

CODE CASES

2023

ASME Boiler and
Pressure Vessel Code
An International Code

Nuclear Components

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AN INTERNATIONAL CODE

2023 ASME Boiler & Pressure Vessel Code

2023 Edition

July 1, 2023

CODE CASES

Nuclear Components



The American Society of
Mechanical Engineers

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CORRESPONDENCE WITH THE COMMITTEE

General

ASME codes and standards are developed and maintained by committees with the intent to represent the consensus of concerned interests. Users of ASME codes and standards may correspond with the committees to propose revisions or cases, report errata, or request interpretations. Correspondence for this Section of the ASME Boiler and Pressure Vessel Code (BPVC) should be sent to the staff secretary noted on the Section's committee web page, accessible at <https://go.asme.org/CSCcommittees>.

NOTE: See ASME BPVC Section II, Part D for guidelines on requesting approval of new materials. See Section II, Part C for guidelines on requesting approval of new welding and brazing materials ("consumables").

Revisions and Errata

The committee processes revisions to this Code on a continuous basis to incorporate changes that appear necessary or desirable as demonstrated by the experience gained from the application of the Code. Approved revisions will be published in the next edition of the Code.

In addition, the committee may post errata and Special Notices at <http://www.asme.org/BPVCerrata>. Errata and Special Notices become effective on the date posted. Users can register on the committee web page to receive e-mail notifications of posted errata and Special Notices.

This Code is always open for comment, and the committee welcomes proposals for revisions. Such proposals should be as specific as possible, citing the paragraph number(s), the proposed wording, and a detailed description of the reasons for the proposal, including any pertinent background information and supporting documentation.

Cases

- (a) The most common applications for cases are:
 - (1) to permit early implementation of a revision based on an urgent need
 - (2) to provide alternative requirements
 - (3) to allow users to gain experience with alternative or potential additional requirements prior to incorporation directly into the Code
 - (4) to permit use of a new material or process
- (b) Users are cautioned that local jurisdictions or owners automatically accept cases. Cases are not to be considered as approving, recommending, certifying, or endorsing any proprietary or specific design, or as limiting in any way the freedom of manufacturer, constructors, or owners to choose any method of design or any form of construction that conforms to the Code.
- (c) The committee will consider proposed cases concerning the following topics only:
 - (1) equipment to be marked with the ASME Single Certification Mark, or
 - (2) equipment to be constructed as a repair/replacement activity under the requirements of Section XI
- (d) A proposed case shall be written as a question and reply in the same format as existing cases. The proposal shall also include the following information:
 - (1) a statement of need and background information
 - (2) the urgency of the case (e.g., the case concerns a project that is underway or imminent)
 - (3) the Code Section and the paragraph, figure, or table number(s) to which the proposed case applies
 - (4) the edition(s) of the Code to which the proposed case applies
- (e) A case is effective for use when the public review process has been completed and it is approved by the cognizant supervisory board. Cases that have been approved will appear in the next edition or supplement of the Code Cases books, "Boilers and Pressure Vessels" or "Nuclear Components." Each Code Cases book is updated with seven Supplements. Supplements will be sent or made available automatically to the purchasers of the Code Cases books until the next edition of the Code. Annulments of Code Cases become effective six months after the first announcement of the

annulment in a Code Case Supplement or Edition of the appropriate Code Case book. The status of any case is available at <http://go.asme.org/BPVCCDatabase>. An index of the complete list of Boiler and Pressure Vessel Code Cases and Nuclear Code Cases is available at <http://go.asme.org/BPVCC>.

Interpretations

(a) Interpretations clarify existing Code requirements and are written as a question and reply. Interpretations do not introduce new requirements. If a revision to resolve conflicting or incorrect wording is required to support the interpretation, the committee will issue an intent interpretation in parallel with a revision to the Code.

(b) Upon request, the committee will render an interpretation of any requirement of the Code. An interpretation can be rendered only in response to a request submitted through the online Interpretation Submittal Form at <http://go.asme.org/InterpretationRequest>. Upon submitting the form, the inquirer will receive an automatic e-mail confirming receipt.

(c) ASME does not act as a consultant for specific engineering problems or for the general application or understanding of the Code requirements. If, based on the information submitted, it is the opinion of the committee that the inquirer should seek assistance, the request will be returned with the recommendation that such assistance be obtained. Inquirers may track the status of their requests at <http://go.asme.org/Interpretations>.

(d) ASME procedures provide for reconsideration of any interpretation when or if additional information that might affect an interpretation is available. Further, persons aggrieved by an interpretation may appeal to the cognizant ASME committee or subcommittee. ASME does not “approve,” “certify,” “rate,” or “endorse” any item, construction, proprietary device, or activity.

(e) Interpretations are published in the ASME Interpretations Database at <http://go.asme.org/Interpretations> as they are issued.

Committee Meetings

The ASME BPVC committees regularly hold meetings that are open to the public. Persons wishing to attend any meeting should contact the secretary of the applicable committee. Information on future committee meetings can be found at <http://go.asme.org/BCW>.

SUMMARY OF CHANGES

The 2023 Edition of the Code Cases includes Code Case actions published through Supplement 7 to the 2021 Edition.

Changes listed below are identified on the pages by a margin note, **(23)**, placed next to the affected area. Errata, if any are identified by a margin note, **(E)**, placed next to the affected area.

<i>Page</i>	<i>Location</i>	<i>Change</i>
iv	List of Sections	(1) Under Section III, Division 4 added (2) Title of Section XI and subtitle of Section XI, Division 2 revised (3) Information on interpretations and Code cases moved to “Correspondence With the Committee”
v	Correspondence With the Committee	Added
ix	Cross-Referencing in the ASME BPVC	Updated
x	Notes to Numeric Index	Updated
xi	Numeric Index	Updated
xvii	Subject Index	Updated
xxiii	Index of Material Specifications Referred to in Cases	Updated
xxvii	Applicability Index for Section XI Cases	Updated
xlvii	Guideline for Cross-Referencing Section XI Cases	(1) In Table 1, first column heading revised from “E17” to “E17-E21” (2) In Table 1, General Notes (a), (d), and (f) revised
1 (N-504-4)	N-504-4	Annulled
1 (N-532-6)	N-532-6	Revised
1 (N-666-3)	N-666-3	Revised
1 (N-778-1)	N-778-1	Revised
1 (N-801-4)	N-801-4	Revised
1 (N-830-1)	N-830-1	In eq. (5c), “ $-\Delta J_{IC(US)}$ ” inserted at end of equation by errata
1 (N-888-1)	N-888-1	Revised
1 (N-892-1)	N-892-1	Revised
1 (N-898-1)	N-898-1	Revised
1 (N-909-1)	N-909-1	Revised
1 (N-924)	N-924	(1) In I-8, six instances of “ ε_c ” corrected to “ ε_v ” by errata (2) In I-8, two instances of “ ε ” corrected to “ ε_v ” by errata

<i>Page</i>	<i>Location</i>	<i>Change</i>
1 (N-928)	N-928	Added
1 (N-929)	N-929	Added
1 (N-930)	N-930	Added
1 (N-931)	N-931	Added

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CROSS-REFERENCING IN THE ASME BPVC

(23)

Paragraphs within the ASME BPVC may include subparagraph breakdowns, i.e., nested lists. The following is a guide to the designation and cross-referencing of subparagraph breakdowns:

(a) Hierarchy of Subparagraph Breakdowns

- (1) First-level breakdowns are designated as (a), (b), (c), etc.
- (2) Second-level breakdowns are designated as (1), (2), (3), etc.
- (3) Third-level breakdowns are designated as (-a), (-b), (-c), etc.
- (4) Fourth-level breakdowns are designated as (-1), (-2), (-3), etc.
- (5) Fifth-level breakdowns are designated as (+a), (+b), (+c), etc.
- (6) Sixth-level breakdowns are designated as (+1), (+2), etc.

(b) Cross-References to Subparagraph Breakdowns. Cross-references within an alphanumerically designated paragraph (e.g., PG-1, UIG-56.1, NCD-3223) do not include the alphanumeric designator of that paragraph. The cross-references to subparagraph breakdowns follow the hierarchy of the designators under which the breakdown appears. The following examples show the format:

- (1) If X.1(c)(1)(-a) is referenced in X.1(c)(1), it will be referenced as (-a).
- (2) If X.1(c)(1)(-a) is referenced in X.1(c)(2), it will be referenced as (1)(-a).
- (3) If X.1(c)(1)(-a) is referenced in X.1(e)(1), it will be referenced as (c)(1)(-a).
- (4) If X.1(c)(1)(-a) is referenced in X.2(c)(2), it will be referenced as X.1(c)(1)(-a).

NOTES TO NUMERIC INDEX

- All Code Cases remain available for use until annulled by the ASME Boiler and Pressure Vessel Standards Committees. Code Cases will be reviewed routinely for possible incorporation into the body of the ASME Boiler and Pressure Vessel Code.
- Supplement 7 is the last supplement published for the 2021 edition. Supplement 8 is incorporated into the 2023 edition.
- Cases may be used beginning with the date of approval shown on the Case.
- Annulled Cases will remain in the Numeric Index and Subject Index until the next Edition, at which time they will be deleted.
- Newly revised cases supersede previous versions. Previous code case number will be added in the "Annulled Date/Supersedes" column next to the newly revised code case.
- The digit following a Case Number is used to indicate the number of times a Case has been revised.
- The Cases are arranged in numerical order, and each page of a Case is identified at the top with the appropriate Case Number.

Legend of Abbreviations

Supp. = Supplement

R = Reinstated

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APPLICABILITY INDEX FOR SECTION XI CASES

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This Index provides the range of Section XI Editions and Addenda applicable to each Section XI Case.

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N-34	Inservice Inspection of Welds on Nuclear Components	1970 Edition	1971 Edition with the Summer 1973 Addenda
N-72	Partial Postponement of Category B-C Examinations for Class 1 Components	1974 Edition	1977 Edition with the Winter 1977 Addenda
N-73	Partial Postponement of Category B-D Examinations for Class 1 Components	1974 Edition	1977 Edition with the Winter 1977 Addenda
N-98	Ultrasonic Examination — Calibration Block Tolerances [Note (1)]:		
	(a) For Division 1	1974 Edition	1977 Edition with the Summer 1978 Addenda
	(b) For Division 2	1974 Edition with the Winter 1975 Addenda	Not applicable
N-112	Acceptance Standards Class 2 and 3 Components	1974 Edition	1974 Edition with the Winter 1975 Addenda
N-113	Basic Calibration Block for Ultrasonic Examination of Welds 10 in. to 13 in. Thick	1971 Edition with the Summer 1973 Addenda	1974 Edition with the Summer 1976 Addenda
N-113-1	Basic Calibration Block for Ultrasonic Examination of Welds 10 in. to 14 in. Thick	1971 Edition with the Summer 1973 Addenda	2001 Edition
N-118	Examination — Acceptance Standards for Surface Indications in Cladding	1974 Edition with the Summer 1974 Addenda	1974 Edition with the Winter 1975 Addenda
N-166	Reference by Section XI to N626.1-1975 for Qualification and Duties of Authorized Nuclear Inservice Inspection	1974 Edition	1977 Edition
N-167	Minimum Section Thickness Requirements for Repair of Nozzles	1974 Edition	1977 Edition with the Winter 1977 Addenda
N-198	Exemption From Examination for ASME Class 2 Piping Located at Containment Penetrations	1974 Edition with the Summer 1976 Addenda	1977 Edition with the Winter 1977 Addenda
N-198-1	Exemption From Examination for ASME Class 1 and 2 Piping Located at Containment Penetrations	1974 Edition with the Summer 1976 Addenda	1992 Edition with the 1993 Addenda
N-209	Conditional Acceptance of Identifiable Isolated or Rounded Indications		
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N-210	Exemptions to Hydrostatic Test After Repairs	1974 Edition	1977 Edition with the Winter 1977 Addenda
N-211	Recalibration of Ultrasonic Equipment Upon Change of Personnel		
	(a) To meet requirements of I-4230	1971 Edition with the Summer 1973 Addenda	1974 Edition with the Summer 1976 Addenda
	(b) To meet requirements of III-3330	1977 Edition	1980 Edition
N-216	Alternative Rules for Reactor Vessel Closure Stud Examination	1977 Edition	1977 Edition with the Winter 1977 Addenda
N-234	Time Between Ultrasonic Calibration Checks		
	(a) To meet requirements of I-4230	1971 Edition with the Summer 1973 Addenda	1974 Edition with the Summer 1976 Addenda
	(b) To meet requirements of III-3330	1977 Edition	1980 Edition
N-235	Ultrasonic Calibration Checks per Section V	1974 Edition with the Winter 1976 Addenda	1977 Edition with the Summer 1979 Addenda
N-236	Repair and Replacement of Class MC Vessels	1974 Edition	1983 Edition with the Winter 1984 Addenda

