERNAL SOURCES OF IONIZING RADIATION	NCRP-1 *
PECTROMETRIC TECHNIQUES FOR MEASURING ENVIRONMENTAL GAMMA RADIATION	S BIBL10-14
AFETY AND HEALTH STANDARDS FOR FEDERAL SUPPLY CONTRACTS - RADIATION	S DL41CFR50 *
T OF STANDARDS AND GUIDES FOR PROTECTION AGAINST IONIZING RADIATION	LIS BIBL10-21
PRACTICE FOR EXPOSURE OF ADHESIVE SPECIMENS TO HIGH ENERGY RADIATION	RECOMMENDED P ASTM-D1879*
PRACTICE FOR EXPOSURE OF POLYMERIC MATERIALS TO HIGH ENERGY RADIATION	RECOMMENDED PR ASTM-D1672*
CRITICAL INSULATING MATERIALS EXPOSED TO NEUTRON AND GAMMA RADIATION	CLASSIFICATION OF ELE IEEE-2C *
CRITICAL INSULATING MATERIALS EXPOSED TO NEUTRON AND GAMMA RADIATION	GUIDE FOR CLASSIFYING ELE ASA N4-4A *
REACTIVITY OF INORGANIC MATERIALS EXPOSED TO HIGH ENERGY RADIATION	/E FOR DETERMINING CHANGES IN CHEMICAL ASTM-E-183*
VULCANIZING RUBBER DURING EXPOSURE TO HIGH ENERGY NUCLEAR RADIATION	/F TESTING COMPRESSION SET INDUCED IN ASTM-D2309*
IN THE PRODUCTION, PROCESSING, AND H/ FOOD ADDITIVES G. RADIATION AND RADIATION SOURCES INTENDED FOR USE	FOA21CF121*
STANDARDS ON GAS FILLED RADIATION COUNTER TUBES	IEEE-3A *
STANDARD TEST PROCEDURES, SEMICONDUCTOR RADIATION DETECTORS	IEEE-3C
STANDARD TEST PROCEDURES, ELECTRONICS FOR SEMICONDUCTOR RADIATION DETECTORS	IEEE-3D
TEST PROCEDURES - SEMICONDUCTOR RADIATION DETECTORS	USAS1-N42E
TEST PROCEDURES - ELECTRONICS FOR SEMICONDUCTOR RADIATION DETECTORS	USAS1-N42F
ICATIONS	RADIATION DETECTORS FOR NUCLEAR AND PROCESS APPL
TEST FOR ABSORBED GAMMA RADIATION DOSE IN FRICKE DOSIMETER	ASTM-D1671*
MEDICAL RADIATION EQUIPMENT	USAS1-N44
REGULATION CF RADIATION EXPOSURE BY LEGISLATIVE MEANS	NBS-61 *
REGULATION CF RADIATION EXPOSURE BY LEGISLATIVE MEANS	NCRP-10 *
RADIATION EXPOSURE RECORDS	AIF-5
PRACTICE FOR OCCUPATIONAL RADIATION EXPOSURE RECORDS SYSTEM	USAS1-N13J*
AMERICAN STANDARD PRACTICE FOR OCCUPATIONAL RADIATION EXPOSURE RECORDS SYSTEMS	ASA N2-2A *
DETERMINATION OF DIRECT RADIATION FIELD FROM CONTAINMENT VESSEL	ANS-2C
DETERMINATION OF RADIATION FIELD FROM LEAKING PLUME	ANS-2B
PROTECTION AGAINST RADIATION FROM SEALED GAMMA SOURCES	NCRP-9 *
NUCLEAR RADIATION GUIDE	BIBL10-27
EXPOSURE TO RADIATION IN AN EMERGENCY	NCRP-14
PROTECTION AGAINST RADIATION IN THE SHIPMENT OF IRRADIATED FUEL ELE	AEC1CCFR72*
UNITS FOR REPORTING RADIATION LEVELS	ASA N5-2F
AMERICAN STANDARD FOR RADIATION MEASURING INSTRUMENTS	ASA N7-3A
AMERICAN STANDARD GUIDE FOR ADMINISTRATIVE PRACTICES IN RADIATION MONITORING	BIBL10-22
ADMINISTRATIVE PRACTICES IN RADIATION MONITORING	USAS1-N12D
PERSONNEL DOSIMETRY	ADMINISTRATIVE PRACTICES IN RADIATION MONITORING, BIO-ASSAY SERVICES, AND PE
EFFECTS OF ATOMIC RADIATION ON AGRICULTURE AND FOOD SUPPLIES	ASA N2-6A
THE EFFECTS OF ATOMIC RADIATION ON OCEANOGRAPHY AND FISHERIES	NAS-C
EFFECTS OF IONIZING RADIATION ON THE HUMAN HEMATOPOIETIC SYSTEM	NAS-E2 *
IC MATER/ RECOMMENDED PRACTICE FOR EFFECTS OF HIGH ENERGY RADIATION ON THE MECHANICAL PROPERTIES OF METALL	NAS-B1 *
INSTRUMENTATION AND MONITORING METHODS FOR RADIATION PROCESSING OF FOODS	ASTM-E-184*
/BIOLOGICAL AND ECONOMIC FACTORS IN CURRENT GUIDELINES ON RADIATION PROTECTION	BIBL10-34
AMERICAN STANDARD FOR RADIATION PROTECTION	NCRP-7 *
PLANTS	RADIATION PROTECTION FOR WORKERS IN UNDERGROUND/
RADIATION PLANTS	RADIATION PROTECTION IN AIR AND WATER SAMPLING
GENERATORS	RADIATION PROTECTION IN EDUCATIONAL INSTITUTIONS
(CONCENTRATORS)	RADIATION PROTECTION IN NUCLEAR FUEL FABRICATION
(CONCENTRATORS)	RADIATION PROTECTION IN NUCLEAR REACTOR FUEL FAB
(CONCENTRATORS)	RADIATION PROTECTION IN TEACHING INSTITUTIONS
SELECTED BIBLIOGRAPHY OF RADIATION PROTECTION IN THE USE OF SMALL NEUTRON	ASA N7-7A *
STANDARD FOR RADIATION PROTECTION IN THORIUM MILLS AND MINES	NCRP-15
MANUAL CF RADIATION PROTECTION STANDARDS	NCRP-25
BACKGROUND MATERIAL FOR DEVELOPMENT CF RADIATION PROTECTION STANDARDS	ASA N7-18
BACKGROUND MATERIAL FOR DEVELOPMENT CF RADIATION PROTECTION STANDARDS	ASA N7-1A *
BACKGROUND MATERIAL FOR THE DEVELOPMENT CF RADIATION PROTECTION STANDARDS	USAS1-N13K*
PERATIONS	RADIATION PROTECTION ORGANIZATIONS
LICENSES FOR RADIOGRAPHY AND RADIATION SAFETY REQUIREMENTS FOR RADIOGRAPHIC O	BIBL10-1
	ASA N2-6B
	BIBL10-26
	FRC 1 *
	FRC 2 *
	FRC 5 *
	NBS-E4 *
	AEC1CCFR34*

MATERIALS FOR INSTRUMENTS IN RADIATION SERVICE	ISA-RP25.1*
ION, PROCESSING, AND H/ FOOD ADDITIVES G. RADIATION AND RADIATION SHIELDING FOR PARTICLE ACCELERATORS	NCRP-22
L ATOMIC ENERGY PROGRAM NUCLEAR AND RADIATION SOURCES INTENDED FOR USE IN THE PRODUCTION OF RADIOISOTOPES	FOA21CF121*
AMERICAN STANDARD RADIATION SYMBOL	BIBLIO-19
AMERICAN STANDARD RADIATION SYMBOL	ASA N2-1A *
PROTECTION AGAINST NEUTRON RADIATION UP TO 30-MEV	USA51-NI28
PROTECTION AGAINST NEUTRON RADIATION UP TO 30-MEV	NBS-63 *
CLASSIFICATION OF RADIATION ZONES FOR NUCLEAR ACTIVITIES	NCRP-4 *
LONG-TERM EFFECTS OF IONIZING RADIATIONS FROM EXTERNAL SOURCES	ANS-7V
PROTECTION AGAINST RADIATIONS FROM RADIUM, COBALT-60 AND CESIUM-137	NAS-84 *
PROTECTION AGAINST RADIATIONS FROM SEALEC GAMMA SOURCES	NBS-54 *
PROTECTION AGAINST RADIATIONS UP TO 100 MILLION ELECTRON VOLTS	NBS-73 *
PROTECTION AGAINST RADIATIONS UP TO 100 MILLION ELECTRON VOLTS	NBS-55 *
METHOD FOR MEASURING FAST NEUTRON FLUX BY RADIOACTIVATION OF ALUMINUM	NCRP-5A *
METHOD FOR MEASURING FAST NEUTRON FLUX BY RADIOACTIVATION OF IRON	ASTM-E-266*
METHOD FOR MEASURING FAST NEUTRON FLUX BY RADIOACTIVATION OF NICKEL	ASTM-E-263*
METHOD FOR MEASURING FAST NEUTRON FLUX BY RADIOACTIVATION OF SULFUR	ASTM-E-264*
METHOD FOR MEASURING NEUTRON FLUX BY RADIOACTIVATION TECHNIQUES	ASTM-E-265*
METHOD FOR MEASURING THERMAL NEUTRON FLUX BY RADIOACTIVATION TECHNIQUES	ASTM-E-261*
TRIAL WASTE WATER METHOD OF TEST FOR RADIOACTIVE COBALT IN INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER	ASTM-E-262*
CONTROL AND REMOVAL OF RADIOACTIVE CONTAMINATION IN LABORATORIES	ASTM-D2185*
CONTROL AND REMOVAL OF RADIOACTIVE CONTAMINATION IN LABORATORIES	NBS-48 *
CONTROL AND REMOVAL OF RADIOACTIVE DECONTAMINATION	NCRP-8A *
OR STRONTIUM) RADIOACTIVE ELEMENTS IN MAN (DOSIMETRY MODELS FOR RADIOACTIVE GASES	AECRDT5917
TRIAL WASTE WATER METHODS OF TEST FOR RADIOACTIVE IODINE IN INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER	NCRP-23
SAFE HANDLING OF BODIES CONTAINING RADIOACTIVE ISOTOPES	ASA N5-4C
SAFE HANDLING OF BODIES CONTAINING RADIOACTIVE ISOTOPES	ASTM-D2334*
SAFE HANDLING OF BODIES CONTAINING RADIOACTIVE ISOTOPES	NBS-42 *
SAFE HANDLING OF BODIES CONTAINING RADIOACTIVE ISOTOPES	NBS-65 *
STATUS OF REGULATIONS GOVERNING THE RELEASE OF RADIOACTIVE MATERIAL TO THE ATMOSPHERE	NCRP-6A *
CRITERIA FOR CONTAINERS FOR THE SHIPMENT OF RADIOACTIVE MATERIALS	NCRP-13 *
FIREFIGHTING OF STORAGE CONTAINERS FOR RADIOACTIVE MATERIALS	APCA
REGULATIONS AND STANDARDS FOR THE TRANSPORTATION OF RADIOACTIVE MATERIALS	AAR-BEFT19*
SAFE HANDLING OF RADIOACTIVE MATERIALS	ASA N2-5B
SAFE HANDLING OF RADIOACTIVE MATERIALS	BIBLIO-10
RECOMMENDED SAFE PRACTICE FOR FACILITIES HANDLING RADIOACTIVE MATERIALS	NBS-92 *
MAILLABLE MATTER UNDER SPECIAL RULES, RADIOACTIVE MATERIALS /TO BE USED AS A BASIS FOR THE PREPARATION OF REGULATIONS FOR THE SAFE TRANSPORT OF RADIOACTIVE MATERIALS BY ISOTOPE USERS	NCRP-68 *
DISPOSAL OF NON MAILABLE MATTER, RADIOACTIVE MATERIAL	NFPA 801
EFFECTS OF INHALED RADIOACTIVE PARTICLES	POD-C *
USE OF RADIOACTIVE STANDARDS	POD-U *
DESIGN GUIDE FOR RADIOACTIVE STORAGE FACILITIES FOR RADIOISOTOPE	FIC
TEST FOR RADIOACTIVE STRONTIUM IN INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER	ASA N5-2G
ADMINISTRATIVE PROBLEMS ASSOCIATED WITH THE TRANSPORTATION OF RADIOACTIVE SUBSTANCES /CAL, BIOLOGICAL AND ADMINISTRATIVE PROBLEMS ASSOCIATED WITH THE TRANSPORTATION OF RADIOACTIVE SUBSTANCES /CAL, BIOLOGICAL AND ADMINISTRATIVE PROBLEMS ASSOCIATED WITH THE TRANSPORTATION OF RADIOACTIVE WASTE	POD-E *
STANDARD ON PACKAGING AND SHIPMENT OF RADIOACTIVE WASTE CATEGORIES	NCRP-24
DEFINITION OF RADIOACTIVE WASTE DISPOSAL - PERFORMANCE CRITERIA	NAS-82 *
A FOR WASTE MANAGEMENT COMPONENTS AND SYSTEMS - SPECIFIC SHIPS, RADIOACTIVE WASTE DISPOSAL FROM NUCLEAR POWERED	NAS-62
DISPOSAL OF RADIOACTIVE WASTE DISPOSAL IN THE OCEAN	ASA N5-4B
CURRENT PRACTICES IN THE DISPOSAL OF RADIOACTIVE WASTE DISPOSAL IN THE OCEAN	ASTM-D1944*
DISPOSAL OF LOW LEVEL RADIOACTIVE WASTES	BIBLIO-8
AMERICAN STANDARD GUIDE TO PRACTICE IN TRANSPORTATION OF RADIOACTIVE WASTES	NAS-63 *
DISPOSAL AND DISPERSAL OF RADIOACTIVE WASTES	ASA N5-5D
INCINERATION OF RADIOACTIVE WASTES	ASA N5-2A
CURRENT PRACTICES IN THE DISPOSAL OF RADIOACTIVE WASTES FROM OPERATION OF URANIUM MILLS	ASA N5-2K
CURRENT PRACTICES IN THE HANDLING AND STORAGE OF SOLID RADIOACTIVE WASTES FROM THE OPERATION OF NUCLEAR REACTORS	NAS-E1 *
STANDARD FOR FISSION PRODUCT SPECIFIC MEASUREMENTS AND STANDARDS OF RADIOACTIVITY	NBS-58 *
WASTE WATER MEASUREMENT OF GAMMA RADIOACTIVITY OF INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER	NCRP-8D *
WASTE WATER MEASUREMENT OF BETA PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER	ASA N5-2E
MEASUREMENT OF ALPHA PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER AND INDUSTRIAL WASTE WATER	ASA N5-2C *
A MANUAL OF RADIOACTIVITY PROCEDURES	EEL *
A MANUAL OF RADIOACTIVITY PROCEDURES	NAS-E3 *
RADIOBIOLOGICAL COSMETRY	ASA N5-5C
RADIOBIOLOGICAL FACTORS IN MANNED SPACE FLIGHT	NAS-F
RADIOCHEMICAL DETERMINATION OF CESIUM-137 IN AQUEOUS SOLUTIONS	NCRP-11
RADIOCHEMICAL DETERMINATION OF CESIUM-137 IN AQUEOUS SOLUTIONS (CHLOROPLATINATE METHOD)	ASA N5-2B *
METHOD OF TEST FOR ATOM PER CENT FISSION IN URANIUM FUEL (RADIOCHEMICAL METHOD)	ASA N5-2D *
DISPOSAL OF RADIOACTIVE WASTE FROM RADIOCHEMICAL PLANTS	ANS-50
SITE CRITERIA FOR RADIOCHEMICAL PLANTS	NAS-64 *
STANDARD FOR CRITICALITY CONTROL IN RADIOCHEMICAL PROCESSING	NBS-E6 *
SES FOR RADIOGRAPHY AND RADIATION SAFETY REQUIREMENTS FOR RADIOGRAPHIC OPERATIONS	ASTM-D1690*
RECOMMENDED PRACTICE FOR RADIOGRAPHIC TESTING	ASTM-D1890*
LICENSING FOR RADIOGRAPHY AND RADIATION SAFETY REQUIREMENTS FOR RADIOISOTOPE LABORATORY (TYPE B)	ASTM-D1943*
AMERICAN STANDARD DESIGN GUIDE FOR RADIOISOTOPE LABORATORY, TYPE B	NBS-EG *
DESIGN GUIDE FOR RADIOACTIVE STORAGE FACILITIES FOR RADIOISOTOPE LABORATORY, TYPE B	NCRP-18 *
GENERAL METHODS OF ANALYSIS OF RADIOISOTOPES	NBS-88 *
PERMISSIBLE CONCENTRATIONS IN/ MAXIMUM PERMISSIBLE AMOUNTS OF RADIOISOTOPES IN THE HUMAN BODY AND MAXIMUM PERMISSIBLE CONCENTRATIONS IN/ MAXIMUM PERMISSIBLE AMOUNTS OF RADIOLOGICAL EMERGENCY AND DISASTER PLANNING	BIBLIO-32
METHODS OF EVALUATING RADIOLOGICAL EQUIPMENT AND MATERIALS	ASTM-E-198*
RADIOLOGICAL MONITORING METHODS AND INSTRUMENTS	ASTM-E-218*
	ASTM-E-219*
	ASA N5-2E
	ASA N5-3A
	ASA N5-3D
	AECICFR34*
	ASTM-E-94 *
	AECICFR34*
	USASINIDIA*
	ASA N5-4A *
	ASA N5-4B
	AECICFR37*
	ASTM-E-181*
	NBS-52 *
	ASA N2-6C
	NBS-89 *
	NBS-51 *

