**AN INTERNATIONAL CODE** 

# 2019 ASME Boiler & Pressure Vessel Code

## CODE CASES: NUCLEAR COMPONENTS

### Supplement 4

The new and revised Cases that appear in this Supplement were approved by the Board on Nuclear Codes and Standards between October 6 and December 21, 2019.



Two Park Avenue • New York, NY • 10016 USA



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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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No.	Title	From	Up to and Including
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 N-209	Exemption From Examination for ASME Class 1 and 2 Piping Located at Containment Penetrations Conditional Acceptance of Identifiable Isolated or Random	1974 Edition with the Summer 1976 Addenda	1992 Edition with the 1993 Addenda
N-207	Rounded Indications		
	(a) For Class 1 Systems	1974 Edition	1980 Edition with the Winter 1980 Addenda
	(b) For Class 2 Systems	1974 Edition with the Summer 1976 Addenda	1983 Edition
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
N 005	(b) To meet requirements of III-3330	1977 Edition	1980 Edition
N-235	Ultrasonic Calibration Checks per Section V	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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No.	Title	From	Up to and Including
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	1974 Edition	1998 Edition with the 1999 Addenda
N-307-2	Examinations Are Conducted From the Center-Drilled Hole 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 Addenda 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
N-375	Rules for Ultrasonic Examination of Bolts and Studs	1980 Edition	1980 Edition with the Winter 1981 Addenda
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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Code Case		Appl	icability
No.	Title	From	Up to and Including
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
N-409-2	Procedure and Personnel Qualification Requirements for Ultrasonic Detection and Sizing of Intergranular Stress Corrosion Cracking in Austenitic Piping Welds	1974 Edition	1989 Edition
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 N-429	Code Cases in Inspection Plans Alternate Rules for Ultrasonic Instrument Calibration	1971 Edition 1980 Edition with the Winter	1986 Edition 1983 Edition with the Winter
N-429-1	Alternative Rules for Ultrasonic Instrument Calibration	1980 Addenda 1980 Edition with the Winter	1983 Addenda
		1980 Addenda	Addenda
N-432	Repair Welding Using Automatic or Machine Gas Tungsten-Arc Welding (GTAW) Temper Bead Technique	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	2019 Edition
N-435	Alternative Examination Requirements for Vessels With Wall Thickness 2 in. or Less	1974 Edition with the Summer 1975 Addenda	1986 Edition

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Code Case		App	licability
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	
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	
N-486	Inservice Inspection, Repair, and Replacement Requirements for Class MC and Metallic Liners of Class CC Components	1974 Edition	1989 Edition