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N-236-1	Repair and Replacement of Class MC Vessels	1974 Edition	1989 Edition with the 1990 Addenda
N-252	Low Energy Capacitive Discharge Welding Method for Temporary or Permanent Attachments to Components and Supports	1971 Edition	1980 Edition with the Winter 1980 Addenda
N-278	Alternative Ultrasonic Calibration Block Configuration, I-3131 and T-434.3		
	(a) To meet requirements of I-3131	1974 Edition	1974 Edition with the Summer 1976 Addenda
	(b) To meet requirements of T-434.3	1977 Edition	1983 Edition with the Winter 1984 Addenda
N-288	Hydrostatic Test Requirements for Class 1 and 2 Components	1974 Edition	1980 Edition with the Winter 1980 Addenda
N-306	Calibration Block Material Selection, Appendix I, I-3121 [Note (2)]	1974 Edition with the Summer 1975 Addenda	1974 Edition with the Summer 1976 Addenda
N-307	Revised Ultrasonic Examination Volume for Class 1 Bolting, Examination Category B-G-1, When the Examinations Are Conducted From the Center- Drilled Hole	1974 Edition	1983 Edition with the Winter 1984 Addenda
N-307-1	Revised Ultrasonic Examination Volume for Class 1 Bolting, Table IWB-2500-1, Examination Category B-G-1, When the Examinations Are Conducted From the Center-Drilled Hole	1974 Edition	1998 Edition with the 1999 Addenda
N-307-2	Revised Ultrasonic Examination Volume for Class 1 Bolting, Table IWB-2500-1, Examination Category B-G-1, When the Examinations Are Conducted From the End of the Bolt or Stud or From the Center- Drilled Hole	1974 Edition	1998 Edition with the 1999 Addenda
N-307-3	Ultrasonic Examination of Class 1 Bolting, Table IWB-2500-1, Examination Category B-G-1	1974 Edition	1998 Edition with the 1999 Addenda
N-308	Documentation of Repairs and Replacements of Components in Nuclear Power Plants	1974 Edition	1980 Edition with the Winter 1981 Addenda
N-311	Alternative Examination of Outlet Nozzle on Secondary Side of Steam Generators	1977 Edition with the Winter 1977 Addenda	2004 Edition
N-322	Examination Requirements for Integrally Welded or Forged Attachments to Class 1 Piping at Containment Penetrations	1977 Edition with the Summer 1978 Addenda	1992 Edition with the 1993 Addenda
N-323	Alternative Examinations for Integrally Welded Attachments to Vessels	1974 Edition	1974 Edition with the Winter 1976 Addenda
N-323-1	Alternative Examination for Welded Attachments to Pressure Vessels	1980 Edition with the Winter 1981 Addenda	1995 Edition with the 1996 Addenda
N-334	Examination Requirements for Integrally Welded or Forged Attachments to Class 2 Piping at Containment Penetrations	1977 Edition with the Summer 1978 Addenda	1980 Edition with the Summer 1980 Addenda
N-335	Rules for Ultrasonic Examination of Similar and Dissimilar Metal Piping Welds	1974 Edition	1980 Edition with the Winter 1981 Addenda
N-335-1	Rules for Ultrasonic Examination of Similar and Dissimilar Metal Piping Welds	1974 Edition	1980 Edition with the Winter 1981 Addenda
N-343	Alternative Scope of Examination of Attachment Welds for Examination Categories B-H, B-K-1, and C-C	1974 Edition	1980 Edition with the Winter 1981 Addenda
N-355	Calibration Block for Angle Beam Ultrasonic Examination of Large Fittings in Accordance With Appendix III-3410 [Note (3)]	1974 Edition with the Winter 1975 Addenda	1983 Edition
N-356	Certification Period for Level III NDE Personnel	1977 Edition with the Winter 1977 Addenda	1983 Edition
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N-375-1	Rules for Ultrasonic Examination of Bolts and Studs	1980 Edition	1980 Edition with the Winter 1981 Addenda
N-375-2	Rules for Ultrasonic Examination of Bolts and Studs	1971 Edition	1983 Edition
N-389	Alternative Rules for Repairs, Replacements, or Modifications	1974 Edition with the Summer 1975 Addenda	1986 Edition with the 1987 Addenda
N-389-1	Alternative Rules for Repairs, Replacements, or Modifications	1974 Edition with the Summer 1975 Addenda	1992 Edition with the 1993 Addenda
N-390	Evaluation Criteria for Flaws Located in a Flange or Shell Region Near a Structural Discontinuity	1974 Edition with the Summer 1975 Addenda	1983 Edition with the Summer 1983 Addenda

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N-401	Eddy Current Examination	1974 Edition with the Summer 1976 Addenda	1989 Edition with the 1989 Addenda
N-401-1	Eddy Current Examination	1974 Edition with the Summer 1974 Addenda	1989 Edition with the 1989 Addenda
N-402	Eddy Current Calibration Standard Material	1980 Edition with the Winter 1980 Addenda	1989 Edition with the 1989 Addenda
N-402-1	Eddy Current Calibration Standards	1980 Edition with the Winter 1980 Addenda	1989 Edition with the 1989 Addenda
N-406	Alternative Rules for Replacement	1977 Edition with the Summer 1978 Addenda	1986 Edition
N-408	Alternative Rules for Examination of Class 2 Piping	1974 Edition	1983 Edition
N-408-1	Alternative Rules for Examination of Class 2 Piping	1974 Edition	1983 Edition
N-408-2	Alternative Rules for Examination of Class 2 Piping	1974 Edition	1989 Edition
N-408-3	Alternative Rules for Examination of Class 2 Piping	1974 Edition	1989 Edition
N-409	Procedure and Personnel Qualification for Ultrasonic Detection and Sizing of Intergranular Stress Corrosion Cracking in Austenitic Piping Welds	1974 Edition	1986 Edition with the 1986 Addenda
N-409-1	Procedure and Personnel Qualification Requirements for Ultrasonic Detection and Sizing of Intergranular Stress Corrosion Cracking in Austenitic Piping Welds	1974 Edition	1986 Edition with the 1987 Addenda
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N-409-3	Procedure and Personnel Qualification Requirements for Ultrasonic Detection and Sizing of Intergranular Stress Corrosion Cracking in Austenitic Piping Welds	1974 Edition	1989 Edition
N-415	Alternative Rules for Testing Pressure Relief Devices	1974 Edition	1983 Edition with the Winter 1984 Addenda
N-416	Alternative Rules for Hydrostatic Testing of Repair or Replacement of Class 2 Piping	1974 Edition	1989 Edition with the 1990 Addenda
N-416-1	Alternative Pressure Test Requirement for Welded Repairs or Installation of Replacement Items by Welding Class 1, 2, and 3	1974 Edition	1998 Edition
N-416-2	Alternative Pressure Test Requirement for Welded Repairs, Fabrication Welds for Replacement Parts and Piping Subassemblies, or Installation of Replacement Items by Welding, Class 1, 2, and 3	1977 Edition with the Summer 1978 Addenda	1998 Edition
N-416-3	Alternative Pressure Test Requirement for Welded or Brazed Repairs, Fabrication Welds or Brazed Joints for Replacement Parts and Piping Subassemblies, or Installation of Replacement Items by Welding or Brazing, Classes 1, 2, and 3	1977 Edition with the Summer 1978 Addenda	1998 Edition
N-416-4	Alternative Pressure Test Requirement for Welded or Brazed Repairs, Fabrication Welds or Brazed Joints for Replacement Parts and Piping Subassemblies, or Installation of Replacement Items by Welding or Brazing, Classes 1, 2, and 3	1977 Edition with the Summer 1978 Addenda	2001 Edition with the 2002 Addenda
N-419	Extent of VT-1 Examinations, Category B-G-1 of Table IWB-2500-1	1977 Edition with the Summer 1978 Addenda	1983 Edition with the Winter 1984 Addenda
N-424	Qualification of Visual Examination Personnel	1977 Edition with the Summer 1978 Addenda	1983 Edition
N-426	Extent of VT-1 Examinations, Category B-G-2 of Table IWB-2500-1	1977 Edition with the Summer 1978 Addenda	1983 Edition with the Winter 1984 Addenda
N-427	Code Cases in Inspection Plans	1971 Edition	1986 Edition
N-429	Alternate Rules for Ultrasonic Instrument Calibration	1980 Edition with the Winter 1980 Addenda	1983 Edition with the Winter 1983 Addenda
N-429-1	Alternative Rules for Ultrasonic Instrument Calibration	1980 Edition with the Winter 1980 Addenda	1986 Edition with the 1986 Addenda
N-432	Repair Welding Using Automatic or Machine Gas Tungsten-Arc Welding (GTAW) Temper Bead Technique	1971 Edition with the Summer 1973 Addenda	1989 Edition with the 1990 Addenda
N-432-1	Repair Welding Using Automatic or Machine Gas Tungsten-Arc Welding (GTAW) Temper Bead Technique	1971 Edition with the Summer 1973 Addenda	2021 Edition
N-435	Alternative Examination Requirements for Vessels With Wall Thickness 2 in. or Less	1974 Edition with the Summer 1975 Addenda	1986 Edition

Code Case		Applicability	
No.	Title	From	Up to and Including
N-435-1	Alternative Examination Requirements for Vessels With Wall Thickness 2 in. or Less	1974 Edition with the Summer 1975 Addenda	1995 Edition
N-436	Alternative Methods for Evaluation of Flaws in Austenitic Piping	1983 Edition	1986 Edition
N-436-1	Alternative Methods for Evaluation of Flaws in Austenitic Piping	1983 Edition	1986 Edition
N-437	Use of Digital Readout and Digital Measurement Devices for Performing Pressure Tests	1974 Edition	1986 Edition
N-444	Preparation of Inspection Plans	1974 Edition with the Summer 1975 Addenda	1986 Edition with the 1986 Addenda
N-445	Use of Later Edition of SNT-TC-1A for Qualification of Nondestructive Examination Personnel	1977 Edition with the Summer 1978 Addenda	1986 Edition
N-446	Recertification of Visual Examination Personnel	1977 Edition with the Summer 1978 Addenda	1986 Edition
N-448	Qualification of VT-2 and VT-3 Visual Examination Personnel	1977 Edition with the Summer 1978 Addenda	1986 Edition with the 1987 Addenda
N-449	Qualification of VT-4 Visual Examination Personnel	1977 Edition with the Summer 1978 Addenda	1983 Edition with the Winter 1983 Addenda
N-457	Qualification Specimen Notch Location for Ultrasonic Examination of Bolts and Studs	1983 Edition with the Winter 1983 Addenda	1992 Edition with the 1993 Addenda
N-458	Magnetic Particle Examination of Coated Materials	1980 Edition with the Winter 1981 Addenda	1995 Edition
N-458-1	Magnetic Particle Examination of Coated Materials	1980 Edition with the Winter 1981 Addenda	1995 Edition
N-460	Alternative Examination Coverage for Class 1 and Class 2 Welds	1974 Edition	2007 Edition
N-461	Alternative Rules for Piping Calibration Block Thickness	1974 Edition with the Summer 1975 Addenda	1995 Edition
N-461-1	Alternative Rules for Piping Calibration Block Thickness	1974 Edition with the Summer 1975 Addenda	1995 Edition
N-463	Evaluation Procedures and Acceptance Criteria for Flaws in Class 1 Ferritic Piping That Exceed the Acceptance Standards of IWB-3514.2	1983 Edition with the Winter 1983 Addenda	1989 Edition with the 1989 Addenda
N-463-1	Evaluation Procedures and Acceptance Criteria for Flaws in Class 1 Ferritic Piping That Exceed the Acceptance Standards of IWB-3514.2	1983 Edition with the Winter 1983 Addenda	1989 Edition with the 1989 Addenda
N-465	Alternative Rules for Pump Testing	1974 Edition with the Winter 1975 Addenda	1986 Edition with the 1987 Addenda
N-465-1	Alternative Rules for Pump Testing	1974 Edition with the 1975 Addenda	1995 Edition with the 1995 Addenda
N-471	Acoustic Emissions for Successive Inspections	1974 Edition	1998 Edition with the 1999 Addenda
N-472	Use of Digital Readout and Digital Measurement Devices for Performing Pump Vibration Testing	1974 Edition	1986 Edition with the 1987 Addenda
N-473	Alternate Rules for Valve Testing	1974 Edition with the Summer 1975 Addenda	1986 Edition with the 1987 Addenda
N-473-1	Alternative Rules for Valve Testing	1974 Edition with the 1975 Addenda	1995 Edition with the 1995 Addenda
N-478	Inservice Inspection for Class CC Concrete Components of Light-Water Cooled Power Plants	1974 Edition	1986 Edition with the 1987 Addenda
N-479	Boiling Water Reactor (BWR) Main Steam Hydrostatic Test	1977 Edition with the Winter 1977 Addenda	1989 Edition with the 1989 Addenda
N-479-1	Boiling Water Reactor (BWR) Main Steam Hydrostatic Test	1977 Edition with the Winter 1977 Addenda	1989 Edition with the 1990 Addenda
N-480	Examination Requirements for Pipe Wall Thinning Due to Single Phase Erosion and Corrosion	1974 Edition	1992 Edition with the 1993 Addenda
N-481	Alternative Examination Requirements for Cast Austenitic Pump Casings	1977 Edition with the Summer 1978 Addenda	1998 Edition with the 1999 Addenda
N-485	Eddy Current Examination of Coated Ferritic Surfaces as an Alternative to Surface Examination	1980 Edition with the Winter 1981 Addenda	1989 Edition with the 1990 Addenda
N-485-1	Eddy Current Examination of Coated Ferritic Surfaces as an Alternative to Surface Examination	1980 Edition with the Winter 1981 Addenda	1995 Edition
N-486	Inservice Inspection, Repair, and Replacement Requirements for Class MC and Metallic Liners of Class CC Components	1974 Edition	1989 Edition

