AN INTERNATIONAL CODE

2013 ASME Boiler & Pressure Vessel Code

CODE CASES: NUCLEAR COMPONENTS

Supplement 7

The new and revised Cases that appear in this Supplement were considered at the Boiler and Pressure Vessel Committee meeting of August 22, 2014, and approved by the Board on Nuclear Codes and Standards on October 28, 2014.



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APPLICABILITY INDEX FOR SECTION XI CASES

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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 | $\label{eq:continuous} \textbf{Examination} \ \ \textbf{Acceptance Standards for Surface Indications in Cladding}$ | 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-209 | Rounded Indications | 1074 F.H. | 1000 Edition with the Winter |
| | (a) For Class 1 Systems | 1974 Edition | 1980 Edition with the Winter 1980 Addenda |
| N 240 | (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 | 4054 P. IV | 4074 F.Iv |
| | (a) To meet requirements of I-4230 | 1971 Edition with the Summer 1973 Addenda | 1974 Edition with the Summer 1976 Addenda |
| N-216 | (b) To meet requirements of III-3330 Alternative Rules for Reactor Vessel Closure Stud Examination | 1977 Edition 1977 Edition | 1980 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 | 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 |
| N-236-1 | Repair and Replacement of Class MC Vessels | 1974 Edition | 1989 Edition with the 1990 Addenda |

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| No. | Title | From | Up to and Including | |
| 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 with the Winter 1976 Addenda | |
| N-323-1 | Alternative Examination for Welded Attachments to Pressure Vessels | 1980 Edition with the Winter 1981 Addenda | Addenda | |
| N-334 N-335 | Examination Requirements for Integrally Welded or Forged Attachments to Class 2 Piping at Containment Penetrations Rules for Ultrasonic Examination of Similar and Dissimilar | 1977 Edition with the Summer 1978 Addenda 1974 Edition | 1980 Edition with the Summer 1980 Addenda 1980 Edition with the Winter | |
| | Metal Piping Welds | | 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 N-389 | Rules for Ultrasonic Examination of Bolts and Studs Alternative Rules for Repairs, Replacements, or Modifications | 1971 Edition 1974 Edition with the Summer 1975 Addenda | 1983 Edition 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 | | 1983 Edition with the Summer 1983 Addenda | |
| N-401 | Eddy Current Examination | 1974 Edition with the Summer 1976 Addenda | 1989 Edition with the 1989 Addenda | |

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| No. | Title | From | Up to and Including |
| 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 | Code Cases in Inspection Plans | 1971 Edition | 1986 Edition |
| N-429 | Alternate Rules for Ultrasonic Instrument Calibration | 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 | 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 | Summer 1973 Addenda | 2013 Edition |
| N-435 | Alternative Examination Requirements for Vessels With Wall Thickness 2 in. or Less | 1974 Edition with the Summer 1975 Addenda | 1986 Edition |
| 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 |

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| Code Case | | Applicability | | |
|------------------|---|--|--|--|
| No. | Title | From | Up to and Including | |
| N-436-1 N-437 | Alternative Methods for Evaluation of Flaws in Austenitic Piping Use of Digital Readout and Digital Measurement Devices for Performing Pressure Tests | 1983 Edition 1974 Edition | 1986 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 N-461 | Alternative Examination Coverage for Class 1 and Class 2 Welds Alternative Rules for Piping Calibration Block Thickness | 1974 Edition 1974 Edition with the Summer 1975 Addenda | 2007 Edition 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 | Addenda | |
| N-479-1 | Boiling Water Reactor (BWR) Main Steam Hydrostatic Test | 1977 Edition with the Winter 1977 Addenda | Addenda | |
| N-480 | Examination Requirements for Pipe Wall Thinning Due to Single Phase Erosion and Corrosion | | 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 | 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 | |
| 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 | |

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| Code Case | | Appl | icability |
|-----------|--|---|--|
| No. | Title | From | Up to and Including |
| N-490-1 | Alternative Vision Test Requirements for Nondestructive | 1974 Edition with the | 1989 Edition with the 1990 |
| N-491 | Examiners Alternative Rules for Examination of Class 1, 2, 3, and MC Component Supports of Light-Water Cooled Power Plants | Summer 1975 Addenda 1977 Edition with the Summer 1978 Addenda | 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 | 1975 Addenda | |
| 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 | 1975 Addenda | |
| 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 | | 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 |
| 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 |