	NASAS KENNEDY SPACE CENTER REPORT OF THE INTERNATIONAL COMMISSION ON	RADIOLOGICAL SAFETY HANDBOOK RADIOLOGICAL UNITS AND MEASUREMENTS, 1959 RADIONUCLIDE STANDARDIZATION, A BIBLIOGRAPHY RADIONUCLIDE STANDARDIZATION, ENVIRONMENTAL HEALTH RADIONUCLIDES IN AIR AND IN WATER FOR OCCUPATIONAL RADIONUCLIDES IN AIR AND IN WATER FOR OCCUPATIONAL RADIUM SUBSTITUTES RADIUM, COBALT-60 AND CESIUM-137 RADIUM-226 IN INDUSTRIAL WATER AND INDUSTRIAL WASTE RAIL CARRIERS IN BAGGAGE SERVICE RAIL FREIGHT RASCHIG RINGS AS A FIXED NEUTRON ABSORBER IN SOLID RASCHIG RINGS AS FIXED NEUTRON ABSORBERS IN SOLID RATE TESTING OF CONTAINMENT STRUCTURES FOR NUCLEAR RATES IN URANIUM DIOXIDE FUELED CORES REACTIVITY OF INORGANIC MATERIALS EXPOSED TO HIGH REACTOR REACTOR AND COMMERCIAL COLUMBIUM REACTOR AND OTHER PRESSURE VESSELS /HEAT TREATMENT REACTOR BEHAVIOR REACTOR CLASSIFICATION REACTOR CLASSIFICATION REACTOR COMPONENTS DURING OPERATION REACTOR CONTAINER AND NUCLEAR STRUCTURES REACTOR CONTAINER AND NUCLEAR STRUCTURES REACTOR CONTAINMENT (A BIBLIOGRAPHY) REACTOR CONTAINMENT VESSELS REACTOR CONTAINMENTS REACTOR CONTROL ELEMENT SYSTEM REACTOR COOLANT RELIEF VALVE, PRESSURE ACTUATED REACTOR COOLANT SYSTEM WEAR APPLICATIONS REACTOR FLUID SYSTEMS AND FUEL WITHIN THE REACTOR REACTOR FUEL ELEMENTS REACTOR FUEL FABRICATION PLANTS REACTOR FUEL PERFORMANCE REACTOR FUEL SCRAP PROCESSORS TO MINIMIZE SHIPPING REACTOR HEAT EXCHANGERS REACTOR MATERIALS REACTOR NUCLEAR VESSELS REACTOR PLANT COMPONENTS AND PIPING REACTOR PLANTS REACTOR PLANTS REACTOR PLANTS AND THEIR MAINTENANCE REACTOR PROTECTION AND ENGINEERED SAFEGUARD SYSTEMS REACTOR PROTECTION AND ENGINEERED SAFEGUARD SYSTEMS REACTOR PROTECTIVE SYSTEMS REACTOR REGULATION REACTOR SAFETY REACTOR SHIELDS REACTOR SITE CRITERIA REACTOR STABILITY AND CONTROL REACTOR SYSTEM COMPONENTS REACTOR VESSEL	BIBLIC-17 NBS-78 BIBLIC-33 BIBLIC-15 NBS-69 NCRP-2 NCRP-27 NBS-54 ASTM-D2335 ICC49CFR76 ICC49CFR74 ANS-8C USASI-N16R ANS-7P ANS-5F ASTM-E-183 ASA N6-3A ASTM-E-195 AECRD15941 ANS-2A ANS-1A ANS-9B ANS-7L ACI ASA N6-2B ASCE-2A ASCE-2B ANS-7G ANS-7S AECRD1E13 AECRD1S942 ASA N6-3A ANS-7H ASA N7-7A ASME-2B AIF-C ANS-7B ANS-7K ASME-1B AECRD1S916 ANS-6D NL ASA N6A USASI-N45 IEEE-1C IEEE-1F GL IEEE-1B AIF-L AIF-J ANS-6E AECICCF100 ASA N6-4A ANS-7M AECRD1E4 ANS-2D ANS-6A ANS-7X ASA N5-21 ASA N7-6A INM-E-C NAS-G1 NFPA 802 L ANS-7P SAFETY ANS-8A SAFETY USASI-N16E AMERICAN ASA N6-8A CURRENT PRACTICE ASA N5-2C RECOMMENDED PRACTICE ASTM-E-185 PROPOSED SAFETY STANDARD ASA N6-6A NUCLEAR CRITICALITY SAFETY USASI-N16A ELECTRICAL PENETRATION ASSEMBLY IEEE-2A STANDARDS FOR LOCATION, DESIGN, AND GUIDE FOR DESIGN AND OPERATION OF DESIGN, FABRICATION AND MAINTENANCE OF N, FABRICATION, AND MAINTENANCE OF CON VOL AND PROTECTION SYSTEM REQUIREMENTS PRACTICES IN THE HANDLING AND STORAGE RC GUIDE FOR DESIGN AND OPERATION OF SIGN, FABRICATION, AND MAINTENANCE OF EXEMPTED FROM LICENSING REQUIREMENTS REASONABLE ROYALTY FEE, JUST COMPENSATION OR THIR RECEIVER DIFFERENCES IN THE RECOVERY OF UNIRRADI RECOGNIZED STANDARDS IN STATE LAWS AND LOCAL ORD RECOMMENDED PRACTICES FOR THE PROGRAMMING OF DIGI RECORD KEEPING RECORDS RECORDS RECORDS FOR HEALTH SERVICES IN SMALL INDUSTRIES RECORDS FOR POWER AND EXPOSURE GUIDE FOR THE D RECORDS SYSTEM RECORDS SYSTEMS REFEREE METHODS FOR DETERMINING THE DENSITY OF SOLID
TH SERIES			
THE BODY BURDENS AND MAXIMUM PERMISSIBLE CONCENTRATIONS OF			
THE BODY BURDENS AND MAXIMUM PERMISSIBLE CONCENTRATIONS OF			
	PROTECTION AGAINST RADIATIONS FROM		
STE WATER	METHODS OF TEST FOR		
	REGULATIONS APPLYING TO		
	REGULATIONS APPLYING PARTICULARLY TO CARRIERS BY		
UTIONS OF FISSIONABLE MATERIAL	USE OF BORON SILICATE GLASS		
UTIONS OF FISSIONABLE MATERIALS	USE OF BORON SILICATE - GLASS		
AR REACTORS	LEAKAGE		
	POSTSHUTDOWN HEAT GENERATION AND TEMPERATURE INCREASE		
	RECOMMENDED PRACTICE FOR DETERMINING CHANGES IN CHEMICAL		
TY STANDARD FOR REACTOR FLUID SYSTEMS AND FUEL WITHIN THE			
	METHODS FOR CHEMICAL ANALYSIS OF		
NT OF CARBON STEEL AND LOW ALLOY STEEL AS FABRICATED INTO			
	PROCEDURE FOR SITE EVALUATION CONSIDERING AERONAUTICAL		
	STANDARD FOR NUCLEAR		
	NUCLEAR		
	MONITORING RELIABILITY OF		
	CRITERIA FOR REINFORCED CONCRETE		
	CRITERIA FOR REINFORCED CONCRETE		
	PRESTRESSED CONCRETE FOR USE IN		
	MECHANICAL PENETRATIONS FOR		
	DESIGN CRITERIA FOR		
PILOT CONTROL			
	INSPECTION REQUIREMENTS FOR MATERIALS USED IN		
R	SAFETY STANDARD FOR		
	PELLET TYPE		
	AMERICAN STANDARD RADIATION PROTECTION IN NUCLEAR		
	POWER TEST CODE FOR NUCLEAR		
R VS RECEIVER DIFFERENCES IN THE RECOVERY OF UNIRRADIATED			
BING INSPECTION AND WELDED TUBE TO TUBE JOINTS IN NUCLEAR			
	IRRADIATION EFFECTS ON NUCLEAR		
	CODE FOR PRESTRESSED CONCRETE		
	REQUIREMENTS FOR IDENTIFICATION MARKING OF		
	TEST PROGRAM FOR BIOLOGICAL SHIELDING IN NUCLEAR		
CLEAR SAFETY CRITERIA FOR THE DESIGN OF PRESSURIZED WATER			
/ TESTING OF ELECTRICAL INSTRUMENTATION AND EQUIPMENT FOR	RELIABILITY -		
EM			
ICE TO THE APPLICATION OF THE SINGLE FAILURE CRITERION TO			
	SPECIAL MATERIALS FOR USE IN		
	STANDARD FOR SAFETY EVALUATION OF		
	GUIDE FOR SPECIFYING CLEANLINESS OF NUCLEAR		
	SEISMIC CONSIDERATIONS FOR NUCLEAR POWER		
MINIMUM STANDARD FOR OPERATION OF RESEARCH AND TEST			
	FLUID SYSTEM AND FUEL WITH		
DISPOSAL OF LIQUID WASTES FROM WATER-COOLED NUCLEAR			
	ENVIRONMENTAL MONITORING FOR POWER		
	POWER		
	RESEARCH		
RECOMMENDED FIRE PROTECTION PRACTICE FOR NUCLEAR			
EAKAGE RATE TESTING OF CONTAINMENT STRUCTURES FOR NUCLEAR			
STANDARD FOR OPERATION WITH FISSIONABLE MATERIAL OUTSIDE			
STANDARD FOR OPERATION WITH FISSIONABLE MATERIALS OUTSIDE			
STANDARD FOR OPERATION WITH FISSIONABLE MATERIALS OUTSIDE			
S IN THE DISPOSAL OF RADIOACTIVE WASTE GASES FROM NUCLEAR			
FOR SURVEILLANCE TESTS ON STRUCTURAL MATERIALS IN NUCLEAR			
FOR THE OPERATION AND MAINTENANCE OF POWER AND PRODUCTION			
TANDARD FOR OPERATIONS WITH FISSIONABLE MATERIALS OUTSIDE			
ES IN CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR POWER			
CONSTRUCTION, AND OPERATION OF ATOMIC FACILITIES, EXCEPT			
HIPPING CONTAINERS FOR IRRADIATED SOLID FUEL FROM NUCLEAR			
STEEL CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR POWER			
CRETE CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR POWER			
FOR WATER COOLED, ROD TYPE, OXIDE FUELED STATIONARY POWER			
OF SOLID RADIOACTIVE WASTES FROM THE OPERATION OF NUCLEAR			
HIPPING CONTAINERS FOR IRRADIATED SOLID FUEL FROM NUCLEAR			
STEEL CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR POWER			
	PROCEDURES FOR REVIEW OF CERTAIN NUCLEAR		
SIGN AND INSTALLATION OF WATER-COOLED AND WATER-MODERATED			
ES OF PROCEDURE ON APPLICATIONS FOR THE DETERMINATION OF			
AT/ PROCEDURES FOR FUEL PROCESSORS TO MINIMIZE SHIPPER VS			
INANCES	NATIONALLY		
TAL COMPUTER PROGRAMS			
	URANIUM MINES AND MILLS -		
	PUBLIC		
	RADIATION EXPOSURE		
	GUIDE TO		
DEVELOPMENT AND MAINTENANCE OF NUCLEAR POWER PLANT STATION			
	PRACTICE FOR OCCUPATIONAL RADIATION EXPOSURE		
CAN STANDARD PRACTICE FOR OCCUPATIONAL RADIATION EXPOSURE			
OLID FUEL MATERIALS			