Code Case No.	Title	Applicability	
		From	Up to and Including
N-489	Alternative Rules for Level III NDE Qualification Examinations	1974 Edition with the Summer 1975 Addenda	1989 Edition with the 1989 Addenda
N-490	Alternative Vision Test Requirements for Nondestructive Examiners	1974 Edition with the Summer 1975 Addenda	1989 Edition with the 1990 Addenda
N-490-1	Alternative Vision Test Requirements for Nondestructive Examiners	1974 Edition with the Summer 1975 Addenda	1989 Edition with the 1990 Addenda
N-491	Alternative Rules for Examination of Class 1, 2, 3, and MC Component Supports of Light-Water Cooled Power Plants	1977 Edition with the Summer 1978 Addenda	1989 Edition with the 1989 Addenda
N-491-1	Alternative Rules for Examination of Class 1, 2, 3, and MC Component Supports of Light-Water Cooled Power Plants	1977 Edition with the Summer 1978 Addenda	1989 Edition with the 1989 Addenda
N-491-2	Alternative Rules for Examination of Class 1, 2, 3, and MC Component Supports of Light-Water Cooled Power Plants	1977 Edition with the Summer 1978 Addenda	1995 Edition with the 1996 Addenda
N-494	Pipe Specific Evaluation Procedures and Acceptance Criteria for Flaws in Class 1 Ferritic Piping that Exceed the Acceptance Standards of IWB-3514.2	1974 Edition with the Winter 1975 Addenda	1995 Edition
N-494-1	Pipe Specific Evaluation Procedures and Acceptance Criteria for Flaws in Class 1 Ferritic Piping that Exceed the Acceptance Standards of IWB-3514.2	1974 Edition with the Winter 1975 Addenda	1995 Edition
N-494-2	Pipe Specific Evaluation Procedures and Acceptance Criteria for Flaws in Class 1 Ferritic Piping that Exceed the Acceptance Standards of IWB-3514.2	1974 Edition with the Winter 1975 Addenda	1995 Edition
N-494-3	Pipe Specific Evaluation Procedures and Acceptance Criteria for Flaws in Class 1 Ferritic Piping that Exceed the Acceptance Standards of IWB-3514.2 and in Class 1 Austenitic Piping that Exceed the Acceptance Standards of IWB-3514.3	1974 Edition with the Winter 1975 Addenda	1995 Edition
N-494-4	Pipe Specific Evaluation Procedures and Acceptance Criteria for Flaws in Piping that Exceed the Acceptance Standards	1983 Edition	2001 Edition
N-495	Hydrostatic Testing of Relief Valves	1977 Edition	1989 Edition with the 1990 Addenda
N-496	Helical-Coil Threaded Inserts	1977 Edition with the Summer 1978 Addenda	1989 Edition with the 1990 Addenda
N-496-1	Helical-Coil Threaded Inserts	1977 Edition with the Summer 1978 Addenda	1995 Edition
N-496-2	Helical-Coil Threaded Inserts	1977 Edition with the Summer 1978 Addenda	1998 Edition
N-498	Alternative Rules for 10-Year Hydrostatic Pressure Testing for Class 1 and 2 Systems	1974 Edition with the Summer 1975 Addenda	1992 Edition with the 1992 Addenda
N-498-1	Alternative Rules for 10-Year System Hydrostatic Testing for Class 1, 2, and 3 Systems	1974 Edition with the Summer 1975 Addenda	1998 Edition with the 2000 Addenda
N-498-2	Alternative Requirements for 10-Year System Hydrostatic Testing for Class 1, 2 and 3 Systems	1974 Edition with the Summer 1975 Addenda	1998 Edition with the 2000 Addenda
N-498-3	Alternative Requirements for 10-Year System Hydrostatic Testing for Class 1, 2 and 3 Systems	1974 Edition with the Summer 1975	1998 Edition with the 2000 Addenda
N-498-4	Alternative Requirements for 10-Year System Hydrostatic Testing for Class 1, 2 and 3 Systems	1974 Edition with the Summer 1975	1998 Edition with the 2000 Addenda
N-503	Limited Certification of Nondestructive Examination Personnel	1977 Edition with the Summer 1978 Addenda	1992 Edition
N-504	Alternative Rules for Repair of Class 1, 2, and 3 Austenitic Stainless Steel Piping	1977 Edition with the Summer 1978 Addenda	1986 Edition with the 1987 Addenda
N-504-1	Alternative Rules for Repair of Class 1, 2, and 3 Austenitic Stainless Steel Piping	1977 Edition with the Summer 1978 Addenda	1995 Edition
N-504-2	Alternative Rules for Repair of Class 1, 2, and 3 Austenitic Stainless Steel Piping	1977 Edition with the Summer 1978 Addenda	1995 Edition with the 1995 Addenda
N-504-3	Alternative Rules for Repair of Class 1, 2, and 3 Austenitic Stainless Steel Piping	1977 Edition with the Summer 1978 Addenda	2004 Edition
N-504-4	Alternative Rules for Repair of Class 1, 2, and 3 Austenitic Stainless Steel Piping	1977 Edition with the Summer 1978 Addenda	2004 Edition with the 2006 Addenda
N-508	Rotation of Serviced Snubbers and Pressure Relief Valves for the Purpose of Testing	1977 Edition	1989 Edition with the 1990 Addenda
N-508-1	Rotation of Serviced Snubbers and Pressure Relief Valves for the Purpose of Testing	1977 Edition	1995 Edition with the 1995 Addenda

Code Case No.	Title	Applicability	
		From	Up to and Including
N-508-2	Rotation of Serviced Snubbers and Pressure Relief Valves for the Purpose of Testing	1977 Edition	1998 Edition with the 2000 Addenda
N-508-3	Rotation of Serviced Snubbers and Pressure Relief Valves for the Purpose of Testing	1977 Edition with the Winter 1978 Addenda	2001 Edition with the 2003 Addenda
N-508-4	Rotation of Snubbers and Pressure Retaining Items for the Purpose of Testing or Preventive Maintenance	1989 Edition	2007 Edition with the 2008 Addenda
N-508-5	Rotation of Snubbers and Pressure Retaining Items for the Purpose of Testing or Preventive Maintenance	1989 Edition	2021 Edition
N-509	Alternative Rules for the Selection and Examination of Classes 1, 2, and 3 Integrally Welded Attachments	1977 Edition with the Summer 1978 Addenda	1995 Edition
N-512	Assessment of Reactor Vessels with Low Upper Shelf Charpy Impact Energy Levels	1986 Edition with the 1987 Addenda	1992 Edition with the 1992 Addenda
N-512-1	Assessment of Reactor Vessels with Low Upper Shelf Charpy Impact Energy Levels	1986 Edition with the 1987 Addenda	1995 Edition
N-513	Evaluation Criteria for Temporary Acceptance of Flaws in Class 3 Piping	1977 Edition with the Summer 1978 Addenda	2001 Edition
N-513-1	Evaluation Criteria for Temporary Acceptance of Flaws in Moderate Energy Class 2 or 3 Piping	1977 Edition with the Summer 1978 Addenda	2001 Edition
N-513-2	Evaluation Criteria for Temporary Acceptance of Flaws in Moderate Energy Class 2 or 3 Piping	1977 Edition with the Summer 1978 Addenda	2001 Edition with the 2003 Addenda
N-513-3	Evaluation Criteria for Temporary Acceptance of Flaws in Moderate Energy Class 2 or 3 Piping	1983 Edition with the Winter 1985 Addenda	2007 Edition with the 2008 Addenda
N-513-4	Evaluation Criteria for Temporary Acceptance of Flaws in Moderate Energy Class 2 or 3 Piping	1995 Edition with the 1996 Addenda	2019 Edition
N-513-5	Evaluation Criteria for Temporary Acceptance of Flaws in Moderate Energy Class 2 or 3 Piping and Gate Valves	1995 Edition with the 1996 Addenda	2021 Edition
N-513-6	Evaluation Criteria for Temporary Acceptance of Flaws in Moderate Energy Class 2 or 3 Piping and Gate Valves	1995 Edition with the 1996 Addenda	2021 Edition
N-514	Low Temperature Overpressure Protection	1986 Edition with the 1987 Addenda	1992 Edition with the 1992 Addenda
N-515	Class 1 Mechanical Joint- Pressure Tests	1980 Edition with the Winter 1980 Addenda	1989 Edition with the 1990 Addenda
N-516	Underwater Welding	1977 Edition with the Summer 1978 Addenda	1995 Edition with the 1995 Addenda
N-516-1	Underwater Welding	1977 Edition with the Summer 1978 Addenda	1995 Edition with the 1995 Addenda
N-516-2	Underwater Welding	1974 Edition with the Summer 1978 Addenda	1995 Edition with the 1996 Addenda
N-516-3	Underwater Welding	1977 Edition with the Summer 1978 Addenda	2013 Edition
N-516-4	Underwater Welding	1995 Edition with the 1996 Addenda	2013 Edition
N-516-5	Underwater Welding	1995 Edition with the 1996 Addenda	2015 Edition
N-517	Quality Assurance Program Requirements for Owners	1977 Edition with the Summer 1978 Addenda	1995 Edition
N-517-1	Quality Assurance Program Requirements for Owners	1977 Edition with the Summer 1978 Addenda	2004 Edition with the 2006 Addenda
N-521	Alternative Rules for Deferral of Inspections of Nozzle-to-Vessel Welds, Inside Radius Sections and Nozzle-to-Safe End Welds of Pressurized Water Reactor (PWR) Vessel	1977 Edition	1995 Edition
N-522	Pressure Testing of Containment Penetration Piping	1974 Edition	1995 Edition with the 1996 Addenda
N-523	Mechanical Clamping Devices for Class 2 and 3 Piping	1977 Edition with the Summer 1978 Addenda	1995 Edition with the 1996 Addenda
N-523-1	Mechanical Clamping Devices for Class 2 and 3 Piping	1977 Edition with the Summer 1978 Addenda	1995 Edition with the 1996 Addenda
N-523-2	Mechanical Clamping Devices for Class 2 and 3 Piping	1977 Edition with the Summer 1978 Addenda	1995 Edition with the 1996 Addenda
N-524	Alternative Examination Requirements for Longitudinal Welds in Class 1 and 2 Piping	1974 Edition with the Summer 1975 Addenda	1995 Edition