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Code Case		Appl	icability
No.	Title	From	Up to and Including
N-489	Alternative Rules for Level III NDE Qualification Examinations	1974 Edition with the	1989 Edition with the 1989
		Summer 1975 Addenda	Addenda
N-490	Alternative Vision Test Requirements for Nondestructive	1974 Edition with the	1989 Edition with the 1990
	Examiners	Summer 1975 Addenda	Addenda
N-490-1	Alternative Vision Test Requirements for Nondestructive	1974 Edition with the	1989 Edition with the 1990
N 401	Examiners  Alternative Pulse for Evamination of Class 1, 2, 2, and MC	Summer 1975 Addenda	Addenda
N-491	Alternative Rules for Examination of Class 1, 2, 3, and MC	1977 Edition with the Summer 1978 Addenda	1989 Edition with the 1989 Addenda
N-491-1	Component Supports of Light-Water Cooled Power Plants Alternative Rules for Examination of Class 1, 2, 3, and MC	1977 Edition with the	1989 Edition with the 1989
N- <del>1</del> 71-1	Component Supports of Light-Water Cooled Power Plants	Summer 1978 Addenda	Addenda
N-491-2	Alternative Rules for Examination of Class 1, 2, 3, and MC	1977 Edition with the	1995 Edition with the 1996
	Component Supports of Light-Water Cooled Power Plants	Summer 1978 Addenda	Addenda
N-494	Pipe Specific Evaluation Procedures and Acceptance Criteria for	1974 Edition with the Winter	1995 Edition
	Flaws in Class 1 Ferritic Piping that Exceed the Acceptance	1975 Addenda	
	Standards of IWB-3514.2		
N-494-1	Pipe Specific Evaluation Procedures and Acceptance Criteria for		1995 Edition
	Flaws in Class 1 Ferritic Piping that Exceed the Acceptance	1975 Addenda	
N 404 2	Standards of IWB-3514.2	4074 F.B	4005 F.I.:
N-494-2	Pipe Specific Evaluation Procedures and Acceptance Criteria for		1995 Edition
	Flaws in Class 1 Ferritic Piping that Exceed the Acceptance Standards of IWB-3514.2	1975 Addenda	
N-494-3	Pipe Specific Evaluation Procedures and Acceptance Criteria for	1974 Edition with the Winter	1995 Edition
N-474-3	Flaws in Class 1 Ferritic Piping that Exceed the Acceptance	1975 Addenda	1773 Edition
	Standards of IWB-3514.2 and in Class 1 Austenitic Piping that	1775 Hadenda	
	Exceed the Acceptance Standards of IWB-3514.3		
N-494-4	Pipe Specific Evaluation Procedures and Acceptance Criteria for	1983 Edition	2001 Edition
	Flaws in Piping that Exceed the Acceptance Standards		
N-495	Hydrostatic Testing of Relief Valves	1977 Edition	1989 Edition with the 1990
N-496	Helical-Coil Threaded Inserts	1977 Edition with the	Addenda 1989 Edition with the 1990
N-490	Helical-Coll Threaded Inserts	Summer 1978 Addenda	Addenda
N-496-1	Helical-Coil Threaded Inserts	1977 Edition with the	1995 Edition
, 0 1	Tioned con Tin sauca most o	Summer 1978 Addenda	1335 Bandon
N-496-2	Helical-Coil Threaded Inserts	1977 Edition with the	1998 Edition
		Summer 1978 Addenda	
N-498	Alternative Rules for 10-Year Hydrostatic Pressure Testing for	1974 Edition with the	1992 Edition with the 1992
	Class 1 and 2 Systems	Summer 1975 Addenda	Addenda
N-498-1	Alternative Rules for 10-Year System Hydrostatic Testing for	1974 Edition with the	1998 Edition with the 2000
	Class 1, 2, and 3 Systems	Summer 1975 Addenda	Addenda
N-498-2	Alternative Requirements for 10-Year System Hydrostatic	1974 Edition with the	1998 Edition with the 2000
N 400 2	Testing for Class 1, 2 and 3 Systems	Summer 1975 Addenda	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	1974 Edition with the	1998 Edition with the 2000
1 170 1	Testing for Class 1, 2 and 3 Systems	Summer 1975	Addenda
N-503	Limited Certification of Nondestructive Examination Personnel		1992 Edition
		Summer 1978 Addenda	
N-504	Alternative Rules for Repair of Class 1, 2, and 3 Austenitic	1977 Edition with the	1986 Edition with the 1987
	Stainless Steel Piping	Summer 1978 Addenda	Addenda
N-504-1	Alternative Rules for Repair of Class 1, 2, and 3 Austenitic	1977 Edition with the	1995 Edition
	Stainless Steel Piping	Summer 1978 Addenda	
N-504-2	Alternative Rules for Repair of Class 1, 2, and 3 Austenitic	1977 Edition with the	1995 Edition with the 1995
W = 0.4.0	Stainless Steel Piping	Summer 1978 Addenda	Addenda
N-504-3	Alternative Rules for Repair of Class 1, 2, and 3 Austenitic	1977 Edition with the	2004 Edition
N 504 4	Stainless Steel Piping  Alternative Pulse for Pennin of Class 1, 2, and 3, Austonitia	Summer 1978 Addenda	2004 Edition with the 2006
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	1977 Edition	1989 Edition with the 1990
500	the Purpose of Testing	17.7 Baldon	Addenda
N-508-1	Rotation of Serviced Snubbers and Pressure Relief Valves for	1977 Edition	1995 Edition with the 1995
			Addenda

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Code Case		Арр	licability
No.	Title	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-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		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	2019 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		1995 Edition
N-526	Alternative Requirements for Successive Inspections of Class 1 and 2 Vessels		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

