

# **10 CFR 50.55a(g)(4)(ii) Code of Record Intervals and Code Case Updates**

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**INDUSTRY/NRC MATERIALS TECHNICAL EXCHANGE MEETING**

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# Acronyms

- American Society of Mechanical Engineers (ASME)
- Boiler and Pressure Vessel Code (Code)
- Inservice Inspection (ISI)
- Systems, Structures and Components (SSC)
- Technical Specifications (TS)
- Title 10 of the Code of Federal Regulations (10 CFR)

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# Outline

- Industry Question
- 10 CFR 50.55a(g)(4)(ii)
  - Applicable ISI Code: Successive code of record intervals
- 10 CFR 50.55a(b)(5)(ii)
  - ISI Code Case condition: Applying different revisions of Code Cases
- 10 CFR 50.55a(b)(5)(iii)
  - ISI Code Case condition: Applying annulled Code Cases
- 10 CFR 50.55a(y)
  - Definitions – Code of record interval

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## Industry Question

- If a licensee is transitioning from one ISI interval to the next ISI interval within one Code of Record interval, and an ASME Code Case used in the first ISI interval is updated, and approved by the NRC for incorporation in Reg Guide 1.147, is it a regulatory requirement that the licensee must update their ISI program with the latest NRC approved revision of that ASME Code Case?
- NRC Response – No, but they can.

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## 10 CFR 50.55a(g)(4)(ii)

- Applicable ISI Code: Successive code of record intervals.
  - Inservice examination of components and system pressure tests conducted during successive code of record intervals must comply with the requirements of the latest edition and addenda of the ASME BPV Code incorporated by reference in paragraph (a) of this section no more than 18 months before the start of the code of record interval (or the optional ASME Code Cases listed in NRC Regulatory Guide 1.147, when using ASME BPV Code, Section XI...

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## 10 CFR 50.55a(b)(5)(ii)

- ISI Code Case condition: Applying different revisions of Code Cases.
  - If a licensee has previously applied a Code Case and a later version of the Code Case is incorporated by reference in paragraph (a) of this section, the licensee may continue to apply, to the end of the current code of record interval, the previous version of the Code Case, as authorized, or may apply the later version of the Code Case, including any NRC-specified conditions placed on its use. Licensees who choose to continue use of the Code Case during subsequent code of record intervals will be required to implement the latest version incorporated by reference into this section as listed in tables 1 and 2 of NRC Regulatory Guide 1.147, as incorporated by reference in paragraph (a)(3)(ii) of this section.

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## 10 CFR 50.55a(b)(5)(iii)

- ISI Code Case condition: Applying annulled Code Cases.
  - Application of an annulled Code Case is prohibited unless a licensee previously applied the listed Code Case prior to it being listed as annulled in NRC Regulatory Guide 1.147. If a licensee has applied a listed Code Case that is later listed as annulled in NRC Regulatory Guide 1.147, the licensee may continue to apply the Code Case to the end of the current code of record interval.

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# 10 CFR 50.55a(y)

- Definitions – Code of Record Interval
  - Code of record interval means the period of time between the code of record updates required by paragraphs (f)(4) and (g)(4) of this section for the inservice examination and test programs and inservice inspection programs, respectively.
    - (1) For licensees with codes of record prior to ASME BPV Code, Section XI, 2017 Edition, and OM Code, 2017 Edition, as incorporated by reference in paragraph (a) of this section, the code of record interval is the same as the inservice inspection interval or inservice examination and test interval.
    - (2) For licensees with codes of record of ASME BPV Code, Section XI, 2017 Edition and OM Code, 2017 Edition, or later, as incorporated by reference in paragraph (a) of this section, the code of record interval is two consecutive inservice inspection or inservice examination and test intervals.



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# Discussion

Questions?