Code Case No.	Title	Applicability	
		From	Up to and Including
N-526	Alternative Requirements for Successive Inspections of Class 1 and 2 Vessels	1974 Edition	2010 Edition with the 2011 Addenda
N-528-1	Purchase, Exchange, or Transfer of Material Between Nuclear Plant Sites	1977 Edition with the Summer 1978 Addenda	2004 Edition with the 2005 Addenda
N-532	Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by IWA-4000 and IWA-6000	1974 Edition with the Summer 1975 Addenda	1998 Edition with the 2000 Addenda
N-532-1	Alternative Requirements to Repair and Replacement Documentation Requirements and Inservice Summary Report Preparation and Submission	1981 Edition with the Winter 1983 Addenda	1998 Edition with the 2000 Addenda
N-532-2	Alternative Requirements to Repair/Replacement Activity Documentation Requirements and Inservice Summary Report Preparation and Submission	1981 Edition with the Winter 1983 Addenda	2001 Edition with the 2002 Addenda
N-532-3	Alternative Requirements to Repair/Replacement Activity Documentation Requirements and Inservice Summary Report Preparation and Submission	1981 Edition with the Winter 1983 Addenda	2001 Edition with the 2003 Addenda
N-532-4	Repair/Replacement Activity Documentation Requirements and Inservice Summary Report Preparation and Submission	1983 Edition with the Winter 1983 Addenda	2013 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (b)]
N-532-5	Repair/Replacement Activity Documentation Requirements and Inservice Inspection Summary Report Preparation and Submission	1995 Edition with the 1996 Addenda	2013 Edition
N-532-6	Repair/Replacement Activity Documentation Requirements and Inservice Inspection Summary Report Preparation and Submission	1995 Edition with the 1996 Addenda	2013 Edition
N-533	Alternative Requirements for VT-2 Visual Examination of Class 1 Insulated Pressure-Retaining Bolted Connections	1986 Edition	1998 Edition with the 2000 Addenda
N-533-1	Alternative Requirements for VT-2 Visual Examination of Class 1, 2, and 3 Insulated Pressure Retaining Bolted Connections	1989 Edition	1998 Edition with the 2000 Addenda
N-534	Alternative Requirements for Pneumatic Pressure Testing	1977 Edition with the Summer 1978 Addenda	1995 Edition with the 1997 Addenda
N-535	Alternative Requirements for Inservice Inspection Intervals	1977 Edition	1995 Edition with the 1995 Addenda
N-537	Location of Ultrasonic Depth-Sizing Flaws	1989 Edition with the 1989 Addenda	2001 Edition
N-538	Alternative Requirements for Length Sizing Performance Demonstrations in Accordance with Appendix VIII, Supplements 2, 3, 10, 11, and 12	1989 Edition with the 1989 Addenda	1995 Edition with the 1995 Addenda
N-541	Alternative Requirements for Performance Demonstration in Accordance with Appendix VIII, Supplements 4 and 6	1992 Edition with the 1993 Addenda	1995 Edition
N-542	Alternative Requirements for Nozzle Inside Radius Section Length Sizing Performance Demonstration	1989 Edition with the 1989 Addenda	1995 Edition
N-543	Alternative to Performing Periodic Calibration Checks	1977 Edition with the Summer 1978 Addenda	1989 Edition
N-544	Repair/Replacement of Small Items	1977 Edition with the Summer 1978 Addenda	1995 Edition
N-545	Alternative Requirements for Conduct of Performance Demonstration Detection Test of Reactor Vessel	1989 Edition	2004 Edition
N-546	Alternative Requirements for Qualification of VT-2 Examination Personnel	1977 Edition	1995 Edition with the 1997 Addenda
N-547	Alternative Examination Requirements for Pressure Retaining Bolting of Control Rod Drive (CRD) Housings	1980 Edition with the Winter 1980 Addenda	1995 Edition
N-552	Alternative Methods — Qualification for Nozzle Inside Radius Section from the Outside Surface	1989 Edition with the 1989 Addenda	2004 Edition
N-552-1	Alternative Methods — Qualification for Nozzle Inside Radius Section from the Outside Surface	2004 Edition	2010 Edition with the 2011 Addenda
N-553	Inservice Eddy Current Surface Examination of Pressure Retaining Pipe Welds and Nozzle-to-Safe End Welds	1977 Edition	1995 Edition with the 1996 Addenda
N-553-1	Eddy Current Surface Examination	1977 Edition	1995 Edition with the 1996 Addenda

Code Case No.		Title	Applicability	
			From	Up to and Including
N-554	Alternative Requirements for Reconciliation of Replacement Items	1977 Edition	1995 Edition with the 1995 Addenda	
N-554-1	Alternative Requirements for Reconciliation of Replacement Items	1977 Edition	1995 Edition with the 1996 Addenda	
N-554-2	Alternative Requirements for Reconciliation of Replacement Items and Addition of New Systems	1977 Edition	1998 Edition	
N-554-3	Alternative Requirements for Reconciliation of Replacement Items and Addition of New Systems	1977 Edition	2001 Edition with the 2002 Addenda	
N-555	Use of Section II, V, and IX Code Cases	1977 Edition with the Summer 1978 Addenda	2001 Edition	
N-556	Alternative Requirements for Verification of Acceptability of Replacements	1977 Edition	1992 Edition with the 1993 Addenda	
N-557	In-Place Dry Annealing of a PWR Nuclear Reactor Vessel	1974 Edition with the Summer 1975 Addenda	1995 Edition	
N-557-1	In-Place Dry Annealing of a PWR Nuclear Reactor Vessel	1974 Edition with the Summer 1975 Addenda	1995 Edition	
N-560	Alternative Examination Requirements for Class 1, Category B-J Piping Welds	1974 Edition	2004 Edition	
N-560-1	Alternative Examination Requirements for Class 1, Category B-J Piping Welds	1974 Edition	2004 Edition	
N-560-2	Alternative Examination Requirements for Class 1, Category B-J Piping Welds	1977 Edition	2004 Edition	
N-561	Alternative Requirements for Wall Thickness Restoration of Class 2 and High Energy Class 3 Carbon Steel Piping	1977 Edition	2004 Edition	
N-561-1	Alternative Requirements for Wall Thickness Restoration of Class 2 and High Energy Class 3 Carbon Steel Piping	1977 Edition	2004 Edition with the 2005 Addenda	
N-561-2	Alternative Requirements for Wall Thickness Restoration of Class 2 and High Energy Class 3 Carbon Steel Piping	1977 Edition	2015 Edition	
N-561-3	Alternative Requirements for Wall Thickness Restoration of Class 2 and High Energy Class 3 Carbon Steel Piping	1977 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]	
N-561-4	Alternative Requirements for Wall Thickness Restoration of Class 2 and High Energy Class 3 Carbon Steel Piping	1977 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]	
N-562	Alternative Requirements for Wall Thickness Restoration of Class 3 Moderate-Energy Carbon Steel Piping	1977 Edition	2004 Edition	
N-562-1	Alternative Requirements for Wall Thickness Restoration of Class 3 Moderate-Energy Carbon Steel Piping	1977 Edition	2004 Edition with the 2005 Addenda	
N-562-2	Alternative Requirements for Wall Thickness Restoration of Class 3 Moderate-Energy Carbon Steel Piping	1977 Edition	2015 Edition	
N-562-3	Alternative Requirements for Wall Thickness Restoration of Class 3 Moderate-Energy Carbon Steel Piping	2013 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]	
N-562-4	Alternative Requirements for Wall Thickness Restoration of Class 3 Moderate-Energy Carbon Steel Piping	2013 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]	
N-563	Grading of Examinations, IWA-2320	1986 Edition with the 1988 Addenda	1992 Edition	
N-566	Corrective Action for Leakage Identified at Bolted Connections	1983 Edition with the Winter 1984 Addenda	2004 Edition	
N-566-1	Corrective Action for Leakage Identified at Bolted Connections	1983 Edition with the Winter 1984 Addenda	2004 Edition	
N-566-2	Corrective Action for Leakage Identified at Bolted Connections	1983 Edition with the Winter 1984 Addenda	2004 Edition with the 2006 Addenda	
N-567	Alternative Requirements for Class 1, 2, and 3 Replacement Components	1977 Edition with the Summer 1978 Addenda	1998 Edition	
N-567-1	Reconciliation Requirements for Class 1, 2, and 3 Replacement Components	1977 Edition with the Summer 1978 Addenda	1998 Edition	
N-568	Alternative Examination Requirements for Welded Attachments	1974 Edition with the Summer 1975 Addenda	1989 Edition with the 1990 Addenda	
N-569	Alternative Rules for Repair by Electrochemical Deposition of Class 1 and 2 Steam Generator Tubing	1977 Edition with the Summer 1978 Addenda	2004 Edition	

Code Case No.		Title	Applicability	
			From	Up to and Including
N-569-1	Alternative Rules for Repair by Electrochemical Deposition of Class 1 and 2 Steam Generator Tubing	1977 Edition with the Summer 1978 Addenda	2019 Edition	
N-573	Transfer of Procedure Qualification Records Between Owners	1977 Edition with the Summer 1978 Addenda	1995 Edition with the 1996 Addenda	
N-574	NDE Personnel Recertification Frequency	1974 Edition with the Summer 1975 Addenda	1995 Edition with the 1996 Addenda	
N-575	Alternative Examination Requirements for Full Penetration Nozzle-to-Vessel Welds in Reactor Vessels with Set-On Type Nozzles	1989 Edition	2021 Edition	
N-576	Repair of Class 1 and 2 SB-163, UNS N06600 Steam Generator Tubing	1977 Edition with the Summer 1978 Addenda	1998 Edition with the 2000 Addenda	
N-576-1	Repair of Classes 1 and 2 SB-163, UNS N06600 Steam Generator Tubing	1977 Edition with the Summer 1978 Addenda	2015 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (d)]	
N-576-2	Repair of Classes 1 and 2 SB-163, UNS N06600 Steam Generator Tubing	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (d)]	
N-577	Risk-Informed Requirements for Class 1, 2, and 3 Piping, Method A	1977 Edition	2004 Edition	
N-577-1	Risk-Informed Requirements for Class 1, 2, or 3 Piping, Method A	1977 Edition	2004 Edition	
N-578	Risk-Informed Requirements for Class 1, 2, and 3 Piping, Method B	1977 Edition	2004 Edition	
N-578-1	Risk-Informed Requirements for Class 1, 2, or 3 Piping, Method B	1977 Edition	2004 Edition	
N-583	Annual Training Alternative	1986 Edition with the 1988 Addenda	1998 Edition	
N-586	Alternative Additional Examination Requirements for Class 1, 2, and 3 Piping, Components, and Supports	1977 Edition with the Summer 1978 Addenda	2004 Edition	
N-586-1	Alternative Additional Examination Requirements for Class 1, 2, and 3 Piping, Components, and Supports	1977 Edition with the Summer 1978 Addenda	2007 Edition with the 2008 Addenda	
N-587	Alternative NDE Requirements for Repair/Replacement Activities	1977 Edition with the Summer 1978 Addenda	1995 Edition with the 1997 Addenda	
N-588	Alternative to Reference Flaw Orientation of Appendix G for Circumferential Welds in Reactor Vessels	1986 Edition with the 1987 Addenda	1995 Edition with the 1997 Addenda	
N-589	Class 3 Nonmetallic Cured-In-Place Piping	1977 Edition with the Summer 1978 Addenda	2004 Edition	
N-589-1	Class 3 Nonmetallic Cured-In-Place Piping	1977 Edition with the Summer 1978 Addenda	2021 Edition	
N-590	Alternative to the Requirements of Subsection IWE, Requirements for Class MC and Metallic Liners of Class CC Components of Light-Water Cooled Plants	1992 Edition	1995 Edition with the 1997 Addenda	
N-591	Alternative to the Requirements of Subsection IWL, Requirements for Class CC Concrete Components of Light-Water Cooled Plants	1992 Edition	1995 Edition with the 1996 Addenda	
N-592	ASNT Central Certification Program	1974 Edition	1998 Edition	
N-593	Alternative Examination Requirements for Steam Generator Nozzle-to-Vessel Welds	1974 Edition	2004 Edition	
N-593-1	Examination Requirements for Steam Generator Nozzle-to-Vessel Welds	1974 Edition	2015 Edition	
N-593-2	Examination Requirements for Steam Generator Nozzle-to-Vessel Welds	1974 Edition	2021 Edition	
N-597	Requirements for Analytical Evaluation of Pipe Wall Thinning	1974 Edition	2004 Edition	
N-597-1	Requirements for Analytical Evaluation of Pipe Wall Thinning	1974 Edition	2004 Edition	
N-597-2	Requirements for Analytical Evaluation of Pipe Wall Thinning	1974 Edition	2017 Edition	
N-597-3	Evaluation of Pipe Wall Thinning	1974 Edition	2021 Edition	
N-597-4	Evaluation of Pipe Wall Thinning	1974 Edition	2021 Edition	
N-597-5	Evaluation of Pipe Wall Thinning	1974 Edition	2021 Edition	
N-598	Alternative Requirements to Required Percentages of Examinations	1977 Edition	1995 Edition with the 1997 Addenda	

