

Code Case No.	Title	Applicability	
		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-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-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	2017 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	2017 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	1977 Edition with the Summer 1978 Addenda	2015 Edition [see Guideline for Cross-Referencing Section XI, Table 1, General Note (d)]
N-576-2	Repair of Class 1 and 2 SB-163, UNS N06600 Steam Generator Tubing	1995 Edition with the 1996 Addenda	2017 Edition
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

should be "Classes"

Approval Date: May 7, 1999

The ASME Boiler and Pressure Vessel Standards Committee took action to eliminate Code Case expiration dates effective March 11, 2005. This means that all Code Cases listed in this Supplement and beyond will remain available for use until annulled by the ASME Boiler and Pressure Vessel Standards Committee.

**Case N-576-1**  
**Repair of Classes 1 and 2 SB-163, UNS N06600 Steam**  
**Generator Tubing**  
**Section XI, Division 1**

*Inquiry:* In lieu of meeting the requirements of the Con

TABLE 1  
CHEMICAL REQUIREMENTS

Element	Composition, %
Carbon	0.01–0.10
Chromium	42.0–46.0

Approval Date: March 16, 2012

Code Cases will remain available for use until annulled by the applicable Standards Committee.

**Case N-576-2**  
**Repair of Classes 1 and 2 SB-163, UNS N06600 Steam**  
**Generator Tubing**  
**Section XI, Division 1**

*Inquiry:* In lieu of meeting the requirements of the Construction Code, as required by IWA-4411,<sup>1</sup> may SB-163, UNS N06600, steam generator tubing be repaired by applying a laser beam weld (LBW) deposit on the inside surface of the steam generator tubing?

*Reply:* It is the opinion of the Committee that, in lieu of the requirements of IWA-4411<sup>1</sup> SB-163, UNS N06600, steam generator tubing may be repaired by means of partial penetration, with filler metal, laser beam welding (LBW) on the inside surface of the tube in accordance with the following requirements.

(e) The Owner shall perform in accordance with IWB-3630, evaluation of an assumed flaw within the LBW deposit with a depth of 20% of the minimum qualified LBW deposit thickness.

(f) The requirements of NB-3222 through NB-3229,<sup>2</sup> as applicable, shall be met for the pressure boundary and the tube material adjacent to the LBW deposit. The Owner shall establish the material properties of the LBW deposited materials necessary for this analysis.

(g) Each LBW deposit, and adjacent tube base material extending a minimum of  $\frac{1}{16}$  in. from each end of the LBW deposit, shall receive a postweld heat treatment (PWHT).

(h) The LBW deposit shall be applied over 360 deg of the I.D. circumference of the tube.

(i) Weld repair of an LBW deposit requires requalification of the weld procedure if any essential variable is changed.