**Section 505.40 Standards Incorporated by Reference**

The Agency hereby adopts and incorporates by reference the following codes and standards.

a) The Boiler and Pressure Vessel Code of the American Society of Mechanical Engineers with addenda thereto made. Those sections of the ASME Code listed in this Section are incorporated into the regulations of the Agency.

1) ASME Boiler and Pressure Vessel Code, 1952 Edition including all addenda and editions through the 2019 edition, for the following:

A) Section I, Rules for Construction of Power Boilers;

B) Section II, Materials

Part A − Ferrous Material Specifications

Part B − Nonferrous Material Specifications

Part C − Specifications for Welding Rods, Electrodes and Filler Metals

Part D – Properties (Customary and Metric);

C) Section III, Rules for Construction of Nuclear Facility Components

Subsection NCA – General Requirements for Division 1 and Division 2

Division 1 Appendices

Division 2 − Code for Concrete Containments

Division 3 − Containment Systems for Transportation and Storage of Spent Nuclear Fuel and High-Level Radioactive Material

Division 5 − High Temperature Reactors;

D) Section IV, Rules for Construction of Heating Boilers;

E) Section V, Nondestructive Examination;

F) Section VI, Recommended Rules for the Care and Operation of Heating Boilers;

G) Section VII, Recommended Guidelines for the Care of Power Boilers;

H) Section VIII, Rules for Construction of Pressure Vessels

Division 1

Division 2 − Alternative Rules

Division 3 − Alternative Rules for Construction of High Pressure Vessels;

I) Section IX, Welding, Brazing, and Fusing Qualifications;

J) Section X, Fiber-Reinforced Plastic Pressure Vessels;

K) Section XII, Rules for Construction and Continued Service of Transport Tanks.

2) ASME Boiler and Pressure Vessel Code, editions and addenda referenced in 10 CFR 50.55a, including all limitations and modifications contained therein, for the following:

A) Section III, Rules for Construction of Nuclear Facility Components, Division 1; and

B) Section XI, Rules for Inservice Inspection of Nuclear Power Plant Components, Division 1 − Rules for Inspection and Testing of Components of Light-Water-Cooled Plants.

AGENCY NOTE: The Agency will review programs at specific plants on the basis of the edition and addenda of Sections III and XI approved by the NRC for the specific plant.

b) The National Board Inspection Code, 2019 edition, published by the National Board, except that "jurisdiction" shall be read as "Agency".

c) ASME CSD-1, 2018 edition, Controls and Safety Devices for Automatically Fired Boilers

d) NFPA 85, 2019 edition, Boiler and Combustion Systems Hazards Code.

e) ANSI/ASME N626, Qualification and Duties of Authorized Nuclear Inspection Agencies and Personnel, 1974 Edition including all addenda and editions through the N626b-1992 addendum. The Agency also adopts the successor standard to this standard, ASME QAI-1, Qualification for Authorized Inspection, 1995 edition, including all addenda and editions through the 2018 edition.

f) For documents included in subsections (a) through (e), the Agency is incorporating only those editions and addenda indicated. The Agency is not incorporating any subsequent edition or addendum to these documents. All documents are available for public review, by appointment, at the Agency offices, 1035 Outer Park Drive, Springfield, Illinois.

(Source: Amended at 45 Ill. Reg. 686, effective December 23, 2020)