		SAFE HANDLING OF RADIOACTIVE ISOTOPES	NBS-42 *
		SAFE HANDLING OF RADIOACTIVE ISOTOPES	NCRP-6A *
		SAFE HANDLING OF RADIOACTIVE MATERIALS	NBS-92 *
		SAFE HANDLING OF RADIOACTIVE MATERIALS	NCRP-68 *
		SAFE PRACTICE FOR FACILITIES HANDLING RADIOACTIVE	NFPA 801 *
E MATERIALS	RECOMMENDED	SAFE TRANSPORT OF RADIOACTIVE MATERIALS / TO BE L	FIC
SEC AS A BASIS FOR THE PREPARATION OF REGULATIONS FOR THE		SAFEGUARD SYSTEM	IEEE-1F
RELIABILITY - REACTOR PROTECTION AND ENGINEERED		SAFEGUARD SYSTEMS /TING OF ELECTRICAL INSTRUMENT	IEEE-1C
ATION AND EQUIPMENT FOR REACTOR PROTECTION AND ENGINEERED		SAFEGUARDING OF RESTRICTED DATA	AECICFR95*
	SPACE	SAFETY	AIF-H
	REACTOR	SAFETY	AIF-J
A HISTORY OF NUCLEAR STANDARDS FOR		SAFETY	BIBLIO-5
		SAFETY AND HEALTH REGULATIONS FOR SHIP REPAIRING	DL29CF1501*
		SAFETY AND HEALTH REGULATIONS FOR SHIPBUILDING	DL29CF1502*
		SAFETY AND HEALTH STANDARDS FOR FEDERAL SUPPLY C	DL4ICFR50 *
		SAFETY CONSIDERATIONS AFFECTING THE DESIGN AND I	SNAME-A
		SAFETY CONSIDERATIONS FOR NUCLEAR POWER PLANTS O	SNAME-B *
		SAFETY CRITERIA FOR NUCLEAR DESIGN	ANS-7K
		SAFETY CRITERIA FOR THE DESIGN OF PRESSURIZED WA	ASA N6A
	NUCLEAR	SAFETY EVALUATION OF REACTOR STABILITY AND CONTR	ASA N6-4A
	STANDARD FOR	SAFETY HANDBOOK	BIBLIO-17
	NASAS KENNEDY SPACE CENTER RADIOLOGICAL	SAFETY IN WELDING AND CUTTING	AWS 249.1 *
		SAFETY REQUIREMENTS FOR RADIOGRAPHIC OPERATIONS	AECICFR34*
	LICENSES FOR RADIOGRAPHY AND RADIATION	SAFETY STANDARD FOR DESIGN, FABRICATION AND MAIN	USASI-N18A*
MAINTENANCE OF STEEL CONTAINMENT STRUCTURES FOR STATIONARY N/		SAFETY STANDARD FOR NON MEDICAL X-RAY AND GAMMA-	ASA 254-1A*
RAY SOURCES	AMERICAN STANDARD	SAFETY STANDARD FOR NON MEDICAL X-RAY AND GAMMA-	NBS-93 *
RAY SOURCES		SAFETY STANDARD FOR NON MEDICAL X-RAY AND SEALED	USASI-N43A*
GAMMA-RAY SOURCES 1. GENERAL		SAFETY STANDARD FOR OPERATION WITH FISSIONABLE M	ANS-2A *
MATERIALS OUTSIDE REACTORS		SAFETY STANDARD FOR OPERATION WITH FISSIONABLE M	USASI-N16E*
MATERIALS OUTSIDE REACTORS		SAFETY STANDARD FOR OPERATIONS WITH FISSIONABLE	USASI-N16A
EL WITHIN THE REACTOR	NUCLEAR CRITICALITY	SAFETY STANDARD FOR REACTOR FLUID SYSTEMS AND FL	ASA N6-3A
MAINTENANCE OF CONCRETE CONTAINMENT STRUCTURES FOR STAT/		SAFETY STANDARD FOR THE DESIGN, FABRICATION, AND	ASCE-5
E OF POWER AND PRODUCTION REACTORS	PROPOSED	SAFETY STANDARD FOR THE OPERATION AND MAINTENANC	ASA N6-6A
L	NUCLEAR	SAFETY STANDARDIZATION AT THE INTERNATIONAL LEVE	BIBLIO-18
	NUCLEAR POWER FOR	SALINE WATER CONVERSION	AIF-F
	URANIUM MINES AND MILLS - ATMOSPHERIC	SAMPLING	USASI-N13E
ERICAN STANDARD FOR RADIATION PROTECTION IN AIR AND WATER	AIR	SAMPLING	AM ASA N7-2A
IC CONTAMINANTS	AIR	SAMPLING INSTRUMENTS FOR EVALUATION OF ATMOSPHER	ACGIH-A
	URANIUM MINES AND MILLS -	SAMPLING INSTRUMENTS MANUAL	ACGIH-B
	NUCLEAR	SAMPLING PATTERNS	USASI-N13F
		SCIENCE	NAS-G
	AMERICAN STANDARD GLOSSARY OF TERMS IN NUCLEAR	SCIENCE AND TECHNOLOGY	ASA N1A *
	AMERICAN STANDARD GLOSSARY OF TERMS IN NUCLEAR	SCIENCE AND TECHNOLOGY	ASA N2-4B *
	GLOSSARY OF TERMS IN NUCLEAR	SCIENCE AND TECHNOLOGY	USASI-N12A
	DEFINITIONS FOR THE	SCINTILLATION COUNTER FIELD	USASI-N42C
	DEFINITION FOR THE	SCINTILLATION COUNTER FIELD	IEEE-3B *
	SPECIFIC LICENSES OF BROAD	SCPE FOR BYPRODUCT MATERIAL	AECICFR33*
	COLD	SCRAP	INMM-E-B
DIFFERENCES IN THE RECOVERY OF UNIRRADIATED REACTOR FUEL		SCRAP /PROCESSORS TO MINIMIZE SHIPPER VS RECEIVER	AIF-C
	NCA METALLIC	SCRAP CLASSIFICATION GUIDE	INMM-C
INSPECTION REQUIREMENTS AND ACCEPTANCE STANDARDS FOR		SEAL MATERIALS	AECROTM318
BRICATION REQUIREMENTS FOR NICKEL - CHROMIUM - IRON ALLOY		SEAL MEMBRANES	AECROTS924
PROTECTION AGAINST RADIATIONS FROM		SEAL MEMBRANES	AECROTS923
PROTECTION AGAINST RADIATION FROM		SEALED GAMMA SOURCES	NBS-73 *
SAFETY STANDARD FOR NON MEDICAL X-RAY AND		SEALED GAMMA SOURCES 1. GENERAL	NCRP-9 *
		SEALED SOURCE STANDARD	USASI-N43A*
		SEALED, ELECTRIC MOTOR DRIVEN	ASA N5-4D
CENTRIFUGAL PUMP, HERMETICALLY		SEALING, PACKAGING, PACKING AND MARKING OF COMPO	AECROTEI
NENTS FOR SHIPMENT AND STORAGE	PREPARATION FOR	SEAMLESS AND WELDED AUSTENITIC STAINLESS STEEL P	AECROTS910
IPE	SPECIFICATION FOR	SEAMLESS AND WELDED AUSTENITIC STAINLESS STEEL T	ASTM-A-312*
UBING FOR GENERAL SERVICE	SPECIFICATION FOR	SEAMLESS AND WELDED TUBES	ASTM-A-269*
SPECIFICATION FOR COLUMBIUM AND COLUMBIUM ALLOY		SEAMLESS AND WELDED TUBES FOR NUCLEAR SERVICE	ASTM-B-394*
SPECIFICATION FOR WROUGHT ZIRCONIUM AND ZIRCONIUM ALLOY		SEAMLESS AND WELDED UNALLOYED TITANIUM TUBING	ASTM-B-353*
CONDENSER - HEAT EXCHANGER TUBES	SPECIFICATION FOR	SEAMLESS ANNEALED NICKEL - CHROMIUM - IRON ALLOY	ASTM-B-338*
		SEAMLESS AUSTENITIC STAINLESS STEEL PIPE	AECROTM163
		SEAMLESS AUSTENITIC STAINLESS STEEL TUBES	AECROTM376
		SEAMLESS AUSTENITIC STEEL PIPE FOR HIGH TEMPERAT	AECROTM213
URE CENTRAL STATION SERVICE	SPECIFICATION FOR	SEAMLESS AUSTENITIC STEEL WELDING FITTINGS AND F	ASTM-A-376*
LANGES	WROUGHT	SEAMLESS CARBON STEEL PIPE FOR HIGH TEMPERATURE	AECROTM403
SERVICE		SEAMLESS CARBON STEEL PIPE FOR HIGH TEMPERATURE	AECROTM106
SERVICE	SPECIFICATION FOR	SEAMLESS CRUM FORGINGS	ASTM-A-106*
	SPECIFICATION FOR ALLOY STEEL	SEAMLESS FERRITIC AND AUSTENITIC ALLOY - STEEL B	ASTM-A-336*
OILER, SUPERHEATER, AND HEAT EXCHANGER/	SPECIFICATION FOR	SEAMLESS NICKEL AND NICKEL ALLOY CONDENSER AND H	ASTM-A-213*
EAT EXCHANGER TUBES	SPECIFICATION FOR	SEAMLESS PIPE AND TUBE	ASTM-B-163*
	SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLOY	SECURITY POLICIES AND PRACTICES RELATING TO LABO	ASTM-B-167*
R - MANAGEMENT RELATIONS		SEGREGATION OF INSTRUMENTATION AND POWER CABLES	AECICFR6 *
	INSTALLATION REQUIREMENTS FOR THE	SEISMIC CONSIDERATIONS FOR NUCLEAR POWER REACTOR	ASA N4-3B
S.		SELECTED BIBLIOGRAPHY OF RADIATION PROTECTION OR	ANS-2U
GANIZATIONS		SEMICONDUCTOR DETECTORS	BIBLIO-1
	METHODS OF TESTING	SEMICONDUCTOR DETECTORS	ASA N3E
	METHODS OF TESTING ELECTRONICS FOR	SEMICONDUCTOR DETECTORS	ASA N3F
	STANDARD TEST PROCEDURES,	SEMICONDUCTOR RADIATION DETECTORS	IEEE-3C
	STANDARD TEST PROCEDURES, ELECTRONICS FOR	SEMICONDUCTOR RADIATION DETECTORS	IEEE-3D
	TEST PROCEDURES -	SEMICONDUCTOR RADIATION DETECTORS	USASI-N42E
	TEST PROCEDURES - ELECTRONICS FOR	SEMICONDUCTOR RADIATION DETECTORS	USASI-N42F
NENTS AND SYSTEMS - SPECIFIC INSTRUMENTATION PERFORMANCE,		SENSITIVITY AND RELIABILITY /TE MANAGEMENT COMPO	ASA N5-2K
CHEMICAL PROCESSING IN THE CHEMICAL		SEPARATION OF ISOTOPES	ASA N5-3B
RADIONUCLIDE STANDARDIZATION, ENVIRONMENTAL HEALTH		SERIES	BIBLIO-15
CARBON STEEL FORGINGS FOR HIGH TEMPERATURE		SERVICE	AECROTM105
SEAMLESS CARBON STEEL PIPE FOR HIGH TEMPERATURE		SERVICE	AECROTM106
ALLOY STEEL BOLTING MATERIALS FOR HIGH TEMPERATURE		SERVICE	AECROTM320
ALLOY STEEL FORGINGS FOR HIGH TEMPERATURE		SERVICE	AECROTM336
ELECTRICAL POWER SYSTEMS FOR NUCLEAR		SERVICE	ASA N4-2A

REGULATIONS APPLYING TO RAIL CARRIERS IN BAGGAGE	SERVICE	ICC49CFR76*
MATERIALS FOR INSTRUMENTS IN RADIATION	SERVICE	ISA-RP25.1*
ATION FOR SEAMLESS CARBON STEEL PIPE FOR HIGH TEMPERATURE	SERVICE	SPECIFIC ASTM-A-106*
ON FOR ALLOY STEEL BOLTING MATERIALS FOR HIGH TEMPERATURE	SERVICE	SPECIFICATI ASTM-A-193*
AINLESS STEEL CASTINGS FOR HIGH TEMPERATURE AND CORROSIVE	SERVICE	AUSTENITIC ST AECRODTMA351
OR ELECTRIC FUSION WELDED STEEL PIPE FOR HIGH TEMPERATURE	SERVICE	SPECIFICATION F ASTM-A-155*
RITIC AND AUSTENITIC STEEL CASTINGS FOR HIGH TEMPERATURE	SERVICE	SPECIFICATION FOR FE ASTM-A-351*
RIFUGALLY CAST AUSTENITIC STEEL PIPE FOR HIGH TEMPERATURE	SERVICE	SPECIFICATION FOR CENT ASTM-A-451*
- SHEATHED CORROSION RESISTANT THERMOCOUPLES FOR NUCLEAR	SERVICE	SPECIFICATION FOR METAL ASTM-E-235*
AND WELDED AUSTENITIC STAINLESS STEEL TUBING FOR GENERAL	SERVICE	SPECIFICATION FOR SEAMLESS ASTM-A-269*
USTENITIC STEEL PIPE FOR HIGH TEMPERATURE CENTRAL STATION	SERVICE	SPECIFICATION FOR SEAMLESS A ASTM-A-376*
LY CAST AUSTENITIC COLE WROUGHT PIPE FOR HIGH TEMPERATURE	SERVICE	SPECIFICATION FOR CENTRIFUGAL ASTM-A-452*
ANC ZIRCONIUM ALLOY SEAMLESS AND WELDED TUBES FOR NUCLEAR	SERVICE	SPECIFICATION FOR WROUGHT ZIRCONIUM ASTM-B-353*
EEL NUTS FOR BOLTS FOR HIGH PRESSURE AND HIGH TEMPERATURE	SERVICE	SPECIFICATION FOR CARBON AND ALLOY ST ASTM-A-194*
ORGED FITTINGS, AND VALVES AND PARTS FOR HIGH TEMPERATURE	SERVICE /	FORGED OR ROLLED STEEL PIPE FLANGES, F ASTM-A-105*
ED PRESSURE VESSELS FOR ATMOSPHERIC AND LOWER TEMPERATURE	SERVICE /	CIATE TENSILE STRENGTH FOR FISSION WELD ASTM-A-516*
FORGED FITTINGS AND VALVES AND PARTS FOR HIGH TEMPERATURE	SERVICE /	EC OR ROLLED ALLOY STEEL PIPE FLANGES, ASTM-A-182*
C CHROMIUM - NICKEL ALLOY STEEL PIPE FOR HIGH TEMPERATURE	SERVICE /	CN FOR ELECTRIC FUSION WELDED AUSTENITI ASTM-A-358*
PRESSURE VESSELS FOR INTERMEDIATE AND HIGHER TEMPERATURE	SERVICE /	TH FOR FISSION WELDED BOILERS AND OTHER ASTM-A-515*
WALL PENETRATIONS FOR MANIPULATORS, VIEWING DEVICES, AND	SERVICE	PENETRATIONS SHIELDING
F PUMPS FOR NUCLEAR POWER	CCOE FOR IN	SERVICE TESTING AND INSPECTION FOR PERFORMANCE O ASME-2D
THE NSF STANDARD RELATING TO FILM RAGE	SERVICES	NSF 16 *
GUIDE TO RECORDS FOR HEALTH	SERVICES IN SMALL INDUSTRIES	ACGIH-C
MINISTRATIVE PRACTICES IN RADIATION MONITORING, BIC-ASSAY	SERVICES, AND PERSONNEL COSIMETRY	AD ASA N2-6A
E TO HIGH ENERGY NUCLEAR / METHODS OF TESTING COMPRESSION	SET INCUCED IN VULCANIZING RUBBER DURING EXPOSUR	ASTM-D2309*
NICKEL - CHROMIUM - IRON ALLOY, AGE HARDENABLE WROUGHT	SHAPES	AECRODTMA461
COBALT - CHROMIUM ALLOY, BARS AND	SHAPES	AECRODTMA341
SELS STAINLESS AND HEAT RESISTANT STEEL BARS AND	SHAPES FOR USE IN BOILERS AND OTHER PRESSURE VES	AECRODTMA479
UCLEAR SERVICE	SHEATHED CORROSION RESISTANT THERMOCOUPLES FOR N	ASTM-E-235*
NICKEL - CHROME - IRON ALLOY PLATE	SHEET AND STRIP	AECRODTM8168
SPECIFICATION FOR TITANIUM AND TITANIUM ALLOY STRIP,	SHEET, AND PLATE	ASTM-B-265*
SPECIFICATION FOR NICKEL - CHROMIUM - IRON ALLOY PLATE,	SHEET, AND STRIP	ASTM-B-168*
/ON RESISTING CHROMIUM AND CHROMIUM - NICKEL STEEL PLATE,	SHEET, AND STRIP FOR FUSION WELDED UNFIRED PRES/	ASTM-A-240*
SPECIFICATION FOR COLUMBIUM AND COLUMBIUM ALLOY STRIP,	SHEET, FOIL AND PLATE	ASTM-B-393*
STAINLESS STEEL - PLATE,	SHEET, STRIP	AECRODTMA240
SPECIFICATION FOR ZIRCONIUM AND ZIRCONIUM ALLOY	SHEET, STRIP, AND PLATE FOR NUCLEAR APPLICATIONS	ASTM-B-352*
RECOMMENDED DATA FOR	SHIELD DESIGN	ANS-72
STANDARD	SHIELDING CALCULATIONS	ANS-68
INSTALLATIONS	SHIELDING CALCULATIONS	ANS-6C
INSTALLATIONS	SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR I	NBS-97 *
INSTALLATIONS	SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR I	NCRP-5B *
	SHIELDING FOR HIGH ENERGY ELECTRON ACCELERATOR I	NCRP-12
	SHIELDING FOR PARTICLE ACCELERATORS	NCRP-22
	SHIELDING IN NUCLEAR REACTOR PLANTS	ANS-6D
	SHIELDING NUCLEAR RADIATION	ASCE-4C
	SHIELDING TERMINOLOGY	ANS-6F
EWING DEVICES, AND SERVICE PENETRATIONS	SHIELDING WALL PENETRATIONS FOR MANIPULATORS, VI	ANS-11A
SPECIAL MATERIALS FOR USE IN REACTOR	SHIELDS	ANS-6E
SAFETY AND HEALTH REGULATIONS FOR	SHIP REPAIRING	DL29CF1501*
SAFETY AND HEALTH REGULATIONS FOR	SHIPBUILDING	DL29CF1502*
SEALING, PACKAGING, PACKING AND MARKING OF COMPONENTS FOR	SHIPMENT AND STORAGE	AECRODT5910
PROTECTION AGAINST RADIATION IN THE	SHIPMENT OF IRRADIATED FUEL ELEMENTS	AECICCFR72*
CRITERIA FOR CONTAINERS FOR THE	SHIPMENT OF NUCLEAR MATERIALS	AIF-K
STANDARD ON PACKAGING AND	SHIPMENT OF RADIOACTIVE MATERIALS	AAR-BEFTI9*
TECT AGAINST ACCIDENTAL CONDITIONS OF CRITICALITY IN THE	SHIPMENT OF RADIOACTIVE WASTE	ASA N5-5D
RD FOR STEEL DRUMS WITH VARIABLE INNER LINERS FOR CLASS-I	SHIPMENT OF SPECIAL NUCLEAR MATERIAL /IONS TO PR	AECICCFR71*
TE CARRIERS BY PUBLIC HIGHWAY	SHIPMENTS	INNM-D
OF UNIRRADIAT/ PROCEDURES FOR FUEL PROCESSORS TO MINIMIZE	SHIPMENTS MADE BY WAY OF COMMON CONTACT OR PRIVA	ICC49CFR77*
REGULATIONS APPLYING TO	SHIPPER VS RECEIVER DIFFERENCES IN THE RECOVERY	AIF-G
	SHIPPERS	ICC49CFR73*
	SHIPPING CONTAINER SPECIFICATIONS	ICC49CFR78*
	SHIPPING CONTAINERS FOR IRRADIATED SOLID FUEL	ANS-7F
OM N/ AMERICAN STANDARD GUIDE FOR DESIGN AND OPERATION OF	SHIPPING CONTAINERS FOR IRRADIATED SOLID FUEL FR	ASA N5-5B *
OM NUCLEAR REACTORS	SHIPPING CONTAINERS FOR IRRADIATED SOLID FUEL FR	USASI-NI4B*
	SHIPPING CONTAINERS FOR URANIUM HEXA FLUORIDE	ANS-EF
	SHIPS	ABS *
	SHIPS	NAS-E1 *
	SHIPS	S SNAPE-B *
	SHIPS /ONS AFFECTING THE DESIGN AND INSTALLATION	SNAPE-A
	SIGNAL	ASA N2-18
	SIGNAL	USASI-NI2C
	SIGNAL CONNECTORS FOR NUCLEAR INSTRUMENTS	ASA N3C
ABSORBERS IN SOLUTIONS OF FISSION MATERIALS	SILICATE - GLASS RASCHIG RINGS AS FIXED NEUTRON	USASI-NI6B
ABSORBER IN SOLUTIONS OF FISSION MATERIAL	SILICATE GLASS RASCHIG RINGS AS A FIXED NEUTRON	ANS-8C
RE VESSELS	SILICON STEEL PLATES FOR BOILER AND OTHER PRESS	AECRODTMA516
URE VES/ SPECIFICATION FOR HIGH TENSILE STRENGTH CARBON	SILICON STEEL PLATES FOR BOILERS AND OTHER PRESS	ASTM-A-212*
YSTEMS	SINGLE FAILURE CRITERION TO REACTOR PROTECTIVE S	IEEE-1B
	SINTERABLE	ASA N5-1B *
	SINTERABLE	ASA N5-1G
	SINTERABLE	ASA N5-1I
	SINTERABLE	USASI-NI1B*
	SITE CRITERIA	AECICCF100*
	SITE CRITERIA FOR RADIOCHEMICAL PLANTS	ASA N5-3A
AVIOR	SITE EVALUATION CONSIDERING ABNORMAL REACTOR BEH	ANS-2A
	SKIN SURFACES	ASA N7-7B
66-APR.1967	SOCIETY STANDARDS COMMITTEE FOR THE PERIOD NOV.19	BTB10-20
	SOLID FUEL	ANS-7F
ESIGN AND OPERATION OF SHIPPING CONTAINERS FOR IRRADIATED	SOLID FUEL FROM NUCLEAR REACTORS	GUIDE FOR D USASI-NI4B*
ESIGN AND OPERATION OF SHIPPING CONTAINERS FOR IRRADIATED	SOLID FUEL FROM NUCLEAR REACTORS /RD GUIDE FOR D	ASA N5-5B *
	SOLID FUEL MATERIALS	ASA N5-1P
UCLEAR / CURRENT PRACTICES IN THE HANDLING AND STORAGE OF	SOLID RADIOACTIVE WASTES FROM THE OPERATION OF N	ASA N5-2D *
MATERIAL	USE OF	ANS-EE
	SOLUTIONS	ASTM-E-318*