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Code Case		Appl	licability
No.	Title	From	Up to and Including
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-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	$\label{eq:linear_equive_equive} Alternative \ Requirements for Qualification \ of \ VT-2 \ Examination \\ Personnel$		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	
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
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

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Code Case		Appl	icability
No.	Title	From	Up to and Including
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	2019 Edition
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	2017 Edition
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
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	2019 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		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	2019 Edition

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Code Case		Арр	licability
No.	Title	From	Up to and Including
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		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	1986 Edition with the 1987	1995 Edition with the 1997
	Circumferential Welds in Reactor Vessels	Addenda	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	2019 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	2019 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	2019 Edition
N-598	Alternative Requirements to Required Percentages of Examinations	1977 Edition	1995 Edition with the 1997 Addenda
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	2019 Edition

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Code Case		App	icability
No.	Title	From	Up to and Including
N-609	Alternative Requirements to Stress-Based Selection Criteria for Category B-J Welds		2004 Edition with the 2005 Addenda
N-609-1	Alternative Requirements to Stress-Based Selection Criteria for Category B-J Welds	1977 Edition	2019 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	2019 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	$ \begin{tabular}{ll} VT-1 \ Visual Examination in Lieu of Surface Examination for RPV \\ Closure \ Nuts \end{tabular} $	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
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	
N-638-3	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	
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	
N-638-8	Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique	1980 Edition with the Winter 1981 Addenda	2019 Edition