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| Code Case | | Applicability | |
|-----------|--|--|---------------------------------------|
| No. | Title | From | Up to and Including |
| N-508-4 | Rotation of Snubbers and Pressure Retaining Items for the | 1989 Edition | 2007 Edition with the |
| | Purpose of Testing or Preventive Maintenance | | 2008 Addenda |
| N-509 | Alternative Rules for the Selection and Examination of Classes 1, | 1977 Edition with the Summer 1978 Addenda | 1995 Edition |
| N-512 | 2, and 3 Integrally Welded Attachments Assessment of Reactor Vessels with Low Upper Shelf Charpy | 1986 Edition with the 1987 | 1992 Edition with the |
| N 512 | Impact Energy Levels | Addenda | 1992 Addenda |
| N-512-1 | Assessment of Reactor Vessels with Low Upper Shelf Charpy | 1986 Edition with the 1987 | 1995 Edition |
| | Impact Energy Levels | Addenda | |
| 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 | 1977 Edition with the | 2001 Edition |
| | Moderate Energy Class 2 or 3 Piping | Summer 1978 Addenda | |
| N-513-2 | Evaluation Criteria for Temporary Acceptance of Flaws in | 1977 Edition with the | 2001 Edition with the |
| N 540 0 | Moderate Energy Class 2 or 3 Piping | Summer 1978 Addenda | 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 | 1995 Edition with the 1996 | 2013 Edition |
| ., 010 . | Moderate Energy Class 2 or 3 Piping | Addenda | 2010 Bandon |
| N-514 | Low Temperature Overpressure Protection | 1986 Edition with the 1987 | 1992 Edition with the |
| | | Addenda | 1992 Addenda |
| N-515 | Class 1 Mechanical Joint- Pressure Tests | 1980 Edition with the Winter | |
| W = 4.6 | W 1 | 1980 Addenda | 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 | 1995 Edition with the |
| 11 510 1 | onderwater Welding | Summer 1978 Addenda | 1995 Addenda |
| N-516-2 | Underwater Welding | 1974 Edition with the | 1995 Edition with the |
| | | Summer 1978 Addenda | 1996 Addenda |
| N-516-3 | Underwater Welding | 1977 Edition with the | 2013 Edition |
| W = 4 C 4 | W 1 | Summer 1978 Addenda | 2040 F III |
| N-516-4 | Underwater Welding | 1995 Edition with the 1996 Addenda | 2013 Edition |
| N-517 | Quality Assurance Program Requirements for Owners | 1977 Edition with the | 1995 Edition |
| 11 517 | quality rissurance rrogram requirements for owners | Summer 1978 Addenda | 1998 Bardon |
| N-517-1 | Quality Assurance Program Requirements for Owners | 1977 Edition with the | 2004 Edition with the |
| | | Summer 1978 Addenda | 2006 Addenda |
| N-521 | Alternative Rules for Deferral of Inspections of Nozzle- | 1977 Edition | 1995 Edition |
| | to-Vessel Welds, Inside Radius Sections and Nozzle- to-Safe | | |
| N-522 | End Welds of Pressurized Water Reactor (PWR) Vessel | 1974 Edition | 1995 Edition with the |
| N-322 | Pressure Testing of Containment Penetration Piping | 1974 Euluon | 1996 Addenda |
| N-523 | Mechanical Clamping Devices for Class 2 and 3 Piping | 1977 Edition with the | 1995 Edition with the |
| | | Summer 1978 Addenda | 1996 Addenda |
| N-523-1 | Mechanical Clamping Devices for Class 2 and 3 Piping | 1977 Edition with the | 1995 Edition with the |
| | | Summer 1978 Addenda | 1996 Addenda |
| N-523-2 | Mechanical Clamping Devices for Class 2 and 3 Piping | 1977 Edition with the | 1995 Edition with the |
| N-524 | Alternative Examination Requirements for Longitudinal Welds | Summer 1978 Addenda | 1996 Addenda 1995 Edition |
| N-324 | in Class 1 and 2 Piping | Summer 1975 Addenda | 1993 Edition |
| N-526 | Alternative Requirements for Successive Inspections of Class 1 | | 2010 Edition with the |
| | and 2 Vessels | | 2011 Addenda |
| N-528-1 | Purchase, Exchange, or Transfer of Material Between Nuclear | 1977 Edition with the | 2004 Edition with the |
| | Plant Sites | Summer 1978 Addenda | 2005 Addenda |
| N-532 | Alternative Requirements to Repair and Replacement | 1974 Edition with the | 1998 Edition with the |
| | Documentation Requirements and Inservice Summary Report Preparation and Submission as Required by | Summer 1975 Addenda | 2000 Addenda |
| | IWA-4000 and IWA-6000 | | |
| N-532-1 | Alternative Requirements to Repair and Replacement | 1981 Edition with the Winter | 1998 Edition with the |
| | Documentation Requirements and Inservice Summary | 1983 Addenda | 2000 Addenda |
| | Report Preparation and Submission | | |