THOD FOR COLORIMETRIC DETERMINATION OF URANIUM IN AQUEOUS SOLUTIONS	ME	ASTM-E-245*
FOR RADIOCHEMICAL DETERMINATION OF CESIUM-137 IN AQUEOUS SOLUTIONS	METHOD	ASTM-E-198*
FOR RADIOCHEMICAL DETERMINATION OF CESIUM-137 IN AQUEOUS SOLUTIONS (CHLOROPLATINATE METHOD)	METHOD	ASTM-E-218*
LICATE GLASS RASCHIG RINGS AS A FIXED NEUTRON ABSORBER IN SOLUTIONS OF FISSILE MATERIAL	USE OF BORO SI	ANS-EC
ICATE - GLASS RASCHIG RINGS AS FIXED NEUTRON ABSORBERS IN SOLUTIONS OF FISSILE MATERIALS	USE OF BORO SI	USASI-N16B
IATION GUIDE TO PRACTICE IN TRANSPORTATION OF SOURCE AND SPECIAL NUCLEAR MATERIAL BEFORE IRRAD		USASI-N14A*
AMERICAN STANDARD GUIDE TO PRACTICE IN TRANSPORTATION OF SOURCE AND SPECIAL NUCLEAR MATERIALS BEFORE IRRAD		ASA N5-5A *
PROC/ GUIDE FOR NUCLEAR MATERIALS CONTROL MEASUREMENT OF SOURCE AND SPECIAL NUCLEAR MATERIALS IN CHEMICAL		ASA N5-3E
STANDARD FOR SOURCE CERTIFICATION FOR UNSEALED SOURCES		ASA N5-4F
LICENSING OF SOURCE MATERIAL		AECICCFR40*
SEALED SOURCE STANDARD		ASA N5-4D
STANDARD FOR UNSEALED SOURCES		ASA N5-4E
STANDARD FOR SOURCE CERTIFICATION FOR UNSEALED SOURCES		ASA N5-4F
LONG-TERM EFFECTS OF IONIZING RADIATIONS FROM EXTERNAL SOURCES		NAS-B4 *
SAFE DESIGN AND USE OF INDUSTRIAL BETA-RAY SOURCES		NBS-66 *
PROTECTION AGAINST RADIATIONS FROM SEALED GAMMA SOURCES		NBS-73 *
SAFETY STANDARD FOR NON MEDICAL X-RAY AND GAMMA-RAY SOURCES		NBS-93 *
PROTECTION AGAINST RADIATION FROM SEALED GAMMA SOURCES		NCRP-9 *
SAFE DESIGN AND USE OF INDUSTRIAL BETA-RAY SOURCES		USASI-N43B*
NDARD SAFETY STANDARD FOR NON MEDICAL X-RAY AND GAMMA-RAY SOURCES	AMERICAN STA	ASA 254-1A*
AFETY STANDARD FOR NON MEDICAL X-RAY AND SEALED GAMMA-RAY SOURCES	I. GENERAL	USASI-N43A*
ESSING, AND H/ FOOD ADDITIVES G. RADIATION AND RADIATION SOURCES INTENDED FOR USE IN THE PRODUCTION, PROC		FOA21CF121*
PERMISSIBLE DOSE FROM EXTERNAL SOURCES OF IONIZING RADIATION		NDG 57 *
PERMISSIBLE DOSES FROM EXTERNAL SOURCES OF IONIZING RADIATION		NCRP-1 *
INDUSTRIAL BETA-RAY SOURCES, SAFE DESIGN AND USE		ASA 254-8A*
NASAS KENNEDY SPACE CENTER RADIOLOGICAL SAFETY HANDBOOK		BIBLIO-17
RADIOBIOLOGICAL FACTORS IN PACKED SPACE FLIGHT		BIBLIO-32
NUCLEAR SPACE PROGRAM		AIF-G
SPACE SAFETY		AIF-H
METHOD FOR MEASUREMENT OF LATTICE SPACING OF NUCLEAR GRAPHITE		ASTM-C-558*
COMPONENTS GUIDE FOR SPECIFYING CLEANLINESS OF NUCLEAR REACTOR SYSTEM		ANS-7*
RECOMMENDED PRACTICE FOR EXPOSURE OF ADHESIVE SPECIMENS TO HIGH ENERGY RADIATION		ASTM-D1879*
MEASUREMENT OF NEUTRON FLUX AND SPECTRA FOR PHYSICAL AND BIOLOGICAL APPLICATIONS		NBS-72 *
MEASUREMENT OF NEUTRON FLUX AND SPECTRA FOR PHYSICAL AND BIOLOGICAL APPLICATIONS		NCRP-19 *
OF TEST FOR ATOM PER CENT FISSION IN URANIUM FUEL (MASS SPECTROGRAPHIC METHOD)	METHOD	ASTM-E-244*
NTAL GAMMA RADIATION SPECTROMETRIC TECHNIQUES FOR MEASURING ENVIRONME		BIBLIO-14
SPECIFICATION FOR TITANIUM SPONGE		ASTM-B-299*
SPECIFICATION FOR PRIMARY HAFNIUM METAL SPONGE AND OTHER FORMS		ASTM-B-414*
E - IRON ALLOY SPRINGS - HELICAL, AGE HARDENABLE NICKEL - CHROM		AECRODTMM335
COLOR CODE FOR SS MATERIAL		INMM-A
STANDARD FOR SAFETY EVALUATION OF REACTOR STABILITY AND CONTROL		ASA N6-4A
MENTS FOR WATER COOLED, ROD TYPE, OXIDE FUELED STATIONARY STABILITY, CONTROL AND PROTECTION SYSTEM REQUIRE		ANS-4A
ES FOR USE IN BOILERS AND OTHER PRESSURE VESSELS STAINLESS AND HEAT RESISTANT STEEL BARS AND SHAP		AECRODTMA479
C CORROSIVE SERVICE STAINLESS AND HEAT RESISTING STEEL FORGINGS		AECRODTMA182
VOLVING FISSILE MATERIAL STAINLESS STEEL - PLATE, SHEET, STRIP		AECRODTMA240
AUSTENITIC STAINLESS STEEL CASTINGS FOR HIGH TEMPERATURE AN		AECRODTMA351
USE OF STAINLESS STEEL CONTAINING BORON IN PROCESSES IN		ANS-ED
SEAMLESS AUSTENITIC STAINLESS STEEL PIPE		AECRODTMA376
SPECIFICATION FOR SEAMLESS AND WELDED AUSTENITIC STAINLESS STEEL PIPE		ASTM-A-312*
SEAMLESS AUSTENITIC STAINLESS STEEL TUBES		AECRODTMA213
SPECIFICATION FOR SEAMLESS AND WELDED AUSTENITIC STAINLESS STEEL TUBING FOR GENERAL SERVICE		ASTM-A-269*
967 REPORT OF ACTIVITIES OF AMERICAN NUCLEAR SOCIETY STANDARDS COMMITTEE FOR THE PERIOD NOV.1966-APR.1		BIBLIO-20
RAL INFORMATION STATEMENT OF ORGANIZATION, DELEGATIONS, AND GENE		AECICCFR1 *
OR THE DEVELOPMENT AND MAINTENANCE OF NUCLEAR POWER PLANT STATION RECORDS FOR POWER AND EXPOSURE GUIDE F		INMM-F-A
AMLESS AUSTENITIC STEEL PIPE FOR HIGH TEMPERATURE CENTRAL STATION SERVICE		ASTM-A-376*
ICAL PENETRATION ASSEMBLIES IN CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR POWER REACTORS	ELECTR	IEEE-2A
ATION AND MAINTENANCE OF STEEL CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR POWER REACTORS /ESIGN, FABRIC		USASI-N18A*
N, AND MAINTENANCE OF CONCRETE CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR POWER REACTORS /N, FABRICATIO		ASCE-5
TION, AND MAINTENANCE OF STEEL CONTAINMENT STRUCTURES FOR STATIONARY NUCLEAR POWER REACTORS /SIGN, FABRICA		ASA N6-2A *
TEM REQUIREMENTS FOR WATER COOLED, ROD TYPE, OXIDE FUELED STATIONARY POWER REACTORS /OL AND PROTECTION SYS		ANS-4A
ADIOACTIVE MATERIAL TO THE ATMOSPHERE STATUS OF ACTIVITIES IN NUCLEAR STANDARDS		BIBLIO-4
POWER TEST CODE FOR NUCLEAR CASTINGS, CARBON STEEL		BIBLIO-30
ELECTRODES AND RODS - WELDING, BASE LOW AND MEDIUM CARBON STEEL FITTINGS, CARBON STEEL		APCA
STEEL - PLATE, SHEET, STRIP STEAM GENERATOR		AECROTE3
LOW CARBON, CHROMIUM STEEL (TYPE 403) PRESSURE VESSELS FORGINGS STEAM SUPPLY SYSTEMS		ASME-2A
LOW CARBON CHROMIUM STEEL (403)		AECRODTMA216
L STEEL WELDING RODS AND BARE ELECTRODES MILD STEEL AND CORROSION - RESISTING CHROMIUM - NICKEL		AECRODTMA234
CTO/ ADDITIONAL REQUIREMENTS FOR HEAT TREATMENT OF CARBON STEEL (TYPE 403)		AECRODTMM336
/REMENTS FOR HEAT TREATMENT OF CARBON STEEL AND LOW ALLOY STEEL AS FABRICATED INTO REACTOR AND OTHER PRES/		AECRODTMA240
RECIPITATION HARDENING CHROMIUM - NICKEL STEEL BARS AND FORGINGS, CORROSION - RESISTANT P		AECRODTMA473
ER PRESSURE VESSELS STAINLESS AND HEAT RESISTANT STEEL BARS AND SHAPES FOR USE IN BOILERS AND OTH		AECRODTMA276
/ECIFICATION FOR SEAMLESS FERRITIC AND AUSTENITIC ALLOY - STEEL BOILER, SUPERHEATER, AND HEAT EXCHANGER T/		AECRODTMA371
CONDENSER TUBES SPECIFICATION FOR WELDED AUSTENITIC STEEL BOILER, SUPERHEATER, HEAT EXCHANGER, AND C		AECRODT5941
VICE ALLCY STEEL BOLTING MATERIALS FOR HIGH TEMPERATURE SER		AECRODTMM325
VICE SPECIFICATION FOR ALLCY STEEL BOLTING MATERIALS FOR HIGH TEMPERATURE SER		AECRODTMA479
C SERVICE AUSTENITIC STAINLESS STEEL CASTINGS FOR HIGH TEMPERATURE AND CORROSI		ASTM-A-213*
SPECIFICATION FOR FERRITIC AND AUSTENITIC STEEL CASTINGS FOR HIGH TEMPERATURE SERVICE		ASTM-A-249*
SSILE MATERIAL USE OF STAINLESS STEEL CONTAINING BORON IN PROCESSES INVOLVING FI		AECRODTMA320
/STANDARD FOR THE DESIGN, FABRICATION, AND MAINTENANCE OF STEEL CONTAINMENT STRUCTURES FOR STATIONARY NUC/		ASTM-A-193*
/ITY STANDARD FOR DESIGN, FABRICATION AND MAINTENANCE OF STEEL CONTAINMENT STRUCTURES FOR STATIONARY NUC/		AECRODTMA351
CORROSION - RESISTANT CHROMIUM AND CHROMIUM - NICKEL STEEL COVERED WELDING ELECTRODES		ASTM-A-351*
-I SHIPMENTS STANDARD FOR STEEL DRUMS WITH VARIABLE INNER LINERS FOR CLASS		ANS-ED
THOD OF MAGNETIC PARTICLE TESTING AND INSPECTION OF HEAVY STEEL FORGINGS		ASA N6-2A *
D PRACTICE FOR ULTRASONIC TESTING AND INSPECTION OF HEAVY STEEL FORGINGS	ME	USASI-N18A*
CARBON STEEL FORGINGS FOR HIGH TEMPERATURE SERVICE	RECOMMENDE	AECRODTMA298
ALLCY STEEL FORGINGS FOR HIGH TEMPERATURE SERVICE		ASCE-4B
		INMM-D
		AECRODTMA182
		ASTM-A-275*
		ASTM-A-388*
		AECRODTMA105
		AECRODTMA336