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Teil-638-10 Simil Teil-638-11 Simil Teil-639 Alter I-640 Alter Teil-641 Alter I-643 Fatig Wall-643-1 Fatig I-643-2 Fatig I-643-2 Alter Clail-648-1 Alter Clail-648-1 Alter Clail-648-1 Alter Clail-649 Alter I-651 Ferri Beil-652 Alter Bo I-652-1 Alter Bo I-652-1 Alter Bo I-653 Quali Will-653-1 Quali Will-654 Accej and I-658 Quali Will-658 Quali Will-660 Risk-	milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique ternative Calibration Block Material  ternative Reference Fracture Toughness for Development of P-T Limit Curves ternative Pressure-Temperature Relationship and Low Temperature Overpressure Protection System Requirements tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of	1980 Edition with the Winter 1981 Addenda 1980 Edition with the Winter 1981 Addenda 1980 Edition with the Winter 1981 Addenda 1980 Edition with the Winter 1981 1986 Edition with the 1987 Addenda 1986 Edition with the 1987 Addenda 1977 Edition with the Summer 1978 Addenda	2019 Edition
Teil-638-10 Simil Teil-638-11 Simil Teil-639 Alter I-649 Alter I-643-1 Fatig Wall-643-1 Fatig I-643-2 Fatig I-648-1 Alter Clail-648-1 Alter Clail-648-1 Alter Clail-648-1 Alter Clail-648-1 Alter Clail-649 Alter I-651 Ferri Beil-652 Alter Boil-652-1 Alter Boil-652-1 Alter Boil-653 Qualit Will-653-1 Qualit Will-653-1 Qualit Will-653-1 Qualit Will-653-1 Qualit Will-653-1 Qualit Will-654 Acception I-658 Qualit Will-658 Qualit Will-660 Risk-	Temperature Machine GTAW Temper Bead Technique milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique ternative Calibration Block Material ternative Reference Fracture Toughness for Development of P-T Limit Curves ternative Pressure-Temperature Relationship and Low Temperature Overpressure Protection System Requirements tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1981 Addenda 1980 Edition with the Winter 1981 Addenda 1980 Edition with the Winter 1981 1986 Edition with the 1987 Addenda 1986 Edition with the 1987 Addenda 1977 Edition with the Summer 1978 Addenda	2019 Edition 2019 Edition 2019 Edition 1998 Edition 2019 Edition 2019 Edition 2004 Edition 2004 Edition 2019 Edition 1998 Edition
1-638-10   Simil   Tell   Te	milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique ternative Calibration Block Material  ternative Reference Fracture Toughness for Development of P-T Limit Curves ternative Pressure-Temperature Relationship and Low Temperature Overpressure Protection System Requirements tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of	1980 Edition with the Winter 1981 Addenda 1980 Edition with the Winter 1981 1986 Edition with the 1987 Addenda 1986 Edition with the 1987 Addenda 1977 Edition with the Summer 1978 Addenda	2019 Edition 2019 Edition 1998 Edition 2019 Edition 2004 Edition 2004 Edition 2019 Edition 1998 Edition
Teil-638-11 Simil Teil-639 Alter I-640 Alter I-641 Alter I-643 Fatig Wall-643-1 Fatig Wall-643-2 Fatig I-643-2 Alter I-648 Alter Clail-648-1 Alter Clail-648-1 Alter Clail-648-1 Alter Bo I-652 Alter Bo I-652-1 Alter Bo I-652-1 Alter Bo I-653 Qualit Will-653-1 Qualit Will-653-1 Qualit Will-653-2 Qualit Will-654 Acception I-654 Acception I-654 Acception I-658 Qualit Will-658 Qualit Will-660 Risk-	Temperature Machine GTAW Temper Bead Technique milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique ternative Calibration Block Material  ternative Reference Fracture Toughness for Development of P-T Limit Curves ternative Pressure-Temperature Relationship and Low Temperature Overpressure Protection System Requirements tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1981 Addenda 1980 Edition with the Winter 1981 1986 Edition with the 1987 Addenda 1986 Edition with the 1987 Addenda 1977 Edition with the Summer 1978 Addenda	2019 Edition 2019 Edition 1998 Edition 2019 Edition 2004 Edition 2004 Edition 2019 Edition 1998 Edition
-638-11 Simil Te: -639 Alter -640 Alter -641 Alter -643 Fatig Wa -643-1 Fatig Wa -643-2 Fatig Wa -648 Alter Cla -648-1 Alter Cla -648-2 Alter Cla -649 Alter -651 Ferri Be the -652 Alter Bo -652-1 Alter Bo -652-1 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -658 Quali	milar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique ternative Calibration Block Material  ternative Reference Fracture Toughness for Development of P-T Limit Curves ternative Pressure-Temperature Relationship and Low Temperature Overpressure Protection System Requirements tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1980 Edition with the Winter 1981 1986 Edition with the 1987 Addenda 1986 Edition with the 1987 Addenda 1977 Edition with the Summer 1978 Addenda 1977 Edition with the	2019 Edition 1998 Edition 2019 Edition 2004 Edition 2004 Edition 2019 Edition 1998 Edition with the
Te: -639 Alter -640 Alter -641 Alter -643 Fatig Wa -643-1 Fatig Wa -643-2 Fatig -644 Alter Cla -648 Alter Cla -648-1 Alter Cla -649 Alter -651 Ferri Be -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accej and -658 Quali Wi -660 Risk-	Temperature Machine GTAW Temper Bead Technique ternative Calibration Block Material  ternative Reference Fracture Toughness for Development of P-T Limit Curves ternative Pressure-Temperature Relationship and Low Temperature Overpressure Protection System Requirements tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1986 Edition with the 1987 Addenda 1986 Edition with the 1987 Addenda 1977 Edition with the Summer 1978 Addenda 1977 Edition with the	1998 Edition 2019 Edition 2004 Edition 2004 Edition 2019 Edition 1998 Edition with the
-640 Alter P-1 -641 Alter Te: -643 Fatig Wa -643-1 Fatig Wa -643-2 Fatig Wa -644 Alter Cla -648 Alter Cla -648-1 Alter Cla -649 Alter -651 Ferri Be: the -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accej and -658 Quali Wi -6660 Risk-	ternative Reference Fracture Toughness for Development of P-T Limit Curves ternative Pressure-Temperature Relationship and Low Temperature Overpressure Protection System Requirements tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	Addenda 1986 Edition with the 1987 Addenda 1977 Edition with the Summer 1978 Addenda	1998 Edition 2019 Edition 2004 Edition 2004 Edition 2019 Edition 1998 Edition with the
P-Ti-641 Alter Tei-643 Fatig Wa-643-1 Fatig Wa-643-2 Fatig -647 Alter -648 Alter Cla-648-1 Alter Cla-648-2 Alter -649 Alter -651 Ferri Bei -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -6660 Risk-	P-T Limit Curves ternative Pressure–Temperature Relationship and Low Temperature Overpressure Protection System Requirements tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1986 Edition with the 1987 Addenda 1977 Edition with the Summer 1978 Addenda 1977 Edition with the	2019 Edition 2004 Edition 2004 Edition 2019 Edition 1998 Edition with the
-641 Alter Te -643 Fatig Wa -643-1 Fatig Wa -643-2 Fatig Wa -644 Alter Cla -648-1 Alter Cla -648-1 Alter Cla -648-2 Alter Cla -649 Alter Be -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653-1 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -660 Risk-	ternative Pressure-Temperature Relationship and Low Temperature Overpressure Protection System Requirements tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1977 Edition with the Summer 1978 Addenda 1977 Edition with the	2004 Edition 2004 Edition 2019 Edition 1998 Edition with the
-643 Fatig Wa -643-1 Fatig Wa -643-2 Fatig Wa -6447 Alter -648 Alter Cla -648-1 Alter Cla -648-2 Alter -651 Ferri Be -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653-1 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -658 Quali Wi -660 Risk-	tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1977 Edition with the Summer 1978 Addenda 1977 Edition with the	2004 Edition 2019 Edition 1998 Edition with the
