

SECTION XI

<u>Subject</u>	<u>Interpretation</u>	<u>File No.</u>
Code Case N-522	XI-1-07-29	08-56
Code Case N-532 Through N-532-4	XI-1-07-31	08-340
Code Case N-638-1	XI-1-07-30	08-116
IWA-4000	XI-1-04-30R	IN05-014*
IWA-4120 (2001 Edition Through the 2004 Edition With the 2006 Addenda)	XI-1-07-17R	IN05-014*
IWA-5240 (2001 Edition Through the 2007 Edition With the 2008 Addenda)	XI-1-07-34	08-413
Nonmandatory Appendix C, Tables C-6410-1 and C-6410-2 (2001 Edition With the 2002 Addenda Through the 2007 Edition With the 2008 Addenda)	XI-1-07-33	08-459
Table IWB-2500-1, Examination Category B-A (1998 Edition With the 1999 Addenda Through the 2001 Edition With the 2002 Addenda)	XI-1-07-32	08-554

Interpretation: XI-1-04-30R

Subject: IWA-4000

Date Issued: April 29, 2008

File: IN05-014*

Question (1): Does IWA-4000 (1992 Edition with the 1992 Addenda through the 1998 Edition with the 2000 Addenda) address mechanically installed heat exchanger tube plug assemblies?

Reply (1): No.

Question (2): Does IWA-4000 (2001 Edition through the 2004 Edition with the 2006 Addenda) address Class 2 and 3 mechanically installed heat exchanger tube plug assemblies?

Reply (2): No.

Interpretation: XI-1-07-17R

Subject: IWA-4120 (2001 Edition Through the 2004 Edition With the 2006 Addenda)

Date Issued: April 29, 2008

File: IN05-014*

Question: Is it the intent of IWA-4120 to exempt material associated with Class 1 heat exchanger tube plug assemblies?

Reply: No.

Interpretation: XI-1-07-29

Subject: Code Case N-522

Date Issued: February 14, 2008

File: 08-56

Question (1): When applying Code Case N-522, do the requirements of IWA-5000 and IWC-5000 apply to the penetration being tested by 10 CFR 50, Appendix J?

Reply (1): No.

Question (2): When applying Code Case N-522, does the 10 CFR 50, Appendix J testing frequency supersede the IWC-2500 testing frequency?

Reply (2): Yes.

Question (3): Is it a requirement of Section XI, when applying Code Case N-522, that IWA-2110 (Duties of the Inspector) applies to the applicable areas being tested by 10 CFR 50, Appendix J?

Reply (3): No.

Interpretation: XI-1-07-30

Subject: Code Case N-638-1

Date Issued: February 14, 2008

File: 08-116

Question: Does Code Case N-638-1 permit removal and rewelding of the buttering for one-half the thickness of the pipe, as measured in the radial direction?

Reply: Yes.

Interpretation: XI-1-07-31

Subject: Code Case N-532 Through N-532-4

Date Issued: April 29, 2008

File: 08-340

Question: Is it a requirement of Code Case N-532 through N-532-4 that repair/replacement activities involving small items (IWA-4131) that correct unacceptable flaws and relevant conditions need to be reported in the OAR-1 Report, Table 2?

Reply: No.

Interpretation: XI-1-07-32

Subject: Table IWB-2500-1, Examination Category B-A (1998 Edition With the 1999 Addenda Through the 2001 Edition With the 2002 Addenda)

Date Issued: April 29, 2008

File: 08-554

Question: Is the change in the 2002 Addenda that revised Table IWB-2500-1, Examination Category B-A, to incorporate the provisions of Code Case N-623, errata to the 1999 Addenda, and therefore retroactive to the 1999 Addenda?

Reply: Yes. The change was mistakenly not shown as errata and is retroactive to the 1999 Addenda.

Interpretation: XI-1-07-33

Subject: Nonmandatory Appendix C, Tables C-6410-1 and C-6410-2 (2001 Edition With the 2002 Addenda Through the 2007 Edition With the 2008 Addenda)

Date Issued: May 6, 2008

File: 08-459

Question: Is it correct in Tables C-6410-1 and C-6410-2 to have σ_i/σ_f as the definition of stress ratio in Note (2) to the tables?

Reply: No. The definition of stress ratio as σ_i/σ_f was published in error and will be corrected. The stress ratio to be used when applying Tables C-6410-1 and C-6410-2 is $(pR_m/t)/18.1$ for U.S. Customary units in ksi or $(pR_m/t)/124$ for SI units in MPa, where p is the internal pressure, R_m is the mean pipe radius, and t is the pipe wall thickness.

Interpretation: XI-1-07-34

Subject: IWA-5240 (2001 Edition Through the 2007 Edition With the 2008 Addenda)

Date Issued: June 16, 2008

File: 08-413

Question (1): If access to a pressure-retaining component (portion of pressure-retaining pipe) is totally blocked by a structure/barrier (no access is available to the surrounding area, no access is available for remote visual equipment, no leakage detection system is installed, and no annulus surrounds the component), is it a requirement of IWA-5240 that a VT-2 visual exam be performed?

Reply (1): No.

Question (2): Is it a requirement of IWA-5240 that a structure/barrier, described in Question (1), if not designed for disassembly, be disassembled in order to perform a VT-2 visual exam?

Reply (2): No.