QUENCHED AND TEMPERED ALLOY	STEEL FORGINGS FOR PRESSURE VESSEL COMPONENTS	AECRDTMA541
QUENCHED AND TEMPERED VACUUM - TREATED CARBON AND ALLOY	STEEL FORGINGS FOR PRESSURE VESSELS	AECRDTMA508
TEMPERATURE SERVICE SPECIFICATION FOR CARBON AND ALLOY	STEEL NUTS FOR BOLTS FOR HIGH PRESSURE AND HIGH	ASTM-A-194*
SEAMLESS AUSTENITIC STAINLESS	STEEL PIPE	AECRDTMA376
SPECIFICATION FOR SEAMLESS AND WELDED AUSTENITIC STAINLESS	STEEL PIPE	ASTM-A-312*
ND PARTS FOR HIGH TEMPERATURE SERVICE	STEEL PIPE FLANGES, FORGED FITTINGS AND VALVES	ASTM-A-182*
AND PARTS FOR HIGH TEMPERATURE SERVICE	STEEL PIPE FLANGES, FORGED FITTINGS, AND VALVES	ASTM-A-105*
SPECIFICATION FOR SEAMLESS AUSTENITIC	STEEL PIPE FOR HIGH TEMPERATURE CENTRAL STATION	ASTM-A-376*
SEAMLESS CARBON	STEEL PIPE FOR HIGH TEMPERATURE SERVICE	AECRDTMA106
SPECIFICATION FOR SEAMLESS CARBON	STEEL PIPE FOR HIGH TEMPERATURE SERVICE	ASTM-A-106*
SPECIFICATION FOR ELECTRIC FUSION WELDED	STEEL PIPE FOR HIGH TEMPERATURE SERVICE	ASTM-A-155*
SPECIFICATION FOR CENTRIFUGALLY CAST AUSTENITIC	STEEL PIPE FOR HIGH TEMPERATURE SERVICE	ASTM-A-451*
ELECTRIC FUSION WELDED AUSTENITIC CHROMIUM - NICKEL ALLOY	STEEL PIPE FOR HIGH TEMPERATURE SERVICE /ON FOR	ASTM-A-358*
LS MANGANESE - MOLYBDENUM - NICKEL	STEEL PLATE FOR BOILERS AND OTHER PRESSURE VESSELS	AECRDTMA533
FOR CORROSION RESISTING CHROMIUM AND CHROMIUM - NICKEL	STEEL PLATE, SHEET, AND STRIP FOR FUSION WELDED	ASTM-A-240*
LS HIGH TENSILE STRENGTH CARBON SILICON	STEEL PLATES FOR BOILER AND OTHER PRESSURE VESSELS	AECRDTMA516
SPECIFICATION FOR HIGH TENSILE STRENGTH CARBON - SILICON	STEEL PLATES FOR BOILERS AND OTHER PRESSURE VESSELS	ASTM-A-212*
SPECIFICATION FOR MANGANESE - MOLYBDENUM - NICKEL	STEEL PLATES FOR PRESSURE VESSELS	ASTM-A-302*
ND SPECIFICATION FOR ULTRASONIC TESTING AND INSPECTION OF	STEEL PLATES OF FIREBOX AND HIGHER QUALITY /OD A	ASTM-A-435*
R FISSION WELDED BOILERS AND OT/ SPECIFICATION FOR CARBON	STEEL PLATES OF INTERMEDIATE TENSILE STRENGTH FOR	ASTM-A-515*
R FISSION WELDED PRESSURE VESSEL/ SPECIFICATION FOR CARBON	STEEL PLATES OF INTERMEDIATE TENSILE STRENGTH FOR	ASTM-A-516*
SPECIFICATION FOR ALLOY	STEEL SEAMLESS DRUM FORGINGS	ASTM-A-336*
SEAMLESS AUSTENITIC STAINLESS	STEEL TUBES	AECRDTMA213
PECIFICATION FOR SEAMLESS AND WELDED AUSTENITIC STAINLESS	STEEL TUBING FOR GENERAL SERVICE	ASTM-A-269*
WROUGHT SEAMLESS AUSTENITIC	STEEL WELDING FITTINGS AND FLANGES	AECRDTMA403
MILD STEEL AND CORROSION - RESISTING CHROMIUM - NICKEL	STEEL WELDING RODS AND BARE ELECTRODES	AECRDTMA371
LOW ALLOY	STEEL, ARC WELDING ELECTRODES	AECRDTMA233
SPECIFICATION FOR NUCLEAR GRADE URANIUM METAL MELT	STEEL, COVERED, ARC WELDING ELECTRODES	AECRDTMA316
SPECIFICATION FOR UNALLOYED URANIUM MELTING	STCCCK	ASA N5-1A *
SPECIFICATION FOR NUCLEAR GRADE METAL MELT	STCCCK	ASTM-B-420*
	STCCCK	USAST-N11A*
	STOPPING POWERS FOR USE WITH CAVITY CHAMBERS	NBS-79 *
	STOPPING POWERS FOR USE WITH CAVITY CHAMBERS	NCRP-21 *
AGING, PACKING AND MARKING OF COMPONENTS FOR SHIPMENT AND	STORAGE PREPARATION FOR SEALING, PACK	AECRDT591D
FIREPROOFING OF	STORAGE CONTAINERS FOR RADIOACTIVE MATERIALS	ASA N2-58
TYPE B DESIGN GUIDE FOR RADICACTIVE	STORAGE FACILITIES FOR RADIOISOTOPE LABORATORY,	ASA N5-48
S OR SUBSTANCES AND COMBUSTIBLE LIQUID/ TRANSPORTATION OR	STORAGE OF EXPLOSIVES OR OTHER DANGEROUS ARTICLE	CG46CF146 *
RATION OF NUCLEAR / CURRENT PRACTICES IN THE HANDLING AND	STORAGE OF SOLID RADIOACTIVE WASTES FROM THE OPE	ASA N5-20 *
OR DESIGN AND CONSTRUCTION OF LARGE, WELDED, LOW PRESSURE	STORAGE TANKS	API-620 *
PRELOADING THREADED FASTENERS BY TORQUING OR THERMAL	STRAINING	AECRDT5915
RS AND OTHER PRESSURE VESSEL/ SPECIFICATION FOR HIGH TENSILE	STRENGTH CARBON - SILICON STEEL PLATES FOR BOILER	ASTM-A-212*
AND OTHER PRESSURE VESSELS	STRENGTH CARBON SILICON STEEL PLATES FOR BOILER	AECRDTMA516
/FICATION FOR CARBON STEEL PLATES OF INTERMEDIATE TENSILE	STRENGTH FOR FISSION WELDED BOILERS AND OTHER P/	ASTM-A-515*
/FICATION FOR CARBON STEEL PLATES OF INTERMEDIATE TENSILE	STRENGTH FOR FISSION WELDED PRESSURE VESSELS FOR	ASTM-A-516*
STAINLESS STEEL - PLATE, SHEET, STRIP	STRIP	AECRDTMA240
NICKEL - CHROME - IRON ALLOY PLATE SHEET AND	STRIP	AECRDTMB168
TION FOR NICKEL - CHROMIUM - IRON-ALLOY PLATE, SHEET, AND	STRIP	ASTM-B-168*
/G CHROMIUM AND CHROMIUM - NICKEL STEEL PLATE, SHEET, AND	STRIP FOR FUSION WELDED UNFIRED PRESSURE VESSEL/	ASTM-A-240*
SPECIFICATION FOR ZIRCONIUM AND ZIRCONIUM ALLOY SHEET,	STRIP, AND PLATE FOR NUCLEAR APPLICATIONS	ASTM-B-352*
SPECIFICATION FOR TITANIUM AND TITANIUM ALLOY	STRIP, SHEET, AND PLATE	ASTM-B-265*
SPECIFICATION FOR COLUMBIUM AND COLUMBIUM ALLOY	STRIP, SHEET, FOIL AND PLATE	ASTM-B-393*
RADIOACTIVE ELEMENTS IN MAN (DOSIMETRY MODELS FOR	STRONTIUM)	NCRP-23
TEST FOR RADICACTIVE	STRONTIUM IN INDUSTRIAL WATER AND INDUSTRIAL WAS	ASTM-D1944*
INATON PROTECTIVE ACTION GUIDES FOR ENVIRONMENTAL	STRONTIUM-89, STRONTIUM-90 AND CESIUM-137 CONTAM	FRC 7 *
PLICATIONS TO MAN OF IRRADIATION BY INTERNALLY DEPOSITED	STRONTIUM-89, STRONTIUM-90, AND CESIUM-137	IAS-H-A *
PROTECTIVE ACTION GUIDES FOR ENVIRONMENTAL STRONTIUM-89,	STRONTIUM-90 AND CESIUM-137 CONTAMINATION	FRC 7 *
MAN OF IRRADIATION BY INTERNALLY DEPOSITED STRONTIUM-89,	STRONTIUM-90, AND CESIUM-137	IAS-H-A *
RECOMMENDED PRACTICE FOR SURVEILLANCE TESTS ON	STRUCTURAL MATERIALS IN NUCLEAR REACTORS	ASTM-E-185*
RIA FOR REINFORCED CONCRETE REACTOR CONTAINER AND NUCLEAR	STRUCTURES	CRITE ACI
RIA FOR REINFORCED CONCRETE REACTOR CONTAINER AND NUCLEAR	STRUCTURES	CRITE
LEAKAGE RATE TESTING OF CONTAINMENT	STRUCTURES FOR NUCLEAR REACTORS	ASA N6-28
/ESIGN, FABRICATION, AND MAINTENANCE OF STEEL CONTAINMENT	STRUCTURES FOR STATIONARY NUCLEAR POWER REACTOR/	ANS-7P
/GN, FABRICATION, AND MAINTENANCE OF CONCRETE CONTAINMENT	STRUCTURES FOR STATIONARY NUCLEAR POWER REACTOR/	ASA N6-2A *
/DESIGN, FABRICATION AND MAINTENANCE OF STEEL CONTAINMENT	STRUCTURES FOR STATIONARY NUCLEAR POWER REACTOR/	ASCE-5
ELECTRICAL PENETRATION ASSEMBLIES IN CONTAINMENT	STRUCTURES FOR STATIONARY NUCLEAR POWER REACTORS	USAST-N18A*
PROBLEMS ASSOCIATED WITH THE TRANSPORTATION OF RADICACTIVE	SUBSTANCES /CAL, BIOLOGICAL AND ADMINISTRATIVE P	IEEE-8
PROBLEMS ASSOCIATED WITH THE TRANSPORTATION OF RADICACTIVE	SUBSTANCES /CAL, BIOLOGICAL AND ADMINISTRATIVE P	BIBLIO-8
/ OR STORAGE OF EXPLOSIVES OR OTHER DANGEROUS ARTICLES OR	SUBSTANCES AND COMBUSTIBLE LIQUIDS ON BOARD VES/	NAS-63 *
SPECIFICATION OF RADIUM	SUBSTITUTES	CG46CF146 *
MOD FOR MEASURING FAST NEUTRON FLUX BY RADIOACTIVATION OF	SULFUR	NCRP-27
OR SEAMLESS FERRITIC AND AUSTENITIC ALLOY - STEEL BOILER,	SUPERHEATER, AND HEAT EXCHANGER TUBES /ICATION F	MET ASTM-E-265*
SPECIFICATION FOR WELDED ALSTENITIC STEEL BOILER,	SUPERHEATER, HEAT EXCHANGER, AND CONDENSER TUBES	ASTM-A-213*
STANDARD FOR VITAL POWER	SUPPLIES	ASTM-A-249*
EFFECTS OF ATOMIC RADIATION ON AGRICULTURE AND FOOD	SUPPLIES	ASA N4-3A
SAFETY AND HEALTH STANDARDS FOR FEDERAL	SUPPLY CONTRACTS - RADIATION	NAS-C
POWER TEST CODE FOR NUCLEAR STEAM	SUPPLY SYSTEMS	DL4ICFR50 *
RADIOISOTOPE RESEARCH	SUPPORT PROGRAM	ASPE-2A
	SURFACE WELDING RODS AND ELECTRODES	AECICFR37*
DECONTAMINATION OF UNBROKEN SKIN	SURFACES	AECRDTMA399
DECONTAMINATION OF OTHER	SURFACES	ASA N7-7B
RECOMMENDED PRACTICE FOR	SURVEILLANCE TESTS ON STRUCTURAL MATERIALS IN NU	ASA N7-7C
CHECK VALVE, HORIZONTAL	SWING	ASTM-E-185*
AMERICAN STANDARD RADIATION	SYMBOL	AECRDT10
AMERICAN STANDARD RADIATION	SYMBOL	ASA N2-1A *
NUCLEAR UNITS AND	SYMBOLS	USAST-N12B
VOLTS	PROTECTION AGAINST BETATRON -	ANS-9C
N VOLTS	PROTECTION AGAINST BETATRON -	NBS-55 *
	SYNCHROTRON RADIATIONS UP TO 100 MILLION ELECTRON	NCRP-5A *