-643-1 Fatig Wa -643-2 Fatig Wa -643-2 Fatig Wa -644 Alter Cla -648 Alter Cla -648-1 Alter Cla -648-2 Alter -651 Ferri Be -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accej and -658 Quali Wi -6660 Risk-	Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	Summer 1978 Addenda 1977 Edition with the	2004 Edition 2019 Edition 1998 Edition with the
-643-1 Fatig Wa -643-2 Fatig Wa -643-2 Fatig Wa -644 Alter Cla -648-1 Alter Cla -648-2 Alter -649 Alter Be -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accej and -658 Quali Wi -6660 Risk-	tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1977 Edition with the Summer 1978 Addenda 1977 Edition with the Summer 1978 Addenda 1977 Edition with the Summer 1978 Addenda 1977 Edition with the	2019 Edition 1998 Edition with the
-643-2 Fatig Wa -643-2 Fatig Wa -6447 Alter IW -648 Alter Cla -648-1 Alter Cla -648-2 Alter -649 Alter -651 Ferri Be -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accej and -658 Quali Wi -6660 Risk-	Water Environment tigue Crack Growth Rate Curves for Ferritic Steels in PWR Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	Summer 1978 Addenda 1977 Edition with the Summer 1978 Addenda 1977 Edition with the Summer 1978 Addenda 1977 Edition with the	2019 Edition 1998 Edition with the
-647 Alter -648 Alter -648-1 Alter -648-2 Alter -649 Alter -651 Ferri -652 Alter -652-1 Alter -652-2 Alter -653 Quali -653-1 Quali -653-1 Quali -653-2 Quali -654 Accej -658 Quali -658 Quali -658 Quali -658 Quali -660 Risk-	Water Environment ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	Summer 1978 Addenda 1977 Edition with the Summer 1978 Addenda 1977 Edition with the	1998 Edition with the
-647 Alter IW -648 Alter Cla -648-1 Alter Cla -648-2 Alter -649 Alter -651 Ferri Be. the -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accej and -658 Quali Wi -660 Risk-	ternative to Augmented Examination Requirements of IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1977 Edition with the Summer 1978 Addenda 1977 Edition with the	
IW -648 Alter Cla -648-1 Alter Cla -648-2 Alter -649 Alter -651 Ferri Be. the -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -653-2 Quali Wi -654 Acce an -658 Quali Wi -660 Risk-	IWE-2500 ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	Summer 1978 Addenda 1977 Edition with the	
-648 Alter Cla -648-1 Alter Cla -648-2 Alter Cla -649 Alter -651 Ferri Be the -652 Alter Bo -652-1 Alter Bo -653-2 Quali Wr -653-1 Quali Wr -653-2 Quali Wr -654 Accep and -658 Quali Wr -660 Risk-	ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	1977 Edition with the	2000 Addenda
Cla -648-1 Alter Cla -648-2 Alter Cla -649 Alter -651 Ferri Be the -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -660 Risk-	Class 1 Reactor Vessel Nozzles ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles		
-648-1 Alter Cla -648-2 Alter Cla -649 Alter -651 Ferri Be. the -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wr -653-1 Quali Wr -653-2 Quali Wr -654 Accep and -658 Quali Wr -660 Risk-	ternative Requirements for Inner Radius Examinations of Class 1 Reactor Vessel Nozzles	Summer 1978 Addenda	2004 Edition
Cla -648-2 Alter Cla -649 Alter -651 Ferri Be. the -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wr -653-1 Quali Wr -653-2 Quali Wr -654 Accep and -658 Quali Wr -660 Risk-	Class 1 Reactor Vessel Nozzles	1077 Edition with the	2017 Filt
.648-2 Alter Cla .649 Alter .651 Ferri Be652 Alter .652 Alter Bo .652-1 Alter Bo .652-2 Alter Bo .653 Quali Wr .653-1 Quali Wr .653-2 Quali Wr .654 Accep and .658 Quali Wr .660 Risk-		1977 Edition with the Summer 1978 Addenda	2017 Edition
.649 Alter .651 Ferri Be652 Alter .652-1 Alter Bo .652-2 Alter Bo .653-1 Quali Wr .653-1 Quali Wr .653-2 Quali Wr .654 Accep and .658 Quali Wr .658 Quali	ternative Requirements for Inner Radius Examinations of	1983 Edition with the Winter	2019 Edition
-651 Ferri Be. the -652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wr -653-1 Quali Wr -653-2 Quali Wr -654 Accep and -658 Quali Wr -660 Risk-	Class 1 Reactor Vessel Nozzles	1983 Addenda	
Bee the the the the the the the the the t	ternative Requirements for IWE-5240 Visual Examination	1989 Edition	1998 Edition with the
Bee the the the the the the the the the t	pritis and Dissimilar Matal Wolding Heing SMAW Tompon	1977 Edition with the	2000 Addenda 2017 Edition
-652 Alter Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -660 Risk-	rritic and Dissimilar Metal Welding Using SMAW Temper Bead Technique Without Removing the Weld Bead Crown of the First Layer		2017 Edition
Bo -652-1 Alter Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -660 Risk-	ternative Requirements to Categories B-G-1, B-G-2, and C-D	1977 Edition	2001 Edition
Bo -652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -660 Risk-	Bolting Examination Methods and Selection Criteria		
-652-2 Alter Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -660 Risk-	ternative Requirements to Categories B-G-1, B-G-2, and C-D	1977 Edition	2001 Edition with the 2003
Bo -653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -660 Risk-	Bolting Examination Methods and Selection Criteria		Addenda
-653 Quali Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accep and -658 Quali Wi -660 Risk-	ternative Requirements to Categories B-G-1, B-G-2, and C-D Bolting Examination Methods and Selection Criteria	1977 Edition	2010 Edition
Wi -653-1 Quali Wi -653-2 Quali Wi -654 Accej and -658 Quali Wi -660 Risk-	aalification Requirements for Full Structural Overlaid	1989 Edition with the 1989	2004 Edition
Wi -653-2 Quali Wi -654 Accej and -658 Quali Wi -660 Risk-	Wrought Austenitic Piping Welds	Addenda	
-653-2 Quali Wi -654 Accep and -658 Quali Wi -660 Risk-	nalification Requirements for Full Structural Overlaid	1989 Edition with the 1989	2019 Edition
W1-654 Accep and -658 Quali W1-660 Risk-	Wrought Austenitic Piping Welds	Addenda	
-654 Accep and -658 Quali Wi -660 Risk-	ualification Requirements for Full Structural Overlaid	1989 Edition with the 1989	2019 Edition
and -658 Quali Wr -660 Risk-	Wrought Austenitic Piping Welds	Addenda	
-658 Quali Wr -660 Risk-	sceptance Criteria for Flaws in Ferritic Steel Components 4 in. and Greater in Thickness	1974 Edition	2019 Edition
-660 Risk-	ualification Requirements for Ultrasonic Examination of	1989 Edition with the 1989	2001 Edition
	Wrought Austenitic Piping Welds	Addenda	
Re	sk-Informed Safety Classification for Use in Risk-Informed Repair/Replacement Activities	1980 Edition with the Winter 1981 Addenda	2019 Edition
	ternative Requirements for Wall Thickness Restoration of	1977 Edition	2004 Edition with the 2005
			Addenda
		1977 Edition	2004 Edition with the 2005
Cla	Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of		Addenda
	Classes 2 and 3 Carbon Steel Piping for Raw Water Service	1977 Edition	2015 Edition
Cla	Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of		
	Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service	1077 Edition	2019 Edition
	Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of	1977 Edition	
	Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service		2019 Edition
	Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of	2013 Edition	0004 11 11 11 11 12 12 12 12 12 12 12 12 12
l-662 Alter Cla	Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service ternative Requirements for Wall Thickness Restoration of Classes 2 and 3 Carbon Steel Piping for Raw Water Service		