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| Code Case | | Appl | licability |
|-----------|--|--|---|
| No. | Title | From | Up to and Including |
| 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 | 2007 Edition with the 2008 Addenda [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 | 2010 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 | $\label{eq:continuous} \mbox{Alternative Requirements for Qualification of VT-2 Examination} \\ \mbox{Personnel}$ | 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 |
| 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 |

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| Code Case | | Applicability | |
|-----------|--|--|---------------------------------------|
| No. | Title | From | Up to and Including |
| 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 | 2013 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 | 2013 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 | 2013 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 | 2013 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 Class 1 and 2 SB-163, UNS N06600 Steam Generator Tubing | | 1998 Edition with the 2000 Addenda |
| N-576-2 | Repair of Class 1 and 2 SB-163, UNS N06600 Steam Generator Tubing | | 2010 Edition with the 2011 Addenda |
| 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 \boldsymbol{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 $$ | 1977 Edition | 2004 Edition |
| N-583 | Annual Training Alternative | 1986 Edition with the 1988 Addenda | 1998 Edition |

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| Code Case | | Арр | licability |
|-----------|---|--|---------------------------------------|
| No. | Title | From | Up to and Including |
| N-586 | Alternative Additional Examination Requirements for Class 1, 2, | | 2004 Edition |
| N-586-1 | and 3 Piping, Components, and Supports Alternative Additional Examination Requirements for Class 1, 2, | Summer 1978 Addenda | 2007 Edition with the 2008 |
| -300-1 | and 3 Piping, Components, and Supports | Summer 1978 Addenda | Addenda |
| -587 | Alternative NDE Requirements for Repair/Replacement | 1977 Edition with the | 1995 Edition with the 1997 |
| | Activities | Summer 1978 Addenda | Addenda |
| 1-588 | 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 |
| 1-589 | Class 3 Nonmetallic Cured-In-Place Piping | 1977 Edition with the Summer 1978 Addenda | 2004 Edition |
| I-589-1 | Class 3 Nonmetallic Cured-In-Place Piping | 1977 Edition with the Summer 1978 Addenda | 2013 Edition |
| 1-590 | Alternative to the Requirements of Subsection IWE, | 1992 Edition | 1995 Edition with the 1997 |
| | Requirements for Class MC and Metallic Liners of Class CC | | Addenda |
| F01 | Components of Light-Water Cooled Plants | 1002 Edition | 1005 Edition with the 1006 |
| -591 | Alternative to the Requirements of Subsection IWL, Requirements for Class CC Concrete Components of | 1992 Edition | 1995 Edition with the 1996 Addenda |
| | Light-Water Cooled Plants | | Audelida |
| -592 | ASNT Central Certification Program | 1974 Edition | 1998 Edition |
| I-593 | Alternative Examination Requirements for Steam Generator | 1974 Edition | 2004 Edition |
| | Nozzle-to-Vessel Welds | | |
| I-593-1 | Examination Requirements for Steam Generator Nozzle- to-Vessel Welds | 1974 Edition | 2013 Edition |
| 1-593-2 | Examination Requirements for Steam Generator Nozzle- to-Vessel Welds | 1974 Edition | 2013 Edition |
| -597 | Requirements for Analytical Evaluation of Pipe Wall Thinning | 1974 Edition | 2004 Edition |
| -597-1 | Requirements for Analytical Evaluation of Pipe Wall Thinning | 1974 Edition | 2004 Edition |
| -597-2 | Requirements for Analytical Evaluation of Pipe Wall Thinning | 1974 Edition | 2013 Edition |
| 1-597-3 | Evaluation of Pipe Wall Thinning | 1974 Edition | 2013 Edition |
| I-598 | Alternative Requirements to Required Percentages of Examinations | 1977 Edition | 1995 Edition with the 1997 Addenda |
| N-599 | Alternatives to Qualification of Nondestructive Examination | 1992 Edition with the 1992 | 1995 Edition with the 1997 |
| . 600 | Personnel for Inservice Inspection of Metal (Class MC) and Concrete (Class CC) Containments | Addenda | Addenda |
| I-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 |
| I-601 | Extent and Frequency of VT-3 Visual Examination for Inservice Inspection of Metal Containments | | 1995 Edition with the 1997 Addenda |
| I-603 | Alternative to the Requirements of IWL-2421, Sites With Two | 1989 Edition with the 1991 | 1995 Edition with the 1996 |
| | Plants | Addenda | Addenda |
| I-604 | Alternative to Bolt Torque or Tension Test Requirements of | 1989 Edition | 1995 Edition with the 1997 |
| | Table IWE-2500-1, Category E-G, Item E8.20 | | Addenda |
| I-605 | Alternative to the Requirements of IWE-2500(c) for Augmented Examination of Surface Areas | 1989 Edition | 1995 Edition with the 1997 Addenda |
| I-606 | Similar and Dissimilar Metal Welding Using Ambient | 1977 Edition with the | 2004 Edition |
| | Temperature Machine GTAW Temper Bead Technique | Summer 1978 Addenda | |
| I-606-1 | Similar and Dissimilar Metal Welding Using Ambient | 1977 Edition with the | 2013 Edition |
| | Temperature Machine GTAW Temper Bead Technique for BWR CRD Housing/Stub Tube Repairs | Summer 1978 Addenda | 2242 7 111 |
| I-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 | 2013 Edition |
| I-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 | 2010 Edition |
| 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 |