Code Case No.	Title	Applicability	
		From	Up to and Including
N-599	Alternatives to Qualification of Nondestructive Examination Personnel for Inservice Inspection of Metal (Class MC) and Concrete (Class CC) Containments	1992 Edition with the 1992 Addenda	1995 Edition with the 1997 Addenda
N-600	Transfer of Welder, Welding Operator, Brazer, and Brazing Operator Qualifications Between Owners	1977 Edition with the Summer 1978 Addenda	2010 Edition with the 2011 Addenda
N-601	Extent and Frequency of VT-3 Visual Examination for Inservice Inspection of Metal Containments	1989 Edition	1995 Edition with the 1997 Addenda
N-603	Alternative to the Requirements of IWL-2421, Sites With Two Plants	1989 Edition with the 1991 Addenda	1995 Edition with the 1996 Addenda
N-604	Alternative to Bolt Torque or Tension Test Requirements of Table IWE-2500-1, Category E-G, Item E8.20	1989 Edition	1995 Edition with the 1997 Addenda
N-605	Alternative to the Requirements of IWE-2500(c) for Augmented Examination of Surface Areas	1989 Edition	1995 Edition with the 1997 Addenda
N-606	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1977 Edition with the Summer 1978 Addenda	2004 Edition
N-606-1	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique for BWR CRD Housing/Stub Tube Repairs	1977 Edition with the Summer 1978 Addenda	2017 Edition
N-606-2	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique for BWR CRD Housing/Stub Tube Repairs	1977 Edition with the Summer 1978 Addenda	2021 Edition
N-609	Alternative Requirements to Stress-Based Selection Criteria for Category B-J Welds	1977 Edition	2004 Edition with the 2005 Addenda
N-609-1	Alternative Requirements to Stress-Based Selection Criteria for Category B-J Welds	1977 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (h)]
N-613	Ultrasonic Examination of Full Penetration Nozzles in Vessels, Examination Category B-D, Item No's. B3.10 and B3.90, Reactor Vessel-to-Nozzle Welds, Figures IWB-2500-7(a), (b), and (c)	1989 Edition with the 1989 Addenda	2007 Edition with the 2008 Addenda
N-613-1	Ultrasonic Examination of Full Penetration Nozzles in Vessels, Examination Category B-D, Item No's. B3.10 and B3.90, Reactor Nozzle-to-Vessel Welds, Figures IWB-2500-7(a), (b), and (c)	1989 Edition with the 1989 Addenda	2007 Edition with the 2008 Addenda
N-613-2	Ultrasonic Examination of Full Penetration Nozzles in Vessels, Examination Category B-D, Reactor Nozzle- to-Vessel Welds and Nozzle Inside Radius Section, Figures IWB-2500-7(a), (b), (c), and (d)	1989 Edition	2021 Edition
N-615	Ultrasonic Examination as a Surface Examination Method for Category B-F and B-J Piping Welds	1977 Edition with the Summer 1978 Addenda	1998 Edition with the 2000 Addenda
N-617	Alternative Examination Distribution Requirements for Table IWC-2500-1 Examination Category C-G, Pressure Retaining Welds in Pumps and Valves	1977 Edition with the Summer 1978 Addenda	1998 Edition with the 1999 Addenda
N-618	Use of a Reactor Pressure Vessel as a Transportation Containment System	1983 Edition	2019 Edition
N-619	Alternative Requirements for Nozzle Inner Radius Inspections for Class 1 Pressurizer and Steam Generator Nozzles	1977 Edition with the Summer 1978 Addenda	1998 Edition
N-622	Ultrasonic Examination of RPV and Piping, Bolts, and Studs	1989 Edition with the 1989 Addenda	2001 Edition
N-623	Deferral of Inspections of Shell-to-Flange and Head-to- Flange Welds of a Reactor Vessel	1977 Edition with the Summer 1978 Addenda	1998 Edition
N-624	Successive Inspections	1977 Edition with the Summer 1978 Addenda	2007 Edition
N-627	VT-1 Visual Examination in Lieu of Surface Examination for RPV Closure Nuts	1977 Edition with the 1978 Addenda	1989 Edition
N-630	Alternatives to VT-1C and VT-3C Visual Examination for Inservice Inspection of Concrete and VT-1 Visual Examination for Inservice Inspection of Anchorage Hardware and Surrounding Concrete for Concrete Containments	1992 Edition with the 1992 Addenda	1995 Edition with the 1996 Addenda
N-638	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1977 Edition with the Summer 1978 Addenda	2004 Edition

Code Case No.	Title	Applicability	
		From	Up to and Including
N-638-1	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1977 Edition with the Summer 1978 Addenda	2007 Edition with the 2008 Addenda
N-638-2	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	2004 Edition
N-638-3	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	2004 Edition
N-638-4	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	2010 Edition with the 2011 Addenda [see Guideline for Cross-Referencing Section XI, Table 1, General Note (c)]
N-638-5	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	2010 Edition with the 2011 Addenda [see Guideline for Cross-Referencing Section XI, Table 1, General Note (c)]
N-638-6	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	2010 Edition with the 2011 Addenda [see Guideline for Cross-Referencing Section XI, Table 1, General Note (c)]
N-638-7	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-638-8	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-638-9	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-638-10	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-638-11	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-639	Alternative Calibration Block Material	1986 Edition with the 1987 Addenda	2021 Edition
N-639-1	Alternative Calibration Block Material	1986 Edition with the 1987 Addenda	2021 Edition
N-640	Alternative Reference Fracture Toughness for Development of P-T Limit Curves	1986 Edition with the 1987 Addenda	1998 Edition
N-641	Alternative Pressure-Temperature Relationship and Low Temperature Overpressure Protection System Requirements	1977 Edition with the Summer 1978 Addenda	2021 Edition
N-643	Fatigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment	1977 Edition with the Summer 1978 Addenda	2004 Edition
N-643-1	Fatigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment	1977 Edition with the Summer 1978 Addenda	2004 Edition
N-643-2	Fatigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment	1977 Edition with the Summer 1978 Addenda	2021 Edition
N-647	Alternative to Augmented Examination Requirements of IWE-2500	1977 Edition with the Summer 1978 Addenda	1998 Edition with the 2000 Addenda
N-648	Alternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1977 Edition with the Summer 1978 Addenda	2004 Edition
N-648-1	Alternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1977 Edition with the Summer 1978 Addenda	2017 Edition
N-648-2	Alternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1983 Edition with the Winter 1983 Addenda	2021 Edition
N-649	Alternative Requirements for IWE-5240 Visual Examination	1989 Edition	1998 Edition with the 2000 Addenda
N-651	Ferritic and Dissimilar Metal Welding Using SMAW Temper Bead Technique Without Removing the Weld Bead Crown of the First Layer	1977 Edition with the Summer 1978 Addenda	2021 Edition
N-652	Alternative Requirements to Categories B-G-1, B-G-2, and C-D Bolting Examination Methods and Selection Criteria	1977 Edition	2001 Edition

Code Case No.	Title	Applicability	
		From	Up to and Including
N-652-1	Alternative Requirements to Categories B-G-1, B-G-2, and C-D Bolting Examination Methods and Selection Criteria	1977 Edition	2001 Edition with the 2003 Addenda
N-652-2	Alternative Requirements to Categories B-G-1, B-G-2, and C-D Bolting Examination Methods and Selection Criteria	1977 Edition	2010 Edition
N-653	Qualification Requirements for Full Structural Overlaid Wrought Austenitic Piping Welds	1989 Edition with the 1989 Addenda	2004 Edition
N-653-1	Qualification Requirements for Full Structural Overlaid Wrought Austenitic Piping Welds	1989 Edition with the 1989 Addenda	2019 Edition
N-653-2	Qualification Requirements for Full Structural Overlaid Wrought Austenitic Piping Welds	1989 Edition with the 1989 Addenda	2021 Edition
N-654	Acceptance Criteria for Flaws in Ferritic Steel Components 4 in. and Greater in Thickness	1974 Edition	2021 Edition
N-658	Qualification Requirements for Ultrasonic Examination of Wrought Austenitic Piping Welds	1989 Edition with the 1989 Addenda	2001 Edition
N-660	Risk-Informed Safety Classification for Use in Risk-Informed Repair/Replacement Activities	1980 Edition with the Winter 1981 Addenda	2021 Edition
N-661	Alternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service	1977 Edition	2004 Edition with the 2005 Addenda
N-661-1	Alternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service	1977 Edition	2004 Edition with the 2005 Addenda
N-661-2	Alternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service	1977 Edition	2015 Edition
N-661-3	Alternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service	1977 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-661-4	Alternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service	2013 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-661-5	Alternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service	2013 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-662	Alternative Repair/Replacement Requirements for Items Classified in Accordance With Risk-Informed Processes	1980 Edition with the Winter 1981 Addenda	2001 Edition with the 2002 Addenda
N-662-1	Alternative Repair/Replacement Requirements for Items Classified in Accordance With Risk-Informed Processes	1995 Edition with the 1996 Addenda	2007 Edition with the 2009 Addenda
N-663	Alternative Requirements for Classes 1 and 2 Surface Examinations	1986 Edition	2010 Edition with the 2011 Addenda
N-663-1	Alternative Requirements for Classes 1 and 2 Surface Examinations	1986 Edition	2010 Edition with the 2011 Addenda
N-664	Performance Demonstration Requirements for Examination of Unclad Reactor Pressure Vessel Welds, Excluding Flange Welds	1989 Edition with the 1989 Addenda	2001 Edition with the 2002 Addenda
N-665	Alternative Requirements for Angle Beam Measurements Using Refracted Longitudinal Wave Search Units	1983 Edition with the Winter 1985 Addenda	2001 Edition with the 2002 Addenda
N-666	Weld Overlay of Class 1, 2, and 3 Socket Welded Connections	1980 Edition with the Winter 1981 Addenda	2015 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (c)]
N-666-1	Weld Overlay of Class 1, 2, and 3 Socket Welded Connections	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (c)]
N-666-2	Weld Overlay of Class 1, 2, and 3 Socket Welded Connections	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (c)]
N-683	Method for Determining Maximum Allowable False Calls When Performing Single-Sided Access Performance Demonstration in Accordance With, Appendix VIII, Supplements 4 and 6	1989 Edition with the 1989 Addenda	2001 Edition with the 2002 Addenda
N-685	Lighting Requirements for Surface Examination	1998 Edition	2001 Edition with the 2003 Addenda
N-686	Alternative Requirements for Visual Examinations, VT-1, VT-2, and VT-3	1989 Edition with the 1990 Addenda	1998 Edition with the 2000 Addenda
N-686-1	Alternative Requirements for Visual Examinations, VT-1, VT-2, and VT-3	1989 Edition with the 1990 Addenda	2004 Edition