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Code Case		Appl	icability
No.	Title	From	Up to and Including
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-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		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	2019 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
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-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	2019 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 Winter 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 Winter 1985 Addenda	2019 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

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Code Case		Арр	licability
No.	Title	From	Up to and Including
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	2019 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	2019 Edition
N-722	Additional Examinations for PWR Pressure Retaining Welds in Class 1 Components Fabricated With Alloy 600/82/182 Materials		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	2019 Edition
N-722-2	Visual Examinations for PWR Pressure Retaining Welds in Class 1 Components Fabricated With Alloy 600/82/182 Materials		2019 Edition
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	2019 Edition
N-729-7	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	2004 Edition	2019 Edition
N-729-8	Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds	2004 Edition	2019 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	2019 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (e)]
N-731 N-733	Alternative Class 1 System Leakage Test Pressure Requirements Mitigation of Flaws in NPS 2 (DN 50) and Smaller Nozzles and Nozzle Partial Penetration Welds in Vessels and Piping by Use		2015 Edition 2019 Edition [see Guideline for Cross-Referencing Section XI,
N-735	of a Mechanical Connection Modification Successive Inspections of Class 1 and 2 Piping Welds	1995 Edition with the 1996 Addenda	Table 1, General Note (f)] 2019 Edition
N-739	Alternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations	Addenda  1992 Edition with the 1992  Addenda	2004 Edition with the 2006 Addenda