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| No. | Title | From | Up to and Including |
| 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 | 2013 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-616 | Alternative Requirements for VT-2 Visual Examination of Classes 1, 2, and 3 Insulated Pressure-Retaining Bolted Connections | 1983 Edition with the Winter 1984 Addenda | 2001 Edition with the 2002 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 | 2013 Edition |
| N-619 | Alternative Requirements for Nozzle Inner Radius Inspections for Class 1 Pressurizer and Steam Generator Nozzles | 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-629 | Use of Fracture Toughness Test Data to Establish Reference Temperature for Pressure Retaining Materials | 1977 Edition with the Summer 1978 Addenda | 2010 Edition with the 2011 Addenda |
| 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 | 2004 Edition |
| N-638-5 | Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique | 1980 Edition with the Winter 1981 Addenda | |
| N-638-6 | Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique | 1980 Edition with the Winter 1981 Addenda | |
| N-638-7 | Similar and Dissimilar Metal Welding Using Ambient Temperature Machine GTAW Temper Bead Technique | 1980 Edition with the Winter 1981 Addenda | |
| N-639 | Alternative Calibration Block Material | 1986 Edition with the 1987 Addenda | 2013 Edition |
| N-640 | Alternative Reference Fracture Toughness for Development of P-T Limit Curves | Addenda | 1998 Edition |
| N-641 | Alternative Pressure-Temperature Relationship and Low Temperature Overpressure Protection System Requirements | 1977 Edition with the Summer 1978 Addenda | 2013 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 | 2013 Edition |