Code Case No.	Title	Applicability	
		From	Up to and Including
N-691	Application of Risk-Informed Insights to Increase the Inspection Interval for Pressurized Water Reactor Vessels	1986 Edition	2004 Edition with the 2006 Addenda
N-691-1	Application of Risk-Informed Insights to Increase the Inspection Interval for Pressurized Water Reactor Vessels	1989 Edition	2021 Edition
N-694	Evaluation Procedure and Acceptance Criteria for PWR Reactor Vessel Upper Head Penetration Nozzles	1983 Edition	2001 Edition with the 2003 Addenda
N-694-1	Evaluation Procedure and Acceptance Criteria for PWR Reactor Vessel Head Penetration Nozzles	1983 Edition	2001 Edition with the 2003 Addenda
N-694-2	Evaluation Procedure and Acceptance Criteria for PWR Reactor Vessel Head Penetration Nozzles	1983 Edition	2001 Edition with the 2003 Addenda
N-695	Qualification Requirements for Dissimilar Metal Piping Welds	1989 Edition with the 1989 Addenda	2001 Edition with the 2003 Addenda
N-695-1	Qualification Requirements for Dissimilar Metal Piping Welds	2001 Edition	2013 Edition
N-696	Qualification Requirements for Appendix VIII Piping Examinations Conducted From the Inside Surface	1989 Edition with the 1989 Addenda	2001 Edition with the 2003 Addenda
N-696-1	Qualification Requirements for Mandatory Appendix VIII Piping Examinations Conducted From the Inside Surface	2001 Edition	2021 Edition
N-697	Pressurized Water Reactor (PWR) Examination and Alternative Examination Requirements for Pressure Retaining Welds in Control Rod Drive and Instrument Nozzle Housings	1977 Edition	2001 Edition with the 2003 Addenda
N-700	Alternative Rules for Selection of Classes 1, 2, and 3 Vessel Welded Attachments for Examination	1995 Edition with the 1996 Addenda	2001 Edition with the 2003 Addenda
N-702	Alternative Requirements for Boiling Water Reactor (BWR) Nozzle Inner Radius and Nozzle-to-Shell Welds	1986 Edition	2015 Edition
N-702-1	Alternative Requirements for Boiling Water Reactor (BWR) Nozzle Inner Radius and Nozzle-to-Shell Welds	1986 Edition	2017 Edition
N-705	Evaluation Criteria for Temporary Acceptance of Degradation in Moderate Energy Class 2 or 3 Vessels and Tanks	1983 Edition with the 1985 Addenda	2010 Edition with the 2011 Addenda
N-705-1	Evaluation Criteria for Temporary Acceptance of Degradation in Moderate Energy Class 2 or 3 Vessels and Tanks	1983 Edition with the 1985 Addenda	2021 Edition
N-706	Alternative Examination Requirements to Table IWB-2500-1 and Table IWC-2500-1 for PWR Stainless Steel Residual and Regenerative Heat Exchangers	1977 Edition	2004 Edition with the 2005 Addenda
N-706-1	Alternative Examination Requirements to Table IWB-2500-1 and Table IWC-2500-1 for PWR Stainless Steel Residual and Regenerative Heat Exchangers	1977 Edition	2010 Edition with the 2011 Addenda
N-711	Alternative Examination Coverage Requirements for Examination Category B-F, B-J, C-F-1, C-F-2, and R-A Piping Welds	1989 Edition	2017 Edition
N-711-1	Alternative Examination Coverage Requirements for Examination Category B-F, B-J, C-F-1, C-F-2, and R-A Piping Welds	1989 Edition	2021 Edition
N-711-2	Alternative Examination Coverage Requirements for Examination Category B-F, B-J, C-F-1, C-F-2, and R-A Piping Welds	1989 Edition	2021 Edition
N-712	Class 1 Socket Weld Examinations	1986 Edition	2010 Edition with the 2011 Addenda
N-713	Ultrasonic Examination in Lieu of Radiography	1986 Edition	2019 Edition
N-716	Alternative Piping Classification and Examination Requirements	1989 Edition	2004 Edition with the 2006 Addenda
N-716-1	Alternative Piping Classification and Examination Requirements	1995 Edition	2017 Edition
N-716-2	Alternative Classification and Examination Requirements	1995 Edition	2021 Edition
N-716-3	Alternative Classification and Examination Requirements	1995 Edition	2021 Edition
N-722	Additional Examinations for PWR Pressure Retaining Welds in Class 1 Components Fabricated With Alloy 600/82/182 Materials	1980 Edition	2013 Edition
N-722-1	Additional Examinations for PWR Pressure Retaining Welds in Class 1 Components Fabricated With Alloy 600/82/182 Materials	1980 Edition	2021 Edition
N-722-2	Visual Examinations for PWR Pressure Retaining Welds in Class 1 Components Fabricated With Alloy 600/82/182 Materials	1980 Edition	2021 Edition

Code Case No.	Title	Applicability	
		From	Up to and Including
N-729	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	1980 Edition	2004 Edition
N-729-1	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	1980 Edition	2004 Edition
N-729-2	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	1980 Edition	2004 Edition
N-729-3	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	2004 Edition	2015 Edition
N-729-4	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	2004 Edition	2019 Edition
N-729-5	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	2004 Edition	2019 Edition
N-729-6	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	2004 Edition	2021 Edition
N-729-7	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	2004 Edition	2021 Edition
N-729-8	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	2004 Edition	2021 Edition
N-729-9	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	2004 Edition	2021 Edition
N-729-10	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	2007 Edition	2021 Edition
N-730	Roll Expansion of Class 1 Control Rod Drive Bottom Head Penetrations in BWRs	1989 Edition	2015 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (e)]
N-730-1	Roll Expansion of Class 1 Control Rod Drive Bottom Head Penetrations in BWRs	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (e)]
N-731	Alternative Class 1 System Leakage Test Pressure Requirements	1989 Edition	2015 Edition
N-733	Mitigation of Flaws in NPS 2 (DN 50) and Smaller Nozzles and Nozzle Partial Penetration Welds in Vessels and Piping by Use of a Mechanical Connection Modification	1983 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (f)]
N-733-1	Mitigation of Flaws in NPS 3 (DN 80) and Smaller Nozzles and Nozzle Partial Penetration Welds in Vessels and Piping by Use of a Mechanical Connection Modification	2001 Edition with the 2003 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (f)]
N-735	Successive Inspections of Class 1 and 2 Piping Welds	1995 Edition with the 1996 Addenda	2021 Edition
N-739	Alternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations	1992 Edition with the 1992 Addenda	2004 Edition with the 2006 Addenda
N-739-1	Alternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations	1992 Edition with the 1992 Addenda	2004 Edition with the 2006 Addenda
N-740	Dissimilar Metal Weld Overlay for Repair of Class 1, 2, and 3 Items	1980 Edition with Winter 1981 Addenda	2021 Edition
N-740-1	Dissimilar Metal Weld Overlay for Repair or Mitigation of Class 1, 2, and 3 Items	1980 Edition with Winter 1981 Addenda	2021 Edition
N-740-2	Full Structural Dissimilar Metal Weld Overlay for Repair or Mitigation of Class 1, 2, and 3 Items	1986 Edition with the 1988 Addenda	2021 Edition
N-747	Reactor Vessel Head-to-Flange Weld Examination	1989 Edition	2015 Edition

Code Case No.	Title	Applicability	
		From	Up to and Including
N-749	Alternative Acceptance Criteria for Flaws in Ferritic Steel Components Operating in the Upper Shelf Temperature Range	1998 Edition with the 2000 Addenda	2021 Edition
N-751	Pressure Testing of Containment Penetration Piping	1989 Edition	2019 Edition
N-752	Risk-Informed Categorization and Treatment for Repair/ Replacement Activities in Class 2 and 3 Systems	1995 Edition with the 1996 Addenda	2017 Edition
N-752-1	Risk-Informed Categorization and Treatment for Repair/ Replacement Activities in Class 2 and 3 Systems	1995 Edition with the 1996 Addenda	2021 Edition
N-753	Vision Tests	1986 Edition with the 1988 Addenda	2004 Edition with the 2006 Addenda
N-754	Optimized Structural Dissimilar Metal Weld Overlay for Mitigation of PWR Class 1 Items	1986 Edition with the 1988 Addenda	2010 Edition
N-754-1	Optimized Structural Dissimilar Metal Weld Overlay for Mitigation of PWR Class 1 Items	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-754-2	Optimized Structural Dissimilar Metal Weld Overlay for Mitigation of PWR Class 1 Items	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-755	Use of Polyethylene (PE) Plastic Pipe	1995 Edition with the 1995 Addenda	2015 Edition
N-755-1	Use of Polyethylene (PE) Plastic Pipe	1995 Edition with the 1995 Addenda	2015 Edition
N-762	Temper Bead Procedure Qualification Requirements for Repair/Replacement Activities Without Postweld Heat Treatment	1995 Edition with the 1995 Addenda	2010 Edition
N-762-1	Temper Bead Procedure Qualification Requirements for Repair/ Replacement Activities Without Postweld Heat Treatment	1995 Edition with the 1995 Addenda	2010 Edition
N-765	Alternative to Inspection Interval Scheduling Requirements of IWA-2430	1989 Edition	2007 Edition with the 2008 Addenda
N-766	Nickel Alloy Reactor Coolant Inlay and Onlay for Mitigation of PWR Full Penetration Circumferential Nickel Alloy Dissimilar Metal Welds in Class 1 Items	1986 Edition with the 1988 Addenda	2017 Edition
N-766-1	Nickel Alloy Reactor Coolant Inlay and Onlay for Mitigation of PWR Full Penetration Circumferential Nickel Alloy Dissimilar Metal Welds in Class 1 Items	1995 Edition with the 1996 Addenda	2019 Edition
N-766-2	Nickel Alloy Reactor Coolant Inlay and Onlay for Mitigation of PWR Full Penetration Circumferential Nickel Alloy Dissimilar Metal Welds in Class 1 Items	1995 Edition with the 1996 Addenda	2019 Edition
N-766-3	Nickel Alloy Reactor Coolant Inlay and Onlay for Mitigation of PWR Full Penetration Circumferential Nickel Alloy Dissimilar Metal Welds in Class 1 Items	1995 Edition with the 1996 Addenda	2021 Edition
N-766-4	Nickel Alloy Reactor Coolant Inlay and Onlay for Mitigation of PWR Full Penetration Circumferential Nickel Alloy Dissimilar Metal Welds in Class 1 Items	1995 Edition with the 1996 Addenda	2021 Edition
N-768	Alternative Volumetric Coverage Requirements for Ultrasonic Examination of Class 1 and 2 Pressure Vessel Weld Joints Greater Than 2 in. (50 mm) in Thickness	2001 Edition with the 2003 Addenda	2021 Edition
N-769	Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs	1989 Edition	2015 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (e)]
N-769-1	Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs	1989 Edition	2015 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (e)]
N-769-2	Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (e)]
N-770	Alternative Examination Requirements and Acceptance Standards for Class 1 PWR Piping and Vessel Nozzle Butt Welds Fabricated With UNS N06082 or UNS W86182 Weld Filler Material With or Without Application of Listed Mitigation Activities	1989 Edition	2015 Edition