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Code Case		Арр	olicability
No.	Title	From	Up to and Including
I-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	2004 Edition with the 2006 Addenda
N-740-1	Dissimilar Metal Weld Overlay for Repair or Mitigation of Class $1,2,\mathrm{and}3$ Items	1980 Edition with Winter 1981 Addenda	2004 Edition with the 2006 Addenda
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	2007 Edition with the 2008 Addenda
I-747 I-749	Reactor Vessel Head-to-Flange Weld Examination Alternative Acceptance Criteria for Flaws in Ferritic Steel Components Operating in the Upper Shelf Temperature Range	1989 Edition 1998 Edition with the 2000 Addenda	2015 Edition 2019 Edition
I-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-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	2019 Edition
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		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	2019 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	2019 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 X 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 X 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	2019 Edition [see Guideline for Cross-Referencing Section & Table 1, General Note (e)]

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Code Case		Арр	licability
No.	Title	From	Up to and Including
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
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	2019 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	2019 Edition
N-771	Alternative Requirements for Additional Examinations of Class $2\ \mathrm{or}\ 3\ \mathrm{Items}$	1992 Edition	2019 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 N-778	Alternative to IWA-5244 Requirements for Buried Piping Alternative Requirements for Preparation and Submittal of Plans, Schedules, and Preservice and Inservice Inspection Summary Reports	1989 Edition 1989 Edition	2010 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	2019 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	2019 Edition
N-786-2	Alternative Requirements for Sleeve Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping	1995 Edition with the 1996 Addenda	2019 Edition
N-786-3	Alternative Requirements for Sleeve Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping	1995 Edition With the 1996 Addenda	2019 Edition
N-788	Third Party NDE Certification Organizations	1995 Edition	2019 Edition
N-788-1 N-789	Third Party NDE Certificate Organization  Alternative Requirements for Pad Reinforcement of Class 2 and  3 Moderate-Energy Carbon Steel Piping for Raw Water  Service	1995 Edition 1995 Edition with the 1996 Addenda	2019 Edition 2017 Edition