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| No. | Title | From | Up to and Including |
| N-647 | Alternative to Augmented Examination Requirements of | 1977 Edition with the | 1998 Edition with the |
| | IWE-2500 | Summer 1978 Addenda | 2000 Addenda |
| N-648 | Alternative Requirements for Inner Radius Examinations of | 1977 Edition with the | 2004 Edition |
| N-648-1 | Class 1 Reactor Vessel Nozzles Alternative Requirements for Inner Radius Examinations of | Summer 1978 Addenda 1977 Edition with the | 2013 Edition |
| N-040-1 | Class 1 Reactor Vessel Nozzles | Summer 1978 Addenda | 2013 Edition |
| N-648-2 | Alternative Requirements for Inner Radius Examinations of | 1983 Edition with the Winter | 2013 Edition |
| | Class 1 Reactor Vessel Nozzles | 1983 Addenda | |
| 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 | 2013 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 |
| 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 | 1977 Edition | 2010 Edition |
| | Bolting Examination Methods and Selection Criteria | | |
| N-653 | Qualification Requirements for Full Structural Overlaid | 1989 Edition with the 1989 | 2004 Edition |
| V 450 4 | Wrought Austenitic Piping Welds | Addenda | 2242 7 111 |
| N-653-1 | Qualification Requirements for Full Structural Overlaid | 1989 Edition with the 1989 Addenda | 2013 Edition |
| N-654 | Wrought Austenitic Piping Welds Acceptance Criteria for Flaws in Ferritic Steel Components 4 in. | | 2013 Edition |
| N-034 | and Greater in Thickness | 1774 Edition | 2013 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 | 2013 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 | 2013 Edition |
| 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-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 | 2004 Edition |
| N-666-1 | Weld Overlay of Class 1, 2, and 3 Socket Welded Connections | 1995 Edition with the 1996 Addenda | 2010 Edition with the 2011 Addenda |
| 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 | $\label{eq:linear_equirements} \mbox{Alternative Requirements for Visual Examinations, VT-1, VT-2,} \\ \mbox{and VT-3}$ | 1989 Edition with the 1990 Addenda | 1998 Edition with the 2000 Addenda |
| N-686-1 | $\label{eq:linear_equirements} Alternative Requirements for Visual Examinations, VT-1, VT-2, and VT-3$ | 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 |

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| No. | Title | From | Up to and Including |
| 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-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 | 2013 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 | 2013 Edition |
| N-705 | $\label{thm:continuous} Evaluation\ Criteria\ for\ Temporary\ Acceptance\ of\ Degradation\ in$ $Moderate\ Energy\ Class\ 2\ or\ 3\ Vessels\ and\ Tanks$ | 1983 Edition with the Winter 1985 Addenda | 2013 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 | 2013 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 | 2013 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 | 2013 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 | 2013 Edition |
| N-722-2 | Visual Examinations for PWR Pressure Retaining Welds in Class 1 Components Fabricated With Alloy 600/82/182 Materials | 1980 Edition | 2013 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 | 1995 Edition with the 1996 Addenda | 2013 Edition |
| N-729-4 | Alternative Examination Requirements for PWR Reactor Vessel Upper Heads With Nozzles Having Pressure-Retaining Partial-Penetration Welds | 1995 Edition with the 1996 Addenda | 2013 Edition |
| N-730 | Roll Expansion of Class 1 Control Rod Drive Bottom Head Penetrations in BWRs | 1989 Edition | 2007 Edition with the 2008 Addenda |