Code Case No.	Title	Applicability	
		From	Up to and Including
N-770-1	Alternative Examination Requirements and Acceptance Standards for Class 1 PWR Piping and Vessel Nozzle Butt Welds Fabricated With UNS N06082 or UNS W86182 Weld Filler Material With or Without Application of Listed Mitigation Activities	1989 Edition	2015 Edition
N-770-2	Alternative Examination Requirements and Acceptance Standards for Class 1 PWR Piping and Vessel Nozzle Butt Welds Fabricated With UNS N06082 or UNS W86182 Weld Filler Material With or Without Application of Listed Mitigation Activities	1989 Edition	2019 Edition
N-770-3	Alternative Examination Requirements and Acceptance Standards for Class 1 PWR Piping and Vessel Nozzle Butt Welds Fabricated With UNS N06082 or UNS W86182 Weld Filler Material With or Without Application of Listed Mitigation Activities	1989 Edition	2019 Edition
N-770-4	Alternative Examination Requirements and Acceptance Standards for Class 1 PWR Piping and Vessel Nozzle Butt Welds Fabricated With UNS N06082 or UNS W86182 Weld Filler Material With or Without Application of Listed Mitigation Activities	1989 Edition	2019 Edition
N-770-5	Alternative Examination Requirements and Acceptance Standards for Class 1 PWR Piping and Vessel Nozzle Butt Welds Fabricated With UNS N06082 or UNS W86182 Weld Filler Material With or Without Application of Listed Mitigation Activities	1989 Edition	2021 Edition
N-770-6	Alternative Examination Requirements and Acceptance Standards for Class 1 PWR Piping and Vessel Nozzle Butt Welds Fabricated With UNS N06082 or UNS W86182 Weld Filler Material With or Without Application of Listed Mitigation Activities	1989 Edition	2021 Edition
N-770-7	Alternative Examination Requirements and Acceptance Standards for Class 1 PWR Piping and Vessel Nozzle Butt Welds Fabricated With UNS N06082 or UNS W86182 Weld Filler Material With or Without Application of Listed Mitigation Activities	1989 Edition	2021 Edition
N-771	Alternative Requirements for Additional Examinations of Class 2 or 3 Items	1992 Edition	2021 Edition
N-773	Alternative Qualification Criteria for Eddy Current Examinations of Piping Inside Surfaces	1995 Edition with the 1996 Addenda	2015 Edition
N-775	Alternative Requirements for Bolting Affected by Borated Water Leakage	1989 Edition	2010 Edition with the 2011 Addenda
N-776	Alternative to IWA-5244 Requirements for Buried Piping	1989 Edition	2010 Edition
N-778	Alternative Requirements for Preparation and Submittal of Plans, Schedules, and Preservice and Inservice Inspection Summary Reports	1989 Edition	2007 Edition with the 2009 Addenda
N-778-1	Alternative Requirements for Preparation and Submittal of Plans, Schedules, and Preservice and Inservice Inspection Summary Reports	1989 Edition	2007 Edition with the 2009 Addenda
N-780	Alternative Requirements for Upgrade, Substitution, or Reconfiguration of Examination Equipment When Using Appendix VIII Qualified Ultrasonic Examination Systems	1989 Edition with the 1989 Addenda	2021 Edition
N-780-1	Alternative Requirements for Upgrade, Substitution, or Reconfiguration of Examination Equipment When Using Appendix VIII Qualified Ultrasonic Examination Systems	1989 Edition with the 1989 Addenda	2021 Edition
N-784	Experience Credit for Ultrasonic Examiner Certification	1995 Edition	2010 Edition
N-786	Alternative Requirements for Sleeve Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping	1995 Edition with the 1996 Addenda	2017 Edition
N-786-1	Alternative Requirements for Sleeve Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]

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		From	Up to and Including
N-786-2	Alternative Requirements for Sleeve Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-786-3	Alternative Requirements for Sleeve Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-786-4	Alternative Requirements for Sleeve Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-788	Third Party NDE Certification Organizations	1995 Edition	2021 Edition
N-788-1	Third Party NDE Certificate Organization	1995 Edition	2021 Edition
N-789	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping for Raw Water Service	1995 Edition with the 1996 Addenda	2017 Edition
N-789-1	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping for Raw Water Service	1995 Edition with the 1996 Addenda	2017 Edition
N-789-2	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping for Raw Water Service	1998 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-789-3	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping for Raw Water Service	1998 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-789-4	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping for Raw Water Service	1998 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-789-5	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping for Raw Water Service	1998 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-795	Alternative Requirements for BWR Class 1 System Leakage Test Pressure Following Repair/Replacement Activities	1998 Edition with the 1999 Addenda	2015 Edition
N-798	Alternative Pressure Testing Requirements for Class 1 Piping Between the First and Second Vent, Drain, and Test Isolation Devices	1992 Edition with the 1993 Addenda	2015 Edition
N-799	Dissimilar Metal Welds Joining Vessel Nozzles to Components	1995 Edition	2010 Edition
N-800	Alternative Pressure Testing Requirements for Class 1 Piping Between the First and Second Injection Valves	1992 Edition with the 1993 Addenda	2015 Edition
N-803	Similar and Dissimilar Metal Welding Using Ambient Temperature Automatic or Machine Dry Underwater Laser Beam Welding (ULBW) Temper Bead Technique	1980 Edition	2010 Edition
N-805	Alternative to Class 1 Extended Boundary End of Interval or Class 2 System Leakage Testing of the Reactor Vessel Head Flange O-Ring Leak-Detection System	1992 Edition	2013 Edition
N-806	Evaluation of Metal Loss in Class 2 and 3 Metallic Piping Buried in a Back-Filled Trench	1995 Edition	2021 Edition
N-806-1	Analytical Evaluation of Metal Loss in Class 2 and 3 Metallic Piping Buried in a Back-Filled Trench	1995 Edition	2021 Edition
N-809	Reference Fatigue Crack Growth Rate Curves for Austenitic Stainless Steels in Pressurized Water Reactor Environments	1989 Edition with the 1989 Addenda	2019 Edition
N-809-1	Reference Fatigue Crack Growth Rate Curves for Austenitic Stainless Steels in Pressurized Water Reactor Environments	1989 Edition with the 1989 Addenda	2021 Edition
N-813	Alternative Requirements for Preservice Volumetric and Surface Examination	1989 Edition	2013 Edition
N-813-1	Alternative Requirements for Preservice Volumetric and Surface Examination	1989 Edition	2013 Edition
N-823	Visual Examination	2001 Edition with the 2003 Addenda	2010 Edition with the 2011 Addenda
N-823-1	Visual Examination	2001 Edition with the 2003 Addenda	2013 Edition
N-824	Ultrasonic Examination of Cast Austenitic Piping Welds From the Outside Surface	2001 Edition	2013 Edition

Code Case No.	Title	Applicability	
		From	Up to and Including
N-825	Alternative Requirements for Examination of Control Rod Drive Housing Welds	1995 Edition with the 1996 Addenda	2013 Edition
N-826	Ultrasonic Examination of Full Penetration Vessel Weld Joints in Figures IWB-2500-1 Through IWB-2500-6	1995 Edition with the 1996 Addenda	2021 Edition
N-829	Austenitic Stainless Steel Cladding and Nickel Base Cladding Using Ambient Temperature Machine GTAW Temper Bead Technique	1995 Edition with the 1996 Addenda	2021 Edition
N-830	Direct Use of Master Fracture Toughness Curve for Pressure-Retaining Materials of Class 1 Vessels	1992 Edition	2021 Edition
N-830-1	Direct Use of Fracture Toughness for Flaw Evaluations of Pressure Boundary Materials in Class 1 Ferritic Steel Components	1992 Edition	2021 Edition
N-831	Ultrasonic Examination in Lieu of Radiography for Welds in Ferritic Pipe	1995 Edition with the 1996 Addenda	2019 Edition
N-831-1	Ultrasonic Examination in Lieu of Radiography for Welds in Ferritic or Austenitic Pipe	1995 Edition with the 1996 Addenda	2021 Edition
N-838	Flaw Tolerance Evaluation of Cast Austenitic Stainless Steel Piping	1989 Edition with the 1989 Addenda	2021 Edition
N-839	Similar and Dissimilar Metal Welding Using Ambient Temperature SMAW Temper Bead Technique	1995 Edition with the 1996 Addenda	2021 Edition
N-840	Cladding Repair by Underwater Electrochemical Deposition in Class 1 and 2 Applications	1995 Edition with the 1996 Addenda	2021 Edition
N-842	Alternative Inspection Program for Longer Fuel Cycles	2007 Edition with the 2008 Addenda	2021 Edition
N-843	Alternative Pressure Testing Requirements Following Repair/ Replacement Activities for Class 1 Piping Between the First and Second Injection Isolation Valves	1980 Edition	2021 Edition
N-845	Qualification Requirements for Bolts and Studs	1995 Edition with the 1996 Addenda	2015 Edition
N-845-1	Qualification Requirements for Bolts and Studs	1995 Edition with the 1996 Addenda	2015 Edition
N-847	Partial Excavation and Deposition of Weld Metal for Mitigation of Class 1 Items	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-847-1	Partial Excavation and Deposition of Weld Metal for Mitigation of Class 1 Items	1995 Edition with the 1996 Addenda	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-848	Alternative Characterization Rules for Quasi-Laminar Flaws	1989 Edition with the 1989 Addenda	2021 Edition
N-848-1	Alternative Characterization Rules for Quasi-Laminar Flaws	1989 Edition with the 1989 Addenda	2021 Edition
N-849	In Situ VT-3 Examination of Removable Core Support Structures Without Removal	2007 Edition with the 2008 Addenda	2021 Edition
N-851	Use of Fracture Toughness Test Data to Establish Reference Temperature for Pressure Retaining Materials	1977 Edition with the Summer 1978 Addenda	2015 Edition
N-853	PWR Class 1 Primary Piping Alloy 600 Full Penetration Branch Connection Weld Metal Buildup for Material Susceptible to Primary Water Stress Corrosion Cracking	1995 Edition with the 1996 Addenda	2021 Edition
N-853-1	PWR Class 1 Primary Piping Alloy 600 Full Penetration Branch Connection Weld Metal Buildup for Material Susceptible to Primary Water Stress Corrosion Cracking	1995 Edition with the 1996 Addenda	2021 Edition
N-854	Alternative Pressure Testing Requirements for Class 2 and 3 Components Connected to the Class 1 Boundary	2001 Edition with the 2003 Addenda	2013 Edition
N-858	Alternative Volumetric Coverage Requirements for Ultrasonic Examination of Class 1 Nozzle-to-Vessel Welds	1998 Edition with the 2000 Edition	2021 Edition
N-860	Inspection Requirements and Evaluation Standards for Spent Nuclear Fuel Storage and Transportation Containment Systems	2010 Edition with the 2011 Addenda	2021 Edition
N-864	Reactor Vessel Threads in Flange Examinations	1998 Edition	2021 Edition
N-865	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Atmospheric Storage Tanks	1998 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]

Code Case No.	Title	Applicability	
		From	Up to and Including
N-865-1	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Atmospheric, and 0 psi to 15 psi (0 kPa to 100 kPa), Storage Tanks	1998 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]
N-865-2	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Atmospheric, and 0 psi to 15 psi (0 kPa to 100 kPa), Storage Tanks	1998 Edition	2021 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (a)]"
N-867	Clarification of NDE Practical Examination Requirements	1995 Edition	2015 Edition
N-868	Third-Party NDE Certification for Non-U.S. Plant Sites	1995 Edition	2021 Edition
N-869	Evaluation Criteria for Temporary Acceptance of Flaws in Class 2 or 3 Piping	1995 Edition with the 1996 Addenda	2021 Edition
N-871	Repair of Buried Class 2 and 3 Piping Using Carbon Fiber-Reinforced Polymer Composite	1998 Edition	2021 Edition
N-871-1	Repair of Buried Class 2 and 3 Piping Using Carbon Fiber-Reinforced Polymer Composite	1998 Edition	2021 Edition
N-873	Examination Requirements for the Core Makeup Tanks	1998 Edition	2017 Edition
N-874	Temporary Acceptance of Leakage Through Brazed Joints of Class 3 Copper, Copper-Nickel, and Nickel-Copper Moderate Energy Piping	1995 Edition with the 1996 Addenda	2021 Edition
N-875	Alternative Inservice Inspection Requirements for Liquid-Metal Reactor Passive Components	1995 Edition	2021 Edition
N-876	Austenitic Stainless Steel Cladding and Nickel Base Cladding Using Ambient Temperature Automatic or Machine Dry Underwater Laser Beam Welding (ULBW) Temper Bead Technique	1995 Edition with the 1996 Addenda	2021 Edition
N-877	Alternative Characterization Rules for Multiple Subsurface Radially Oriented Planar Flaws	1998 Edition	2021 Edition
N-877-1	Alternative Characterization Rules for Multiple Radially Oriented Planar Flaws	1998 Edition	2021 Edition
N-878	Alternative to QA Program Requirements of IWA-4142	1998 Edition with the 2000 Addenda	2019 Edition
N-880	Alternative to Procurement Requirements of IWA-4143 for Small Nonstandard Welded Fittings	1998 Edition with the 2000 Addenda	2021 Edition
N-880-1	Alternative to Procurement Requirements of IWA-4143 for Small Nonstandard Welded Fittings	1998 Edition with the 2000 Addenda	2021 Edition
N-882	Alternative Requirements for Attaching Nonstructural Electrical Connections to Class 2 and 3 Components	1995 Edition with the 1996 Addenda	2021 Edition
N-882-1	Alternative Requirements for Attaching Nonstructural Electrical Connections to Class 2 and 3 Components	1995 Edition with the 1996 Addenda	2021 Edition
N-885	Alternative Requirements for Table IWB-2500-1, Examination Category B-N-1, Interior of Reactor Vessel, Category B-N-2, Welded Core Support Structures and Interior Attachments to Reactor Vessels, Category B-N-3, Removable Core Support Structures	1982 Edition	2021 Edition
N-885-1	Alternative Requirements for Table IWB-2500-1, Examination Category B-N-1, Interior of Reactor Vessel, Category B-N-2, Welded Core Support Structures and Interior Attachments to Reactor Vessels, Category B-N-3, Removable Core Support Structures	1992 Edition	2021 Edition
N-888	Similar and Dissimilar Metal Welding Using Ambient Temperature SMAW or Machine GTAW Temper Bead Technique	2001 Edition with the 2003 Addenda	2021 Edition
N-888-1	Similar and Dissimilar Metal Welding Using Ambient Temperature SMAW or Machine GTAW Temper Bead Technique	2001 Edition with the 2003 Addenda	2021 Edition
N-889	Reference Stress Corrosion Crack Growth Rate Curves for Irradiated Austenitic Stainless Steels in Light Water Reactor Environments	1995 Edition	2021 Edition
N-890	Materials Exempted From G-2110(b) Requirement	1986 Edition with the 1987 Addenda	2017 Edition
N-892	Alternative Requirement for Form OAR-1, Owner's Activity Report, Completion Time	1995 Edition	2017 Edition