N AND CONSTRUCTION OF LARGE, WELDED, LOW PRESSURE STORAGE TANKS	RECOMMENDED RULES FOR DESIGN	API-620 *
SPECIFICATION FOR TANTALUM INGOTS AND FLAT MILL PRODUCTS		ASTM-B-364*
SPECIFICATION FOR TANTALUM ROD AND WIRE		ASTM-B-365*
AIR TRANSPORT RESTRICTED ARTICLES	TARIFF	CAB
RADIATION PROTECTION IN TEACHING INSTITUTIONS		NCRP-15
E PREPARATION OF REGULATIONS FOR THE SAFE TRANSPORT OF R/	TECHNICAL STANDARDS TO BE USED AS A BASIS FOR THE	FIC
RRENT GUIDELINES ON RADIATION PROTECTION FOR/ ADEQUACY OF	TECHNICAL, BIOLOGICAL AND ECONOMIC FACTORS IN CU	FRC 2
GLOSSARY OF TERMS IN NUCLEAR SCIENCE AND TECHNOLOGY		USASI-N12A
AMERICAN STANDARD GLOSSARY OF TERMS IN NUCLEAR SCIENCE AND TECHNOLOGY		ASA N1A *
AMERICAN STANDARD GLOSSARY OF TERMS IN NUCLEAR SCIENCE AND TECHNOLOGY		ASA N2-48 *
AUSTENITIC STAINLESS STEEL CASTINGS FOR HIGH TEMPERATURE AND CORROSIVE SERVICE		AECRDTMA351
SPECIFICATION FOR SEAMLESS AUSTENITIC STEEL PIPE FOR HIGH TEMPERATURE CENTRAL STATION SERVICE		ASTM-A-376*
WELDED CORES	POSTSHUTDOWN HEAT GENERATION AND TEMPERATURE INCREASE RATES IN URANIUM DIOXIDE F	ANS-5F
CARBON STEEL FORGINGS FOR HIGH TEMPERATURE SERVICE		AECRDTMA105
SEAMLESS CARBON STEEL PIPE FOR HIGH TEMPERATURE SERVICE		AECRDTMA106
ALLOY STEEL BOLTING MATERIALS FOR HIGH TEMPERATURE SERVICE		AECRDTMA320
ALLOY STEEL FORGINGS FOR HIGH TEMPERATURE SERVICE		AECRDTMA336
SPECIFICATION FOR SEAMLESS CARBON STEEL PIPE FOR HIGH TEMPERATURE SERVICE		ASTM-A-106*
SPECIFICATION FOR ALLOY STEEL BOLTING MATERIALS FOR HIGH TEMPERATURE SERVICE		ASTM-A-193*
SPECIFICATION FOR ELECTRIC FUSION WELDED STEEL PIPE FOR HIGH TEMPERATURE SERVICE		SPE
ATION FOR FERRITIC AND AUSTENITIC STEEL CASTINGS FOR HIGH TEMPERATURE SERVICE		SPECIFIC
ION FOR CENTRIFUGALLY CAST AUSTENITIC STEEL PIPE FOR HIGH TEMPERATURE SERVICE		ASTM-A-451*
CENTRIFUGALLY CAST AUSTENITIC COLD WROUGHT PIPE FOR HIGH TEMPERATURE SERVICE		ASTM-A-452*
AND ALLOY STEEL NUTS FOR BOLTS FOR HIGH PRESSURE AND HIGH TEMPERATURE SERVICE	SPECIFICATION FOR CARBON	ASTM-A-194*
E FLANGES, FORCED FITTINGS, AND VALVES AND PARTS FOR HIGH TEMPERATURE SERVICE /	FORGED OR ROLLED STEEL PIPE	ASTM-A-105*
FISSION WELDED PRESSURE VESSELS FOR ATMOSPHERIC AND LOWER TEMPERATURE SERVICE /	DATE TENSILE STRENGTH FOR	ASTM-A-516*
PE FLANGES, FORGED FITTINGS AND VALVES AND PARTS FOR HIGH TEMPERATURE SERVICE /	ED OR ROLLED ALLOY STEEL PIPE	ASTM-A-182*
ED AUSTENITIC CHROMIUM - NICKEL ALLOY STEEL PIPE FOR HIGH TEMPERATURE SERVICE /	ON FOR ELECTRIC FUSION WELD	ASTM-A-358*
RS AND OTHER PRESSURE VESSELS FOR INTERMEDIATE AND HIGHER TEMPERATURE SERVICE /	TH FOR FISSION WELDED BOILER	ASTM-A-515*
L COMPONENTS	QUENCHED AND TEMPERED ALLOY STEEL FORGINGS FOR PRESSURE VESSELS	AECRDTMA501
FORGINGS FOR PRESSURE VESSELS	QUENCHED AND TEMPERED VACUUM - TREATED CARBON AND ALLOY STEEL	AECRDTMA508
OR BOILERS AND OTHER PRESSURE VESSELS / SPECIFICATION FOR HIGH TENSILE STRENGTH CARBON - SILICON STEEL PLATES FOR		ASTM-A-212*
BOILER AND OTHER PRESSURE VESSELS	HIGH TENSILE STRENGTH CARBON SILICON STEEL PLATES FOR	AECRDTMA516
OT/ SPECIFICATION FOR CARBON STEEL PLATES OF INTERMEDIATE TENSILE STRENGTH FOR FISSION WELDED BOILERS AND		ASTM-A-515*
SE/ SPECIFICATION FOR CARBON STEEL PLATES OF INTERMEDIATE TENSILE STRENGTH FOR FISSION WELDED PRESSURE VESSELS		ASTM-A-516*
SME CODE CONSTRUCTED NUCLEAR PRESSURE VESSELS	TENTATIVE REGULATORY SUPPLEMENTAL CRITERIA FOR A	AEC DRS-B
	SHIELDING	ANS-6F
	NUCLEAR TERMINOLOGY, REVISED	ANS-9A *
	INMM GLOSSARY OF TERMS	INMM-B
AMERICAN STANDARD GLOSSARY OF TERMS IN NUCLEAR SCIENCE AND TECHNOLOGY		ASA N1A *
AMERICAN STANDARD GLOSSARY OF TERMS IN NUCLEAR SCIENCE AND TECHNOLOGY		ASA N2-48 *
GLOSSARY OF TERMS IN NUCLEAR SCIENCE AND TECHNOLOGY		USASI-N12A
DEFINITION OF TERMS RELATING TO DOSIMETRY		ASTM-E-170*
	THERMAL INSULATION MATERIALS	AECRDTMA313
ES	METHOD FOR MEASURING THERMAL NEUTRON FLUX BY RADIOACTIVATION TECHNIQUE	ASTM-E-262*
	PRELOADING THREADED FASTENERS BY TORQUING OR THERMAL STRAINING	AECRDT5915
	SPECIFICATION FOR METAL - SHEATHED CORROSION RESISTANT THERMOCOUPLES FOR NUCLEAR SERVICE	ASTM-E-235*
	REFEREE METHODS FOR THE CHEMICAL ANALYSIS OF THORIUM BEARING FUELS	ASA N5-10
	REFEREE METHODS OF ANALYSIS FOR THORIUM COMPOUNDS	ASA N5-11*
	NUCLEAR GRADE THORIUM DIOXIDE COMPACTIBLE	ASA N5-1H
	NUCLEAR GRADE THORIUM DIOXIDE, SINTERABLE	ASA N5-1G
WATER	METHOD OF TEST FOR THORIUM IN INDUSTRIAL WATER AND INDUSTRIAL WASTE	ASTM-D2333*
	AMERICAN STANDARD FOR RADIATION PROTECTION IN THORIUM MILLS AND MINES (CONCENTRATORS)	ASA N7-18
ING	PRELOADING THREADED FASTENERS BY TORQUING OR THERMAL STRAINING	AECRDT5915
OF NEUTRON DOSE TO POLYMERIC MATERIALS AND APPLICATION OF THRESHOLD	FCIL MEASUREMENTS /ODS OF CALCULATION	ASTM-D2365*
	THRESHOLD LIMIT VALUES	ACGIH-D
	DOCUMENTATION OF THRESHOLD LIMIT VALUES	BIBLIO-31
	PATHOLOGICAL EFFECTS OF THYROID IRRADIATION	NAS-B *
	PATHOLOGICAL EFFECTS OF THYROID IRRADIATION (REVISED)	NAS-H-B *
ISOTOPES THROUGH THE BARRIER	DETERMINATION OF TIME VARIANT OVERPRESSURE AVAILABLE FOR DRIVING	ANS-51
	SPECIFICATION FOR TITANIUM AND TITANIUM ALLOY FORGINGS	ASTM-B-381*
	SPECIFICATION FOR TITANIUM AND TITANIUM ALLOY STRIP, SHEET, AND PLATE	ASTM-B-265*
	SPECIFICATION FOR TITANIUM AND TITANIUM ALLOY FORGINGS	ASTM-B-381*
ATE	SPECIFICATION FOR TITANIUM AND TITANIUM ALLOY STRIP, SHEET, AND PL	ASTM-B-265*
	SPECIFICATION FOR TITANIUM SPONGE	ASTM-B-299*
	SPECIFICATION FOR SEAMLESS AND WELDED UNALLOYED TITANIUM TUBING	ASTM-B-338*
	TOLL ENRICHMENT	AIF-A
	PRELOADING THREADED FASTENERS BY TORQUING OR THERMAL STRAINING	AECRDT5915
S A BASIS FOR THE PREPARATION OF REGULATIONS FOR THE SAFE	TRANSPORT OF RADIOACTIVE MATERIALS /TO BE USED A	FIC
	AIR TRANSPORT RESTRICTED ARTICLES TARIFF	CAB
ZEC MATERIALS	TRANSPORTATION OF DANGEROUS ARTICLES AND MAGNETIC	FAA14CF103*
ARTICLES	TRANSPORTATION OF EXPLOSIVES AND OTHER DANGEROUS	FAA14CFR49*
	REGULATIONS AND STANDARDS FOR THE TRANSPORTATION OF RADIOACTIVE MATERIALS	81BL10-10
IOLOGICAL AND ADMINISTRATIVE PROBLEMS ASSOCIATED WITH THE	TRANSPORTATION OF RADIOACTIVE SUBSTANCES /CAL, B	81BL10-8
IOLOGICAL AND ADMINISTRATIVE PROBLEMS ASSOCIATED WITH THE	TRANSPORTATION OF RADIOACTIVE SUBSTANCES /CAL, B	NAS-G3 *
AMERICAN STANDARD GUIDE TO PRACTICE IN TRANSPORTATION OF RADIOACTIVE WASTES		ASA N5-5C
ERIALS BEFORE IRRADIATION	TRANSPORTATION OF SOURCE AND SPECIAL NUCLEAR MATERIALS	ASA N5-5A *
ERIAL BEFORE IRRADIATION	TRANSPORTATION OF SOURCE AND SPECIAL NUCLEAR MATERIALS	USASI-N14A *
DANGEROUS ARTICLES OR SUBSTANCES AND COMBUSTIBLE LIQUID/	TRANSPORTATION OR STORAGE OF EXPLOSIVES OR OTHER	CG46CF146 *
STATUS OF PROPOSED	TRANSPORTATION REGULATION	81BL10-30
	TRANSPASSING ON COMMISSION PROPERTY	AEC10CF160*
TION FOR NICKEL - CHROMIUM - IRON ALLOY SEAMLESS PIPE AND	TUBE	ASTM-B-167*
TUBING INSPECTION AND WELDED TUBE TO TUBE JOINTS IN NUCLEAR REACTOR HEAT EXCHANGERS		ANS-7B
ANGERS	TUBE TO TUBE JOINTS IN NUCLEAR REACTOR HEAT EXCH	ANS-7B
	SEAMLESS AUSTENITIC STAINLESS STEEL TUBES	AECRDTMA213
	AMERICAN STANDARD FOR BASES FOR G-M COUNTER TUBES	ASA N3A *
	METHODS OF TESTING G-M COUNTER TUBES	ASA N3D
STANDARDS FOR GAS FILLED PROPORTIONAL COUNTER TUBES		ASA N3G
STANDARDS ON GAS FILLED RADIATION COUNTER TUBES		IEEE-3A *
AMERICAN STANDARD FOR G-M COUNTER TUBES		USASI-N42A *
TEST PROCEDURES - G-M COUNTER TUBES		USASI-N42H
TEST PROCEDURES - PROPORTIONAL COUNTER TUBES		USASI-N42I
ION FOR COLUMBIUM AND COLUMBIUM ALLOY SEAMLESS AND WELDED TUBES		SPECIFICATION
		ASTM-D-394*

NICKEL - CHROMIUM - IRON ALLOY CONDENSER - HEAT EXCHANGER TUBES	SEAMLESS ANNEALED	AECROTHB163
LESS NICKEL AND NICKEL ALLOY CONDENSER AND HEAT EXCHANGER TUBES	SPECIFICATION FOR SEAM	ASTM-B-163*
STEEL BOILER, SUPERHEATER, HEAT EXCHANGER, AND CONDENSER TUBES	SPECIFICATION FOR WELDED AUSTENITIC	ASTM-A-249*
TIC ALLOY - STEEL BOILER, SUPERHEATER, AND HEAT EXCHANGER TUBES	IFICATION FOR SEAMLESS FERRITIC AND AUSTENITIC	ASTM-A-213*
WROUGHT ZIRCONIUM AND ZIRCONIUM ALLOY SEAMLESS AND WELDED TUBES FOR NUCLEAR SERVICE	SPECIFICATION FOR	ASTM-B-353*
SPECIFICATION FOR SEAMLESS AND WELDED UNALLOYED TITANIUM TUBING		ASTM-B-338*
CATION FOR SEAMLESS AND WELDED AUSTENITIC STAINLESS STEEL TUBING FOR GENERAL SERVICE	SPECIFI	ASTM-A-269*
IN NUCLEAR REACTOR HEAT EXCHANGERS	TUBING INSPECTION AND WELDED TUBE TO TUBE JOINTS	ANS-78
COBALT - CHROME	TUNGSTEN ALLOY CASTINGS	AECROTHM322
WROUGHT COBALT - CHROMIUM -	TUNGSTEN NICKEL ALLOY ROUNDS	AECROTHM323
MODEL REGULATIONS FOR	TURNPIKES AND AUTHORITIES	ASA N2-5C

U

NATIONAL AND INTERNATIONAL NUCLEAR STANDARDS (EXCLUDING U.S. ACTIVITIES)	1966 COMPILATION OF	BIBLIO-12
DIRECTORY OF U.S. STANDARDIZATION ACTIVITIES		BIBLIC-9
NATIONAL AND INTERNATIONAL NUCLEAR STANDARDS (EXCLUDING U.S. STANDARDS)	COMPILATION OF	ASA N6-9B*
METHOD FOR ULTRASONIC CONTACT INSPECTION OF WELDMENTS		ASTM-E-162*
FORGINGS	RECOMMENDED PRACTICE FOR ULTRASONIC TESTING AND INSPECTION OF HEAVY STEEL	ASTM-A-388*
S OF FIREBOX AND FIGHER QUA/ METHOD AND SPECIFICATION FOR ULTRASONIC TESTING AND INSPECTION OF STEEL PLATE		ASTM-A-435*
SPECIFICATION FOR SEAMLESS AND WELDED UNALLOYED TITANIUM TUBING		ASTM-B-338*
SPECIFICATION FOR UNALLOYED URANIUM CASTINGS		ASTM-B-419*
SPECIFICATION FOR UNALLOYED URANIUM MELTING STOCK		ASTM-B-420*
DECONTAMINATION OF UNBROKEN SKIN SURFACES		ASA N7-7B
PROGRAMS	UNCLASSIFIED ACTIVITIES IN FOREIGN ATOMIC ENERGY	AECICCF110*
CURRENT GUIDELINES ON RADIATION PROTECTION FOR WORKERS IN UNDERGROUND URANIUM MINES / ECONOMIC FACTORS IN		FRC 8
- NICKEL STEEL PLATE, SHEET, AND STRIP FOR FUSION WELDED UNDERSTANDING PROGRAM		AIF-1
PROPOSED GUIDE FOR UNFIRED PRESSURE VESSELS / CHROMIUM AND CHROMIUM		ASTM-A-240*
NIMIZE SHIPPER VS RECEIVER DIFFERENCES IN THE RECOVERY OF UNIFORM INDUSTRIAL HYGIENE CODES OF REGULATIONS		ACGIH-F
STANDARDIZATION ACTIVITIES IN THE RECOVERY OF UNIRRADIATED REACTOR FUEL SCRAP /ROCESSORS TO MI		AIF-C
OUGH 1962	ESTIMATES AND EVALUATION OF FALLCUT IN THE UNITED STATES	BIBLIO-6
RADIATION QUANTITIES AND UNITS	UNITED STATES FROM WEAPONS TESTING CONDUCTED THR	FRC 4
HIGH EFFICIENCY FILTER		NBS-84
REPORT OF THE INTERNATIONAL COMMISSION ON RADIOLOGICAL UNITS AND MEASUREMENTS, 1959		UL 586
NUCLEAR		NBS-78
STANDARD FOR UNSEALED SOURCES		ANS-9C
STANDARD FOR SOURCE CERTIFICATION FOR UNSEALED SOURCES		ASA N5-2F
PLATE TYPE URANIUM - ALUMINUM ALLOY FUEL		ASA N5-4E
MECHANICALLY ASSEMBLED PLATE TYPE URANIUM - ALUMINUM FUEL		ASA N5-4F
QUALITY CONTROL FOR PLATE TYPE URANIUM - ALUMINUM FUEL ELEMENTS		ASA N5-1C
METHOD FOR DETERMINATION OF URANIUM AND PLUTONIUM CONCENTRATION AND ISOTOPIC		ASA N5-1D
METHOD FOR DETERMINATION OF URANIUM BY CONTROLLED POTENTIAL COULOMETRY		ANS-7A
NUCLEAR GRADE URANIUM CARBIDE		ANS-7C
SPECIFICATION FOR UNALLOYED URANIUM CASTINGS		ASTM-E-267*
NUCLEAR GRADE URANIUM DI OXIDE - PLUTONIUM DI OXIDE FUEL MIXTU		ASTM-E-217*
SPECIFICATION FOR NUCLEAR GRADE URANIUM DI OXIDE COMPACTABLE		ASA N5-1U
FISSION PRODUCT RELEASE FROM RUPTURED URANIUM DI OXIDE FUEL		ASTM-B-419*
FISSION PRODUCT RELEASE FROM OVERHEATED URANIUM DI OXIDE FUEL		ASA N5-1R
UTDOWN HEAT GENERATION AND TEMPERATURE INCREASE RATES IN URANIUM LI OXIDE FUEL PELLETS		ASA N5-1C
SPECIFICATION FOR NUCLEAR GRADE URANIUM DI OXIDE SINTERABLE		ANS-5E
SPECIFICATION FOR NUCLEAR GRADE URANIUM DI OXIDE, COMPACTIBLE		ANS-5G
SPECIFICATION FOR NUCLEAR GRADE URANIUM DI OXIDE, SINTERABLE		ASA N5-1E
METHOD OF TEST FOR ATOM PER CENT FISSION IN URANIUM FUEL (MASS SPECTROGRAPHIC METHOD)		ANS-5F
METHOD OF TEST FOR ATOM PER CENT FISSION IN URANIUM FUEL (RADIOCHEMICAL METHOD)		ASA N5-1B
SHIPPING CONTAINERS FOR URANIUM HEXA FLUORIDE		USASI-N11C*
METHOD FOR COLORIMETRIC DETERMINATION OF URANIUM IN AQUEOUS SOLUTIONS		USASI-N11B*
COLORIMETRIC DETERMINATION OF URANIUM IN AQUEOUS SOLUTIONS		ASTM-E-244*
SPECIFICATION FOR UNALLOYED URANIUM MELTING STOCK		ASTM-E-219*
SPECIFICATION FOR NUCLEAR GRADE URANIUM METAL MELT STOCK		ANS-8F
S IN THE DISPOSAL OF RADIOACTIVE WASTES FROM OPERATION OF URANIUM MILLS AND MINES		ASTM-E-245*
AMERICAN STANDARD FOR RADIATION PROTECTION IN URANIUM MILLS AND MINES (CONCENTRATORS)		ASTM-E-318*
ELINES ON RADIATION PROTECTION FOR WORKERS IN UNDERGROUND URANIUM MINES / ECONOMIC FACTORS IN CURRENT GUID		ASTM-B-420*
URANIUM MINES AND MILLS - ATMOSPHERE CONTROL		ASA N5-1A
URANIUM MINES AND MILLS - ATMOSPHERIC SAMPLING		ASA N5-2B
URANIUM MINES AND MILLS - DIRECT MEASURE OF EXPO		ASA N7-1A
URANIUM MINES AND MILLS - RECORD KEEPING		FRC 8
URANIUM MINES AND MILLS - SAMPLING PATTERNS		USASI-N13H
RADIATION PROTECTION IN DOMESTIC URANIUM PROGRAM		USASI-N13E
DISPOSAL OF RADIOACTIVE MATERIALS BY ISOTOPE		USASI-N13I
ASTE DISPOSAL OF PHOSPHORUS-32 AND IODINE-131 FOR MEDICAL		USASI-N13G
	USASI-N13F	
	USASI-N13K*	
	AECICCFR60*	
	BIBLIO-23	
	ASA N5-2G	
	NBS-49	