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| N-730-1 Roll Expansion of Class 1 Control Rod Drive Bottom Head Penetrations in BWRs N-731 Alternative Class 1 System Lealage Test Pressure Requirements 1995 Edition with the 1996 of a Mechanical Connection Modification N-735 Successive Inspections of Class 1 and 2 Piping Welds of a Mechanical Connection Modification N-736 Alternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations N-739-1 Alternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations N-740-1 Dissimilar Metal Weld Overlay for Repair or Mitigation of Class 1, 2, and 3 Items N-740-1 Dissimilar Metal Weld Overlay for Repair or Mitigation of Class 1, 2, and 3 Items N-740-2 Full Structural Dissimilar Metal Weld Overlay for Repair or Mitigation of Class 1, 2, and 3 Items N-740 Reactor Vessel Head-to-Plange Weld Examination N-749 Reactor Vessel Head-to-Plange Weld Examination N-740 Reactor Vessel Head-to-Plange Weld Examination N-740 Reactor Vessel Head-to-Plange Weld Examination N-741 Use of Polyethylene (PE) Plastic Pipe N-751 Vision Texts Optimized Structural Dissimilar Metal Weld Overlay for Mitigation of PWR Class 1 Items N-751 Use of Polyethylene (PE) Plastic Pipe N-755 Vision Person Repair Procedure Qualification Requirements for Repair/Replacement Activities Without Postweld Heat Treatment N-762-1 Temper Bead Procedure Qualification Requirements for Repair/Replacement Activities Without Postweld Heat Treatment 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 N-769 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs N-769 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs N-769 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs N-760 Nickel Alloy Reactor Coolant Inlay and Onlay for Mitigation of PWR Ellenetration in BWRs N-761 Nic | Code Case | | App | licability |
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| Penetrations in BWRs Addenda Addenda Addenda Part Variation (1982) Edition with the 1992 Addenda Addenda Addenda Mitigation of Flaws in NFS 2 (DN 50) and Smaller Nozzles and Mitigation of Flaws in NFS 2 (DN 50) and Smaller Nozzles and Mitigation of Flaws in NFS 2 (DN 50) and Smaller Nozzles and Mitigation of Flaws in NFS 2 (DN 50) and Smaller Nozzles and Mitigation of Flaws in NFS 2 (DN 50) and Smaller Nozzles and Addenda Addenda Addenda Performing Class CC Concrete and Post-tensioning System Visual Examinations Visual Examination Visual Visual Visual Visual Visual Visual | No. | Title | From | Up to and Including |
| Arrantive Class 1 System Leakage Test Pressure Requirements 1999 Edition 2013 Edition 2014 Edition with the Norzale Partial Prenteration Weds in Vessels and Phing by Use of a Mechanical Connection Modification 1995 Edition with the 1996 2013 Edition 2014 Edition with the 1997 2004 Edition with the 1997 2004 Edition with the 2004 Editi | N-730-1 | - | | 2007 Edition with the 2009 |
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| Nozzle Partial Penetration Welds in Vessels and Piping by Use of a Mechanical Connection Modification of Addenda Successive Inspections of Class 1 and 2 Piping Welds Addenda 1995 Edition with the 1992 2004 Edition with the 1992 Addenda 2004 Edition with the 1992 2004 Edition with the 1992 Addenda 2004 Edition with the 1992 2004 Edition with the 2004 Edition with the 1992 2004 Edition with the 1992 2004 Edition with the 2004 Edition with the 1992 2004 Edition with the 2004 Edition | | , , | | |
| of a Mechanical Connection Modification Successive Inspections of Class 1 and 2 Piping Welds Affermative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations Wisual Examinations Performing Class CC Concrete and Post-tensioning System Visual Examinations Visual Examination Visual Medical Vision Tests Visual Examination Visual Medical Visual | N-/33 | | 1983 Edition | |
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| Alternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations 1-739-1 Alternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations 1-740 Dissimilar Metal Weld Overlay for Repair of Class 1, 2, and 3 Items 1-7410 Dissimilar Metal Weld Overlay for Repair or Mitigation of Class 1, 2, and 3 Items 1-740-1 Dissimilar Metal Weld Overlay for Repair or Mitigation of Class 1, 2, and 3 Items 1-740-1 Dissimilar Metal Weld Overlay for Repair or Mitigation of Class 1, 2, and 3 Items 1-740-1 Plass Mitigation of Class 1, 2, and 3 Items 1-7417 Reactor Vessel Head-to-Plange Weld Examination 1-749 Alternative Acceptance Criteria for Flaws in Ferritic Steel Components Operating in the