Code Case No.	Title	Applicability	
		From	Up to and Including
N-892-1	Alternative Requirement for Form OAR-1, Owner's Activity Report, or Inservice Inspection Summary Report	1995 Edition	2017 Edition
N-896	Reference Crack Growth Rate Curves for Stress Corrosion Cracking of Low Alloy Steels in Boiling Water Reactor Environments	1998 Edition	2021 Edition
N-897	Analytical Evaluation Procedures for Axial Flaws in Partial-Penetration Nozzle Welds	2007 Edition	2021 Edition
N-899	Weld Residual Stress Distributions for Piping and Vessel Nozzle Butt Welds Fabricated With UNS N06082, UNS W86182, UNS N06052, or UNS W86152 Weld Filler Metal	1995 Edition	2021 Edition
N-906	Flaw Evaluation Procedure for Cast Austenitic Stainless Steel Piping and Adjacent Fittings	2004 Edition	2021 Edition
N-909	Reference Primary Water Stress Corrosion Crack Growth Rate Curves for Alloy 690 Materials and Associated Weld Materials Alloys 52, 152, and Variant Welds Exposed to Pressurized Water Reactor Environments	2007 Edition with the 2009 Addenda	2021 Edition
N-909-1	Reference Primary Water Stress Corrosion Crack Growth Rate Curves for Alloy 690 Materials and Associated Weld Materials Alloys 52, 152, and Variant Welds Exposed to Pressurized Water Reactor Environments	2007 Edition with the 2009 Addenda	2023 Edition
N-911	Purchase, Exchange, or Transfer of Material Between Nuclear Owners	2004 Edition with the 2006 Addenda	2021 Edition
N-912	Alternative Requirements for Qualification of Material Suppliers and Acceptance of Materials	2007 Edition	2021 Edition
N-913	Alternative Examination Requirements for Class 1 Pressure-Retaining Welds in Control Rod Drive Housings	2007 Edition	2021 Edition
N-917	Fatigue Crack Growth Rate Curves for Ferritic Steels in Boiling Water Reactor (BWR) Environments	1998 Edition	2021 Edition
N-921	Alternative 12-yr Inspection Interval Duration	2007 Edition with the 2008 Addenda	2021 Edition
N-922	Alternative Requirements for Application of Structural Factors to Secondary Stresses for Analytical Evaluation of Flaws in Piping in Accordance With IWB-3644, IWC-3644, or IWD-3644	2004 Edition	2021 Edition
N-923	Mechanical Piping Joints	2001 Edition with the 2003 Addenda	2021 Edition
N-925	Pressure Testing of Class 2 and 3 Items Following Repair or Replacement Activities	2001 Edition with the 2003 Addenda	2021 Edition
N-926	Alternative Examination Requirements for Unbonded Post-Tensioning Systems of Class CC Components	1998 Edition with the 2000 Addenda	2021 Edition
N-930	Alternative Experience Requirements for Nondestructive Examination Personnel for Ultrasonic Examination	2007 Edition	2021 Edition

NOTES:

(1) Applies to the 1974 Edition of Section V.

(2) Applies to the 1974 Edition with the Winter 1976 Addenda of Section V.

(3) Applies to the 1980 Edition of Section V.

GUIDELINE FOR CROSS-REFERENCING SECTION XI CASES

(23)

1 GENERAL

Table 1 applies to Cases listed in the General Note (a) at the bottom of the table. If a Case is not listed in the General Note (a), Table 1 does not apply.

1.1 Purpose. Table 1 provides the user of Cases a tool to identify the appropriate references in a Section XI Edition or Addenda, different from the one on which the Case is based. This allows management of the applicability of various Cases without having to revise the Cases.

1.2 How to Use the Table. Locate the column with the Section XI Edition or Addenda on which the Case is based. Move down that column to the reference in question. Follow that row to the column with the Edition or Addenda on which the Owner's current Section XI program is based. The appropriate reference for the program Edition or Addenda is the intersection of the reference row and the program Edition or Addenda column.

EXAMPLE: Using Case N-666-1. Case N-666-1 references are based on the 2004 Edition; however, the program is based on the 1998 Edition.

To use Table 1 in this situation, first find the column containing the Edition or Addenda on which the Case is based. Case N-666-1 is based on the 2004 Edition. Move down that column to the row containing the reference in question. For this example, use IWA-6300. Move across that row to the column containing the program Edition or Addenda. In this example the program uses 1998 Edition. The reference in the intersection of the row with IWA-6300 and the column for the 1998 Edition is "IWA-6300 and IWA-4180." To use this Case with the 1998 Edition of Section XI, the user would refer to both IWA-6300 and IWA-4180 for requirements.

**Table 1
Cross-Reference List for Section XI Cases (Cont'd)**

	E17-EZ1	E15	E13	E10-E11	A09	A08	E07	A06	A05	E04	A03	A02	E01	A96-A00
A-6300	A-6300	A-6300	A-6300	A-6300	A-6300	A-6300	A-6300	A-6300	A-6300	A-6300	A-6300	A-6300	A-6300	A-6300
A-6350	A-6350	A-6350	A-6350	A-6350	A-6350	A-6350	A-6350	A-6350	A-6350	A-6350	A-6350	A-6350	A-6350	A-6350
B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)	B-2411(b)
...
B-2420(b), (c)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)	B-2420(b)
B-2430	B-2430	B-2430	B-2430	B-2430	B-2430	B-2430	B-2430	B-2430	B-2430	B-2430	B-2430	B-2430	B-2430	B-2430
TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1	TB-2500-1
B-3140	B-3140	B-3140	B-3140	B-3140	B-3140	B-3140	B-3140	B-3140	B-3140	B-3140	B-3140	B-3140	B-3140	B-3140
B-3514	B-3514	B-3514	B-3514	B-3514	B-3514	B-3514	B-3514	B-3514	B-3514	B-3514	B-3514	B-3514	B-3514	B-3514
B-3517	B-3517	B-3517	B-3517	B-3517	B-3517	B-3517	B-3517	B-3517	B-3517	B-3517	B-3517	B-3517	B-3517	B-3517
B-3523	B-3523	B-3523	B-3523	B-3523	B-3523	B-3523	B-3523	B-3523	B-3523	B-3523	B-3523	B-3523	B-3523	B-3523
B-3600	B-3600	B-3600	B-3600	B-3600	B-3600	B-3600	B-3600	B-3600	B-3600	B-3600	B-3600	B-3600	B-3600	B-3600
B-3630	B-3630	B-3630	B-3630	B-3630	B-3630	B-3630	B-3630	B-3630	B-3630	B-3630	B-3630	B-3630	B-3630	B-3630
B-3640	B-3640	B-3640	B-3640	B-3640	B-3640	B-3640	B-3640	B-3640	B-3640	B-3640	B-3640	B-3640	B-3640	B-3640
...
B-5000	B-5000	B-5000	B-5000	B-5000	B-5000	B-5000	B-5000	B-5000	B-5000	B-5000	B-5000	B-5000	B-5000	B-5000
C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)	C-2430(a)(1)(b)
C-3600	C-3600	C-3600	C-3600	C-3600	C-3600	C-3600	C-3600	C-3600	C-3600	C-3600	C-3600	C-3600	C-3600	C-3600
C-3640	C-3640	C-3640	C-3640	C-3640	C-3640	C-3640	C-3640	C-3640	C-3640	C-3640	C-3640	C-3640	C-3640	C-3640
...
D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)	D-2430(a)(1)(b)
D-3600	D-3600	D-3600	D-3600	D-3600	D-3600	D-3600	D-3600	D-3600	D-3600	D-3600	D-3600	D-3600	D-3600	D-3600
D-3640	D-3640	D-3640	D-3640	D-3640	D-3640	D-3640	D-3640	D-3640	D-3640	D-3640	D-3640	D-3640	D-3640	D-3640

Legend:

A = IWA

B = IWB

C = IWC

D = IWD

TB = Table IWB

GENERAL NOTES:

(a) This table is for use with Cases N-532-4, N-561-3, N-561-4, N-562-3, N-562-4, N-576-1, N-576-2, N-609-1, N-638-4 through N-638-11, N-661-3, N-661-4, N-661-5, N-666, N-666-1, N-666-2, N-666-3, N-730, N-730-1, N-733, N-733-1, N-752, N-754-1, N-754-2, N-769, N-769-1, N-769-2, N-771, N-786-1 through N-786-4, N-789-2 through N-789-5, N-829, N-839, N-847, N-847-1, N-853, N-865, N-865-1, N-865-2, N-888, and N-888-1.

(b) When using Case N-532-4 with Code Editions and Addenda later than the 2005 Addenda, the paragraph references listed in Table 1 shall apply.

(c) When using Cases N-638-4, N-638-5, N-638-6, N-666, or N-666-1 with Code Editions and Addenda later than the 2004 Edition, the paragraph references listed in Table 1 shall apply.

(d) When using Cases N-576-1 or N-576-2 with Code Editions and Addenda later than the 2000 Addenda, the paragraph references listed in Table 1 shall apply. Enter Table 1 in the 2000 Addenda column.

(e) When using Cases N-730, N-730-1, N-769, N-769-1, or N-769-2 with Code Editions and Addenda later than the 2009 Addenda, the paragraph references listed in Table 1 shall apply. Enter Table 1 in the 2009 Addenda column.

Table 1
Cross-Reference List for Section XI Cases (Cont'd)

GENERAL NOTES (CONT'D):

- (f) When using Case N-733 with Code Editions and Addenda later than the 2006 Addenda, the paragraph references listed in Table 1 shall apply. Enter Table 1 in the 2006 Addenda column.
- When using Case N-733-1 with Code Editions and Addenda earlier than the 2007 Edition, the paragraph references listed in Table 1 shall apply. Enter Table 1 in the 2007 Edition column.
- (g) When using Case N-771 with Code Editions and Addenda later than the 2009 Addenda, the paragraph references listed in Table 1 shall apply. Enter Table 1 in the 2009 Addenda column.
- (h) When using Case N-609-1 with Code Editions and Addenda later than the 2005 Addenda, the paragraph references listed in Table 1 shall apply. Enter Table 1 in the 2006 Addenda column.
- (i) When using Cases N-561-3, N-561-4, N-562-3, N-562-4, N-661-4, and N-661-5 with Code Editions and Addenda other than the 2017 Edition, usage of IWA-4670 is limited to the 2013 Edition through the 2017 Edition and usage of IWA-4680 is limited to the 2017 Edition.