V

FOR PRESSURE VESSELS	QUENCHED AND TEMPERED VACUUM - TREATED CARBON AND ALLOY STEEL FORGINGS	AECROTHM508
	PRACTICAL VALUE	AIF-M
	THRESHOLD LIMIT VALUES	ACGIH-D
DOCUMENTATION OF THRESHOLD LIMIT VALUES		BIBLIO-31
MOTOR - OPERATED GATE VALVE		AECROTE11
GENERAL VALVE REQUIREMENTS		AECROTE9

	CHECK VALVE, HORIZONTAL SWING	AECDTE10
	REACTOR COOLANT RELIEF VALVE, PRESSURE ACTUATED PILOT CONTROL	AECDTE13
FORGED OR ROLLED STEEL PIPE FLANGES, FORGED FITTINGS, AND	VALVES AND PARTS FOR HIGH TEMPERATURE SERVICE	ASTM-A-105*
OR ROLLED ALLOY STEEL PIPE FLANGES, FORGED FITTINGS AND	VALVES AND PARTS FOR HIGH TEMPERATURE SERVICE	ASTM-A-182*
	VALVES AND PUMP BODIES TO INSURE CONTAINMENT	ANS-7E
CODE FOR DESIGN AND MANUFACTURE OF PUMPS AND	VALVES FOR NUCLEAR POWER	ASME-1C
CODE FOR PERFORMANCE OF	VALVES FOR NUCLEAR POWER	ASME-2C
STANDARD FOR STEEL DRUMS WITH	VARIABLE INNER LINERS FOR CLASS-1 SHIPMENTS	INPM-D
PES THROUGH THE BARRIER	DETERMINATION OF TIME	ANS-51
ATTACHMENT OF IRRADIATED FUEL CASKS TO	VEHICLES	ASA NS-5E
	INDUSTRIAL VENTILATION - A MANUAL OF RECOMMENDED PRACTICE	ACGIH-E
REVISED FALLOUT ESTIMATES FOR 1964-1965 AND	VERIFICATION OF THE 1963 PREDICTION	FRC 6 *
	REACTOR VESSEL	AECDTE4
DETERMINATION OF DIRECT RADIATION FIELD FROM CONTAINMENT	VESSEL	ANS-2C
	BOILER AND PRESSURE	ANS-7L
	BOILER AND PRESSURE	ASME-1A *
QUENCHED AND TEMPERED ALLOY STEEL FORGINGS FOR PRESSURE	VESSEL COMPONENTS	AECDTMA541
ION OF FATE OF ISOTOPES WITHIN THE BARRIER (THE PRESSURE	VESSEL OR ITS COUNTERPART)	ANS-5H
PRESTRESSED CONCRETE FOR USE IN REACTOR CONTAINMENT	VESSLS	ASCE-2B
BOILER AND PRESSURE VESSEL CODE, SECTION III, NUCLEAR	VESSLS	ASME-1A *
CODE FOR PRESTRESSED CONCRETE REACTOR NUCLEAR	VESSLS	ASME-1B
DENUM - NICKEL STEEL PLATE FOR BOILERS AND OTHER PRESSURE	VESSLS	AECDTMA533
MANGANESE - MOLYBDENUM - NICKEL STEEL PLATES FOR PRESSURE	VESSLS	ASTM A 302*
CARBON SILICON STEEL PLATES FOR BOILER AND OTHER PRESSURE	VESSLS	AECDTMA516
UM - TREATED CARBON AND ALLOY STEEL FORGINGS FOR PRESSURE	VESSLS	AECDTMA508
ENTAL CRITERIA FOR ASME CODE CONSTRUCTED NUCLEAR PRESSURE	VESSLS	AECDTMA508
EEL BARS AND SHAPES FOR USE IN BOILERS AND OTHER PRESSURE	VESSLS	AECDTMA479
LATE, SHEET, AND STRIP FOR FUSION WELDED UNFIRED PRESSURE	VESSLS / CHROMIUM AND CHROMIUM - NICKEL STEEL P	ASTM-A-240*
ALLOY STEEL AS FABRICATED INTO REACTOR AND OTHER PRESSURE	VESSLS / HEAT TREATMENT OF CARBON STEEL AND LOW	AECDTMA541
BON - SILICON STEEL PLATES FOR BOILERS AND OTHER PRESSURE	VESSLS / IFICATION FOR HIGH TENSILE STRENGTH CAR	ASTM-A-212*
TER AND PRESSURIZED WATER NUCLEAR POWER PLANT CONTAINMENT	VESSLS / SSURE DECAY REQUIREMENTS FOR BOILING WA	ANS-5A
S ARTICLES OR SUBSTANCES AND COMBUSTIBLE LIQUIDS ON BOARD	VESSLS / STORAGE OF EXPLOSIVES OR OTHER DANGEROUS	CG46CF146 *
INTERMEDIATE TENSILE STRENGTH FOR FISSION WELDED PRESSURE	VESSLS FOR ATMOSPHERIC AND LOWER TEMPERATURE S/	ASTM-A-516*
VE STRENGTH FOR FISSION WELDED BOILERS AND OTHER PRESSURE	VESSLS FOR INTERMEDIATE AND HIGHER TEMPERATURE/	ASTM-A-515*
LOW CARBON, CHROMIUM STEEL (TYPE 403) PRESSURE	VESSLS FORGINGS	AECDTMA473
	VETERINARY X-RAY PROTECTION	NCRP-17
SHIELDING WALL PENETRATIONS FOR MANIPULATORS,	VIEWING DEVICES, AND SERVICE PENETRATIONS	ANS-11A
ZIRCONIUM AND OTHER FORCES OF	VIRGIN METAL	ASTM-B-349*
STANDARD FOR	VITAL POWER SUPPLIES	ASA N4-3A
MEDICAL X-RAY PROTECTION UP TO THREE MILLION VOLTS		NR5-76 *
MEDICAL X-RAY PROTECTION UP TO THREE MILLION VOLTS		NCRP-38 *
TATRON - SYNCHROTRON RADIATIONS UP TO 100 MILLICURIE ELECTRON VOLTS	PROTECTION AGAINST BE	NR5-55 *
ATRON - SYNCHROTRON RADIATIONS UP TO 100 MILLICURIE ELECTRON VOLTS	PROTECTION AGAINST BET	NCRP-5A *
Y NUCLEAR / METHODS OF TESTING COMPRESSION SET INDUCED IN	VULCANIZING RUBBER CURING EXPOSURE TO HIGH ENERG	ASTM-D2309*

W

	WAIVER OF PATENT RIGHTS	AEICCFR83*
CES, AND SERVICE PENETRATIONS	WALL PENETRATIONS FOR MANIPULATORS, VIEWING DEVI	ANS-11A
D CHANGES	WARRANTIES AND ACCEPTANCE PROPERTY, DRAWINGS, AN	AIF-N
STANDARD ON PACKAGING AND SHIPMENT OF RADIOACTIVE	WASTE	ASA NS-5D
DEFINITION OF RADIOACTIVE	WASTE CATEGORIES	ASA NS-2A
MANAGEMENT COMPONENTS AND SYSTEMS - SPECIFIC/	RADIOACTIVE WASTE DISPOSAL - PERFORMANCE CRITERIA FOR WASTE	ASA NS-2K
	RADIOACTIVE WASTE DISPOSAL FROM NUCLEAR POWERED SHIPS	NAS-E1 *
	RADIOACTIVE WASTE DISPOSAL IN THE OCEAN	NR5-58 *
	RADIOACTIVE WASTE DISPOSAL IN THE OCEAN	NCRP-8D *
OR MEDICAL USERS	RECOMMENDATIONS FOR WASTE DISPOSAL OF PHOSPHORUS-32 AND IODINE-131 F	NR5-49 *
OR MEDICAL USE	RECOMMENDATIONS FOR WASTE DISPOSAL OF PHOSPHORUS-32 AND IODINE-131 F	NCRP-8B *
	DISPOSAL OF RADIOACTIVE WASTE FROM RADIOCHEMICAL PLANTS	ASA NS-2E
CURRENT PRACTICES IN THE DISPOSAL OF RADIOACTIVE	WASTE GASES FROM NUCLEAR REACTORS	ASA NS-2C *
	RADIOACTIVE WASTE HANDLING IN THE NUCLEAR POWER INDUSTRY	EEI *
	DISPOSAL OF LOW LEVEL RADIOACTIVE WASTE INTO PACIFIC COASTAL WATERS	NAS-E3 *
IC/ RADIOACTIVE WASTE DISPOSAL - PERFORMANCE CRITERIA FOR	WASTE MANAGEMENT COMPONENTS AND SYSTEMS - SPECIF	ASA NS-2K
OD OF TEST FOR THORIUM IN INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	ASTM-D2333*
OF TEST FOR RADIUM-226 IN INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	METHODS
RADIOACTIVE STRONTIUM IN INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	TEST FOR
OF GAMMA RADIOACTIVITY OF INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	MEASUREMENT
FOR RADIOACTIVE COBALT IN INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	METHOD OF TEST
FOR RADIOACTIVE IODINE IN INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	METHODS OF TEST
PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	MEASUREMENT OF BETA
PARTICLE RADIOACTIVITY OF INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	MEASUREMENT OF ALPHA
	DISPOSAL AND DISPERSAL OF RADIOACTIVE WASTES	ASTM-D1943*
	RECOMMENDATIONS FOR THE DISPOSAL OF CARBON-14 WASTES	NAS-E
	RECOMMENDATIONS FOR DISPOSAL OF CARBON-14 WASTES	NR5-53 *
	INCINERATION OF RADIOACTIVE WASTES	NCRP-8C *
ANCARD GUIDE TO PRACTICE IN TRANSPORTATION OF RADIOACTIVE	WASTES	NCRP-11
	DISPOSAL OF WASTES FROM NUCLEAR FUEL FABRICATION OPERATIONS	ASA NS-5C
CURRENT PRACTICES IN THE DISPOSAL OF RADIOACTIVE	WASTES FROM OPERATION OF URANIUM MILLS AND MINES	ASA NS-2H
PRACTICES IN THE HANDLING AND STORAGE OF SOLID RADIOACTIVE	WASTES FROM THE OPERATION OF NUCLEAR REACTORS /P	ASA NS-2B *
	DISPOSAL OF LIQUID WASTES FROM WATER-COOLED NUCLEAR REACTORS	ASA NS-2D *
TEST FOR THORIUM IN INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	ASA NS-21
T FOR RADIUM-226 IN INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	METHOD OF
ACTIVE STRONTIUM IN INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	TEST FOR RADIO
MA RADIOACTIVITY OF INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	MEASUREMENT OF GAM
IOACTIVE COBALT IN INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	METHOD OF TEST FOR RA
INOACTIVE IODINE IN INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	METHODS OF TEST FOR RA
LE RADIOACTIVITY OF INDUSTRIAL WATER AND INDUSTRIAL	WASTE WATER	MEASUREMENT OF BETA PARTIC

LE RADIOACTIVITY OF INDUSTRIAL WATER AND INDUSTRIAL WASTE	WATER	MEASUREMENT OF ALPHA PARTIC	ASTM-D1943*
AN BODY AND MAXIMUM PERMISSIBLE CONCENTRATIONS IN AIR AND	WATER /SIBLE 'AMOUNTS OF RADIOISOTOPES IN THE HUM	NBS-52 *	
MEASUREMENT OF GAMMA RADIOACTIVITY OF INDUSTRIAL	WATER AND INDUSTRIAL WASTE WATER	ASTM-D1690*	
MEASUREMENT OF BETA PARTICLE RADIOACTIVITY OF INDUSTRIAL	WATER AND INDUSTRIAL WASTE WATER	ASTM-D1890*	
MEASUREMENT OF ALPHA PARTICLE RADIOACTIVITY OF INDUSTRIAL	WATER AND INDUSTRIAL WASTE WATER	ASTM-D1943*	
TEST FOR RADIOACTIVE STRONTIUM IN INDUSTRIAL	WATER AND INDUSTRIAL WASTE WATER	ASTM-D1944*	
METHOD OF TEST FOR RADIOACTIVE COBALT IN INDUSTRIAL	WATER AND INDUSTRIAL WASTE WATER	ASTM-D2185*	
METHOD OF TEST FOR THORIUM IN INDUSTRIAL	WATER AND INDUSTRIAL WASTE WATER	ASTM-D2333*	
METHODS OF TEST FOR RADIOACTIVE IODINE IN INDUSTRIAL	WATER AND INDUSTRIAL WASTE WATER	ASTM-D2334*	
METHODS OF TEST FOR RADIUM-226 IN INDUSTRIAL	WATER AND INDUSTRIAL WASTE WATER	ASTM-D2335*	
IGN PRESSURE AND PRESSURE DECAY REQUIREMENTS FOR BOILING	WATER AND PRESSURIZED WATER NUCLEAR POWER PLANT/	ANS-5A	
NUCLEAR POWER FOR SALINE	WATER CONVERSION	AIF-F	
METHODS OF INSPECTION FOR WELDS FOR	WATER COOLED NUCLEAR POWER PLANTS	AECRDT5934	
STABILITY, CONTROL AND PROTECTION SYSTEM REQUIREMENTS FOR	WATER COOLED, ROD TYPE, OXIDE FUELED STATIONARY/	ANS-4A	
PERMISSIBLE CONCENTRATION OF RADIONUCLIDES IN AIR AND IN	WATER FOR OCCUPATIONAL EXPOSURE /ENS AND MAXIMUM	NCRP-2 *	
PERMISSIBLE CONCENTRATIONS OF RADIONUCLIDES IN AIR AND IN	WATER FOR OCCUPATIONAL EXPOSURE /NS AND MAXIMUM	NBS-69 *	
SURE DECAY REQUIREMENTS FOR BOILING WATER AND PRESSURIZED	WATER NUCLEAR POWER PLANT CONTAINMENT VESSELS /S	ANS-5A	
NUCLEAR SAFETY CRITERIA FOR THE DESIGN OF PRESSURIZED	WATER REACTOR PLANTS	ASA N6A	
AMERICAN STANDARD FOR RADIATION PROTECTION IN AIR AND	WATER SAMPLING	ASA N7-2A	
CONSIDERATIONS AFFECTING THE DESIGN AND INSTALLATION OF	WATER-COOLED AND WATER-MODERATED REACTORS ON ME/	SNAME-A	
DISPOSAL OF LIQUID WASTES FROM	WATER-COOLED NUCLEAR REACTORS	ASA NS-21	
AFFECTING THE DESIGN AND INSTALLATION OF WATER-COOLED AND	WATER-MODERATED REACTORS ON MERCHANT SHIPS /ONS	SNAME-A	
POSAL OF LOW LEVEL RADIOACTIVE WASTE INTO PACIFIC COASTAL	WATERS	NAS-E3 *	
MATES AND EVALUATION OF FALLOUT IN THE UNITED STATES FROM	WEAPONS TESTING CONDUCTED THROUGH 1962	ESTI	
HEALTH IMPLICATIONS OF FALLOUT FROM NUCLEAR	WEAPONS TESTING THROUGH 1961	FRC 3 *	
REQUIREMENTS FOR MATERIALS USED IN REACTOR COOLANT SYSTEM	WEAR APPLICATIONS	INSPECTION	
PIPE FOR HIGH TEMPERAT/	SPECIFICATION FOR ELECTRIC FUSION	AECRDT5942	
ERAL SERVICE	SPECIFICATION FOR SEAMLESS AND	ASTM-A-358*	
T EXCHANGER, AND CONDENSER TUBES	SPECIFICATION FOR SEAMLESS AND	ASTM-A-312*	
TEEL PLATES OF INTERMEDIATE TENSILE STRENGTH FOR FISSION	SPECIFICATION FOR SEAMLESS AND	ASTM-A-269*	
TEEL PLATES OF INTERMEDIATE TENSILE STRENGTH FOR FISSION	SPECIFICATION FOR SEAMLESS AND	ASTM-A-249*	
AT EXCHANGERS-	TUBING INSPECTION AND	ASTM-A-515*	
CIFICATION FOR COLUMBIUM AND COLUMBIUM ALLOY SEAMLESS AND	WELDED TUBES	ASTM-B-394*	
ON FOR WROUGHT ZIRCONIUM AND ZIRCONIUM ALLOY SEAMLESS AND	WELDED TUBES FOR NUCLEAR SERVICE	SPECIFICATI	
SPECIFICATION FOR SEAMLESS AND	WELDED UNALLOYED TITANIUM TUBING	ASTM-B-353*	
HRONIUM - NICKEL STEEL PLATE, SHEET, AND STRIP FOR FUSION	WELDED UNFIREED PRESSURE VESSELS / CHROMIUM AND C	ASTM-B-338*	
RECOMMENDED RULES FOR DESIGN AND CONSTRUCTION OF LARGE,	WELDED, LOW PRESSURE STORAGE TANKS	ASTM-A-240*	
SAFETY IN	WELDING AND CUTTING	API-620 *	
MILD STEEL, ARC	WELDING ELECTRODES	AWS 249.1 *	
LOW ALLOY STEEL, COVERED, ARC	WELDING ELECTRODES	AECRDTMA233	
COPPER AND COPPER ALLOY ARC	WELDING ELECTRODES	AECRDTMA316	
NICKEL AND NICKEL BASE ALLOY, COVERED	WELDING ELECTRODES	AECRDTMB225	
- RESISTANT CHROMIUM AND CHROMIUM - NICKEL STEEL COVERED	WELDING ELECTRODES	AECRDTMB295	
NG	WELDING ELECTRODES	AECRDTMA298	
NICKEL AND NICKEL BASE ALLOY BASE	WELDING FERROUS MATERIALS FOR NUCLEAR POWER PIPI	AWS D10.5 *	
WROUGHT SEAMLESS AUSTENITIC STEEL	WELDING FILLER MATERIAL	AECRDTMB304	
UCLEAR SYSTEMS	WELDING FITTINGS AND FLANGES	AECRDTMA403	
D STEEL AND CORROSION - RESISTING CHROMIUM - NICKEL STEEL	WELDING QUALITY FOR ALUMINUM AND ITS ALLOYS IN N	ANS-7N	
SURFACE	WELDING RODS	AECRDTMB259	
ELECTRODES AND RODS -	WELDING RODS AND BARE ELECTRODES	MIL	
METHOD FOR ULTRASONIC CONTACT INSPECTION OF	WELDING RODS AND ELECTRODES	AECRDTMA399	
METHODS OF INSPECTION FOR	WELDING STANDARC	AECRDT5902	
SPECIFICATION FOR TANTALUM ROD AND	WELDING, BASE LOW AND MEDIUM CARBON STEEL	AECRDTMM336	
IFICATION FOR COLUMBIUM AND COLUMBIUM ALLOY BAR, ROD, AND	WELDMENTS	ASTM-E-162*	
OLD FINISHED ZIRCONIUM AND ZIRCONIUM ALLOY BARS, ROD, AND	WELDS FOR WATER COOLED NUCLEAR POWER PLANTS	AECRDT5934	
ANNEALED	WIRE	ASTM-B-365*	
EX OF NUCLEAR INSTRUMENTATION AND CONTROL STANDARDIZATION	WIRE FOR NUCLEAR APPLICATIONS / HOT ROLLED AND C	SPEC	
FACTORS IN CURRENT GUIDELINES ON RADIATION PROTECTION FOR	WIRE, CORROSION AND HEAT RESISTANT NICKEL BASE,	ASTM-B-392*	
Y ROUNDS	WORK	ASTM-B-351*	
CONTINUOUS IDENTIFICATION MARKING OF	WORKERS IN UNDERGROUND URANIUM MINES / ECONOMIC	AECRDTMM373	
SPECIFICATION FOR CENTRIFUGALLY CAST AUSTENITIC COLD	WORKMANS COMPENSATION	IND	
GS AND FLANGES	WRCUGHT COBALT - CHROMIUM - TUNGSTEN NICKEL ALLO	ASA N3-1A	
NICKEL - CHROMIUM - IRON ALLOY, AGE HARDENABLE	WRCUGHT METAL PRODUCTS	FRC 2	
NC WELDED TUBES FOR NUCLEAR SERVICE	WRCUGHT PIPE FOR HIGH TEMPERATURE SERVICE	AIF-R	
SPECIFICATION FOR	WRCUGHT SEAMLESS AUSTENITIC STEEL WELDING FITTIN	AECRDTMM323	
	WRCUGHT SHAPES	AECRDT5920	
	WRCUGHT ZIRCONIUM AND ZIRCONIUM ALLOY SEAMLESS A	ASTM-A-452*	
		AECRDTMA403	
		AECRDTMA461	
		ASTM-B-353*	