Upper Shelf Temperature Range 1-751 Pressure Testing of Containment Penetration Piping 1-752 Pressure Testing of Containment Penetration Piping 1-753 Vision Tests 1-754 Optimized Structural Dissimilar Metal Weld Overlay for Mitigation of PWR Class 1 Items 1-755 Use of Polyethylene (PE) Plastic Pipe 1-756 Alternative to Inspection Interval Scheduling Requirements for Repair/ Replacement Activities Without Postweld Heat Treatment 1-756 Alternative to Inspection Inlay and Onlay for Mitigation of PWR Full Penetration Circumferential Nickel Alloy Dissimilar Metal Weld in Class 1 Items 1-766 Nickel Alloy Reactor Coolant Inlay and Onlay for Mitigation of PWR Full Penetration Circumferential Nickel Alloy Dissimilar Metal Welds in Class 1 Items 1-767 Repertations in BWRs 1-769 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs 1-769 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs 1-769 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetration with the 1995 Addenda 1-769 Roll Expansion of Class 1 In-Core Housing Bott | J-735 | | 1995 Edition with the 1996 | 2013 Edition |
| Atternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations Atternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations Atternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations Atternative Qualification Requirements for Personnel Performing Class CC Concrete and Post-tensioning System Visual Examinations Dissimilar Metal Weld Overlay for Repair or Mitigation of Class 1, 2, and 3 tems 1, 3, and 1 tems 1, 4, 2, and 3 tems 1, 4 | 1 733 | successive hispections of class I and 2 i iping welds | | 2013 Edition |
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| Visual Examinations Visual Examination Visual Examination Visual Examination Visual Examination Visual Examination Visimilar Metal Weld Overlay for Repair or Mitigation of Class 1, 2, and 3 ltems Visual Examination Visition Visi | N-739-1 | Alternative Qualification Requirements for Personnel | 1992 Edition with the 1992 | 2004 Edition with the 2006 |
| N-740 Dissimilar Metal Weld Overlay for Repair of Class 1, 2, and 3 1981 Edition with Winter 1981 Addenda Adde | | Performing Class CC Concrete and Post-tensioning System | Addenda | Addenda |
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| 1, 2, and 3 Items 1, 36, and 3 Items 1, 2, and 3 Items 1, 36, and 3 Items 1, 37, and 3 Items 1, 37, and 3 Items 1, 38, and 3 Items 1, 39, and 3 Items 1, 30, and 3 Ite | | Items | 1981 Addenda | Addenda |
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| R-769 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs R-769-1 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs R-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs R-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs R-769-2 Addenda R-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head | | • | Addenda | |
| Penetrations in BWRs Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs R-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs R-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs Roll Expansion of Class 1 In-Core Housing Bottom Head | 1 760 | | 1000 Edition | 2007 Edition with the 2009 |
| R-769-1 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs Addenda R-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs Addenda R-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head Addenda R-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head Addenda R-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head Addenda | 1-709 | | 1909 Edition | |
| Penetrations in BWRs Addenda N-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs Addenda Addenda Addenda | I-769-1 | | 1989 Edition | 2007 Edition with the 2009 |
| N-769-2 Roll Expansion of Class 1 In-Core Housing Bottom Head Penetrations in BWRs 1995 Edition with the 1996 2007 Edition with the Addenda Addenda | | • | 1909 Bandon | |
| Penetrations in BWRs Addenda Addenda | N-769-2 | Roll Expansion of Class 1 In-Core Housing Bottom Head | 1995 Edition with the 1996 | 2007 Edition with the 2009 |
| 1-770 Alternative Examination Requirements and Acceptance 1989 Edition 2013 Edition | | | | |
| · | I-770 | | | |
| Standards for Class 1 PWR Piping and Vessel Nozzle Butt | | · · · · · · · · · · · · · · · · · · · | | |
| Welds Fabricated With UNS N06082 or UNS W86182 Weld | | Welds Fabricated With UNS N06082 or UNS W86182 Weld | | |
| Filler Material With or Without Application of Listed | | Filler Material With or Without Application of Listed | | |
| Mitigation Activities | | Mitigation Activities | | |