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Code Case		Арр	licability
No.	Title	From	Up to and Including
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	2019 Edition
N-789-3	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Moderate-Energy Carbon Steel Piping for Raw Water Service	1998 Edition	2019 Edition
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	1992 Edition with the 1993	2015 Edition
N-803	Between the First and Second Injection Valves Similar and Dissimilar Metal Welding Using Ambient Temperature Automatic or Machine Dry Underwater Laser Beam Welding (ULBW) Temper Bead Technique	Addenda 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 0-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	2019 Edition
N-806-1	Analytical Evaluation of Metal Loss in Class 2 and 3 Metallic Piping Buried in a Back-Filled Trench	1995 Edition	2019 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-813	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
N-825	Alternative Requirements for Examination of Control Rod Drive Housing Welds	Addenda	2013 Edition
N-826	Ultrasonic Examination of Full Penetration Vessel Weld Joints in Figures IWB-2500-1 Through IWB-2500-6	Addenda	2019 Edition
N-829	Austenitic Stainless Steel Cladding and Nickel Base Cladding Using Ambient Temperature Machine GTAW Temper Bead Technique	Addenda	2019 Edition
N-830	Direct Use of Master Fracture Toughness Curve for Pressure-Retaining Materials of Class 1 Vessels	1992 Edition	2019 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	2019 Edition
N-838	Flaw Tolerance Evaluation of Cast Austenitic Stainless Steel Piping	1989 Edition with the 1989 Addenda	2019 Edition
N-839	Similar and Dissimilar Metal Welding Using Ambient Temperature SMAW Temper Bead Technique	1995 Edition with the 1996 Addenda	2019 Edition
N-840	Cladding Repair by Underwater Electrochemical Deposition in Class 1 and 2 Applications	1995 Edition with the 1996 Addenda	2019 Edition
N-842	Alternative Inspection Program for Longer Fuel Cycles	2007 Edition with the 2008 Addenda	2019 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	2019 Edition

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Code Case		Арј	olicability
No.	Title	From	Up to and Including
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		2019 Edition
N-848	Alternative Characterization Rules for Quasi-Laminar Flaws	1989 Edition with the 1989 Addenda	2019 Edition
N-848-1	Alternative Characterization Rules for Quasi-Laminar Flaws	1989 Edition with the 1989 Addenda	2019 Edition
N-849	In Situ VT-3 Examination of Removable Core Support Structures Without Removal	2007 Edition with the 2008 Addenda	2019 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	2019 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	2019 Edition
N-864	Reactor Vessel Threads in Flange Examinations	1998 Edition	2019 Edition
N-865	Alternative Requirements for Pad Reinforcement of Class 2 and 3 Atmospheric Storage Tanks	1998 Edition	2019 Edition
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	2019 Edition
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	2019 Edition
N-869	Evaluation Criteria for Temporary Acceptance of Flaws in Class 2 or 3 Piping	Addenda	2019 Edition
N-871	Repair of Buried Class 2 and 3 Piping Using Carbon Fiber-Reinforced Polymer Composite	1998 Edition	2019 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	2019 Edition
N-875	Alternative Inservice Inspection Requirements for Liquid-Metal Reactor Passive Components	1995 Edition	2017 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	2015 Edition
N-877	Alternative Characterization Rules for Multiple Subsurface Radially Oriented Planar Flaws	1998 Edition	2019 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	2019 Edition
N-882	$\label{lem:lemma:connections} Alternative Requirements for Attaching Nonstructural Electrical Connections to Class 2 and 3 Components$	1995 Edition with the 1996 Addenda	2019 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	2019 Edition
N-889	Reference Stress Corrosion Crack Growth Rate Curves for Irradiated Austenitic Stainless Steels in Light Water Reactor Environments	1995 Edition	2019 Edition
N-890	Materials Exempted From G-2110(b) Requirement	1986 Edition with the 1987 Addenda	2017 Edition

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Code Case		Applicability	
No.	Title	From	Up to and Including
N-892	Alternative Requirement for Form OAR-1, Owner's Activity Report, Completion Time	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	2019 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		2019 Edition
NOTES:			

- Applies to the 1974 Edition of Section V.
   Applies to the 1974 Edition with the Winter 1976 Addenda of Section V.
   Applies to the 1980 Edition of Section V.

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