X Y Z

AMERICAN STANDARD	SAFETY STANDARD FOR NCN MEDICAL	X-RAY AND GAMMA-RAY SOURCES	ASA 254-1A*
	SAFETY STANDARD FOR NCN MEDICAL	X-RAY AND GAMMA-RAY SOURCES	NBS-93 *
	SAFETY STANDARD FOR NCN MEDICAL	X-RAY AND SEALED GAMMA-RAY SOURCES I. GENERAL	USA51-N43A*
	HIGH ENERGY	X-RAY COSIMETRY	NCRP-26
	VETERINARY	X-RAY PROTECT ION	NBS-60 *
		X-RAY PROTECT ION	NCRP-17
		X-RAY PROTECT ION DESIGN	NBS-50 *
		X-RAY PROTECT ION DESIGN	NCRP-3A *
		X-RAY PROTECT ION IN CENTAL OFFICES	NCRP-16
	MEDICAL	X-RAY PROTECT ION UP TO THREE MILLION VOLTS	NBS-76 *
	MEDICAL	X-RAY PROTECT ION UP TO THREE MILLION VOLTS	NCRP-3B *
	PHOTOGRAPHIC DOSIMETRY OF	X-RAYS AND GAMMA-RAYS	NBS-57 *
	STANDARD FOR FISSION PRODUCT	YIELDS	ANS-5C
IFICATION FOR HOT ROLLED AND COLD FINISHED ZIRCONIUM AND	ZIRCONIUM ALLOY BARS, ROD, AND WIRE FOR NUCLEAR/	ASTM-B-351*	
EAR APPLICATIONS	SPECIFICATION FOR ZIRCONIUM AND	ZIRCONIUM ALLOY FORGINGS AND EXTRUSIONS FOR NUCL	ASTM-B-356*
	ZIRCONIUM AND	ZIRCONIUM ALLOY INGOTS	ASTM-B-350*
CLEAR SERVICE	SPECIFICATION FOR WROUGHT ZIRCONIUM AND	ZIRCONIUM ALLOY SEAMLESS AND WELDED TUBES FOR NU	ASTM-B-353*

EAR APPLICATIONS	SPECIFICATION FOR ZIRCONIUM AND ZIRCONIUM ALLOY SHEET, STRIP, AND PLATE FOR NUCLEAR APPLICATIONS	ASTM-B-352*
E FOR NUC/ SPECIFICATION FOR HOT ROLLED AND COLD FINISHED ZIRCONIUM AND OTHER FORMS OF VIRGIN METAL	ASTM-B-349*	
SIONS FOR NUCLEAR APPLICATIONS	SPECIFICATION FOR ZIRCONIUM AND ZIRCONIUM ALLOY BARS, ROD, AND WIRE	ASTM-B-351*
	ZIRCONIUM AND ZIRCONIUM ALLOY FORGINGS AND EXTRUDED	ASTM-B-356*
D TUBES FOR NUCLEAR SERVICE	SPECIFICATION FOR WROUGHT ZIRCONIUM AND ZIRCONIUM ALLOY INGOTS	ASTM-B-350*
PLATE FOR NUCLEAR APPLICATIONS	SPECIFICATION FOR ZIRCONIUM AND ZIRCONIUM ALLOY SEAMLESS AND WELDED	ASTM-B-353*
	CLASSIFICATION OF RADIATION ZONES FOR NUCLEAR ACTIVITIES	ASTM-B-352*
PROTECTION AGAINST BETATRON - SYNCHROTRON RADIATIONS UP TO 100 MILLION ELECTRON VOLTS	ZONING STANDARDS FOR ATOMIC ENERGY FACILITIES	ANS-7V
PROTECTION AGAINST BETATRON - SYNCHROTRON RADIATIONS UP TO 100 MILLION ELECTRON VOLTS	REPORT OF THE INTERNATIONAL COMMISSION ON RADIOLOGICAL UNITS AND MEASUREMENTS, 1959	ASA N2-5A
LICATIONS OF FALLOUT FROM NUCLEAR WEAPONS TESTING THROUGH 1961	HEALTH IMPACTS	NBS-55 *
THE UNITED STATES FROM WEAPONS TESTING CONDUCTED THROUGH 1962	ESTIMATES AND EVALUATION OF FALLOUT IN THE UNITED STATES	NCRP-5A *
D FALLOUT ESTIMATES FOR 1964-1965 AND VERIFICATION OF THE 1963 PREDICTION	REVISED FALLOUT ESTIMATES FOR 1964-1965 AND VERIFICATION OF THE 1963 PREDICTION	NBS-78 *
N	NCRP ANNUAL REPORT	FRC 3 *
RECOMMENDATIONS INCLUDED	1966 CATALOGUE OF AMERICAN STANDARDS - INDEX AND	FRC 4 *
UCLEAR STANDARDS (EXCLUDING U.S. ACTIVITIES)	1966 COMPILATION OF NATIONAL AND INTERNATIONAL STANDARDS	FRC 6 *
	USA STANDARDS INSTITUTE	FRC 6 *
EC REGULATORY AUTHORITY IN AGREEMENT STATES UNDER SECTION 274	1967 CATALOG	BIBLIO-25
PROTECTION AGAINST NEUTRON RADIATION UP TO 30-MEV	EXEMPTIONS AND CONTINUATION	BIBLIO-3
PROTECTION AGAINST NEUTRON RADIATION UP TO 30-MEV		BIBLIO-12
CHILD LABOR REGULATIONS SECTION 4.57		BIBLIO-23
LOW CARBON CHROMIUM STEEL (TYPE 403)		AEICCF150*
LOW CARBON, CHROMIUM STEEL (TYPE 403) PRESSURE VESSELS FORGINGS		NBS-63 *
		NCRP-4 *
		DL29CFR4
		AECRDTMA276
		AECRDTMA473

THIS PAGE
WAS INTENTIONALLY
LEFT BLANK

Internal Distribution

1. T. D. Anderson	116. S. I. Kaplan
2. P. S. Baker	117. G. W. Keilholtz
3. C. F. Barnett	118. J. O. Kolb
4. S. E. Beall	119. C. E. Larson
5. C. G. Bell	120. T. F. Lomenick
6. M. Bender	121. M. I. Lundin
7. S. R. Bernard	122. H. G. MacPherson
8. J. P. Blakely	123. H. C. McCurdy
9. A. L. Boch	124. H. F. McDuffie
10. N. Bray	125. F. K. McGowan
11. M. A. Broders	126. J. G. Merkle
12. J. R. Buchanan	127. J. W. Michel
13. C. A. Burchsted	128. C. M. Murphy
14. A. D. Callihan	129. L. F. Parsly, Jr.
15. D. W. Cardwell	130-149. A. W. Savolainen
16. T. F. Connolly	150. L. B. Shappert
17-56. Wm. B. Cottrell	151. M. J. Skinner
57. K. E. Cowser	152. D. B. Trauger
58. E. N. Cramer	153. C. S. Walker
59. F. L. Culler, Jr.	154. K. Way
60-103. Doyle Davis	155. A. M. Weinberg
104. D. M. Eissenberg	156. H. B. Whetsel
105. E. P. Epler	157. G. D. Whitman
106. W. K. Ergen	158. M. L. Winton
107. M. H. Fontana	159-161. Central Research Library
108. A. P. Fraas	162-163. Document Reference Section
109. W. R. Gall	164-1378. Laboratory Records Dept.
110. Ann Klein	(Nuclear Safety External Reports Dist. & NSIC)
111. J. A. Harvey	1379. Laboratory Records, ORNL RC
112. H. W. Hoffman	1380-1479. Nuclear Safety Information Center
113. F. T. Howard	
114. D. G. Jacobs	
115. W. H. Jordan	

External Distribution

- 1480-1499. W. B. Allred, Stone and Webster Engr. Corp., Boston, Mass.
1500. R. N. Bergstrom, Sargent & Lundy, 140 S. Dearborn St., Chicago, Ill. 60603
1501. D. E. Bernhardt, Radiological Health Lab., 1901 Chapman Avenue-Annex, Rockville, Md. 20852
1502. J. G. Bradley, Hanford Atomic Prods. Opr., Richland, Wash. 99352

- 1503. R. J. Brandt, Gibbs & Hill, Inc., New York, N. Y. 10001
- 1504. S. H. Brown, National Lead Company, New York, N. Y. 10006
- 1505-1554. D. C. Cook, Code 7640, Naval Research Lab., Washington, D. C. 20390
- 1555-1556. Louis Costrell, Radiation Physics Division, U. S. Dept. of Commerce, National Bureau of Standards, Washington, D. C. 20234
- 1557. R. C. DeYoung, AEC, Washington
- 1558. F. E. Ehrensperger, Southern Services, Inc., 600 N. Eighteenth St., Birmingham 2, Ala.
- 1559-1560. D. A. French, UKAEA, 11, Charles II St., London, S.W. 1, England
- 1561. F. A. Gifford, USWB-ORO
- 1562-1581. J. B. Godel, Brookhaven Nat. Lab., Upton, L. I., N. Y. 11973
- 1582. H. C. Hopkins, General Atomic, P. O. Box 608, San Diego, Calif. 92112
- 1583. A. Hunter, UKAEA, Risley, Warrington, Lancs, England
- 1584-1593. E. R. Johnson, Nuclear Fuel Services, Inc., 906 Wheaton Plaza Blvd., Wheaton, Md. 20902
- 1594. K. Kandrex, Dresden, Germany
- 1595-1614. H. W. Koch, Chief, Radiation Physics Division, U.S. Dept. of Commerce, National Bureau of Standards, Washington, D. C. 20234
- 1615-1616. Lubin Thoren Kress, Librarian, United Aircraft Corp., E. Hartford, Conn.
- 1617-1636. H. G. Lamb, USA Standards Institute, 10 E. 40th Street, New York, N. Y. 10016
- 1637-1644. M. C. Leverett, GE, Richland, Washington 99352
- 1645. J. A. Lieberman, AEC-DRDT
- 1646-1685. J. E. McEwen, AEC, Washington, D. C.
- 1686-1699. J. E. McLaughlin, USAEC-NYOO, 376 Hudson St., New York, N. Y. 10014
- 1700-1704. D. W. Moeller, Harvard University, 665 Huntington Avenue, Boston, Mass.
- 1705-1717. W. T. Moore, Babcock & Wilcox Co., 1201 Kemper St., Lynchburg, Va. 24505
- 1718-1737. M. Novick, Argonne Nat. Lab., Idaho Falls, Idaho
- 1738. J. M. Prospero, Institute of Marine Science, University of Miami, Rickenbacker Causeway, Miami, Florida 33149
- 1739-1758. C. Roderick, Westinghouse Electric Corp., Box 355, Pittsburgh, Pa. 15230
- 1759. Virginia D. Rose, Allis-Chalmers Mfg. Co., 6935 Arlington Rd., Bethesda, Md. 20014
- 1760-1779. J. C. Russ, General Electric Co., P. O. Box 254, San Jose, Calif. 95103
- 1780. M. S. Seal, Northeastern Radiological Health Lab., P. O. Box 232, Winchester, Mass. 01890
- 1781-1782. R. F. Shea, 14 Coronet Ct., Schenectady, N. Y. 12309
- 1783. F. W. Simpson, General Atomic, P. O. Box 608, San Diego, Calif. 92112

- 1784. J. Tadmor, Israel Atomic Energy Commission, Soreq Nuclear Research Center, Yavne, Israel
- 1785. C. D. Thomas, Dept. of Physics, W. Virginia University, Morgantown, W. Va.
- 1786-1885. USA Standards Institute, 10 East 40th Street, New York, N.Y. 10016
- 1886. Mary Vasilakis, Westinghouse Electric Corp., Box 355, Pittsburgh, Pa. 15230
- 1187-2143. Given Distribution as Shown in TID-4500 (UC-80) (25 copies - CFSTI)