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| Code Case | | Applicability | |
|----------------|---|---------------------------------------|---|
| No. | Title | 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 | 2013 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 | 2013 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 | 2013 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 | 2013 Edition |
| N-771 | Alternative Requirements for Additional Examinations of Class 2 or 3 Items | 1992 Edition | 2007 Edition with the 2009 Addenda |
| N-773 | Alternative Qualification Criteria for Eddy Current Examinations of Piping Inside Surfaces | 1995 Edition with the 1996 Addenda | 2013 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 | 2013 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 | 2013 Edition |
| N-788 | Third Party NDE Certification Organizations | 1995 Edition | 2013 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 | 2013 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 | 2013 Edition |
| N-795 | Alternative Requirements for BWR Class 1 System Leakage Test Pressure Following Repair/Replacement Activities | 1998 Edition with the 1999 Addenda | 2013 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 | 2013 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 | 2013 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 | Evanuation of Metal Loss in Class 2 and 3 Metallic Piping Buried in a Back-Filled Trench | 1995 Edition | 2013 Edition |
| N-813 | Alternative Requirements for Preservice Volumetric and Surface Examination | 1989 Edition | 2013 Edition |

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| Title Visual Examination | From | II 4 J. I |
|--|---|--|
| Visual Evamination | | Up to and Including |
| VISUAL EXAMINATION | 2001 Edition with the 2003 Addenda | 2010 Edition with the 2011 Addenda |
| Visual Examination | 2001 Edition with the 2003 Addenda | 2010 Edition with the 2011 Addenda |
| Ultrasonic Examination of Cast Austenitic Piping Welds From the Outside Surface | 2001 Edition | 2013 Edition |
| Alternative Requirements for Examination of Control Rod Drive Housing Welds | 1995 Edition with the 1996 Addenda | 2013 Edition |
| | 1995 Edition with the 1996 Addenda | 2013 Edition |
| Austenitic Stainless Steel Cladding and Nickel Base Cladding Using Ambient Temperature Machine GTAW Temper Bead Technique | 1995 Edition with the 1996 Addenda | 2013 Edition |
| Direct Use of Master Fracture Toughness Curve for Pressure-Retaining Materials of Class 1 Vessels | 1992 Edition | 2013 Edition |
| Similar and Dissimilar Metal Welding Using Ambient Temperature SMAW Temper Bead Technique | 1995 Edition with the 1996 Addenda | 2013 Edition |
| Cladding Repair by Underwater Electrochemical Deposition in Class 1 and 2 Applications | 1995 Edition with the 1996 Addenda | 2013 Edition |
| Alternative Inspection Program for Longer Fuel Cycles | 2007 Edition with the 2008 Addenda | 2013 Edition |
| Alternative Pressure Testing Requirements Following Repairs or Replacements for Class 1 Piping Between the First and Second Injection Isolation Valves | 1980 Edition | 2013 Edition |
| Qualification Requirements for Bolts and Studs | 1995 Edition with the 1996 Addenda | 2013 Edition |
| In Situ VT-3 Examination of Removable Core Support Structures Without Removal | 2007 Edition with the 2008 Addenda | 2013 Edition |
| | Ultrasonic Examination of Cast Austenitic Piping Welds From the Outside Surface Alternative Requirements for Examination of Control Rod Drive Housing Welds Ultrasonic Examination of Full Penetration Vessel Weld Joints in Figures IWB-2500-1 Through IWB-2500-6 Austenitic Stainless Steel Cladding and Nickel Base Cladding Using Ambient Temperature Machine GTAW Temper Bead Technique Direct Use of Master Fracture Toughness Curve for Pressure-Retaining Materials of Class 1 Vessels Similar and Dissimilar Metal Welding Using Ambient Temperature SMAW Temper Bead Technique Cladding Repair by Underwater Electrochemical Deposition in Class 1 and 2 Applications Alternative Inspection Program for Longer Fuel Cycles Alternative Pressure Testing Requirements Following Repairs or Replacements for Class 1 Piping Between the First and Second Injection Isolation Valves Qualification Requirements for Bolts and Studs In Situ VT-3 Examination of Removable Core Support Structures | Ultrasonic Examination of Cast Austenitic Piping Welds From the Outside Surface Alternative Requirements for Examination of Control Rod Drive Housing Welds Ultrasonic Examination of Full Penetration Vessel Weld Joints in Figures IWB-2500-1 Through IWB-2500-6 Austenitic Stainless Steel Cladding and Nickel Base Cladding Using Ambient Temperature Machine GTAW Temper Bead Technique Direct Use of Master Fracture Toughness Curve for Pressure-Retaining Materials of Class 1 Vessels Similar and Dissimilar Metal Welding Using Ambient Temperature SMAW Temper Bead Technique Cladding Repair by Underwater Electrochemical Deposition in Class 1 and 2 Applications Alternative Inspection Program for Longer Fuel Cycles Alternative Pressure Testing Requirements Following Repairs or Replacements for Class 1 Piping Between the First and Second Injection Isolation Valves Qualification Requirements for Bolts and Studs Addenda In Situ VT-3 Examination of Removable Core Support Structures Addenda 2001 Edition 1995 Edition with the 1996 Addenda 1995 Edition with the 1996 Addenda 1995 Edition with the 2008 Addenda 2007 Edition with the 1996 Addenda |

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.

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