

New Inservice Update and Interval Extension Regulations

July 2025



Inservice Testing Regulations

Title 10, Chapter I, of the Code
of Federal Regulations (CFR)
Part 50 Section 55a Codes
and Standards

Abbreviated to 10 CFR 50.55a



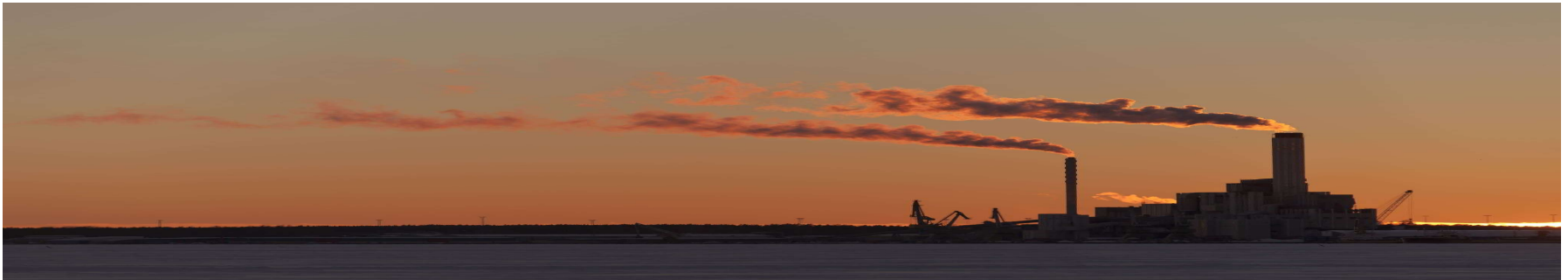
National Technology Transfer and Advancement Act of 1995

The National Technology Transfer and Advancement Act (NTTAA) of 1995 mandates:

- All Federal agencies and departments shall use technical standards developed or adopted by voluntary consensus standards bodies, using such technical standards as a means to carry out policy objectives or activities determined by the agencies and departments.
- Public Law 104 113, 1995



Letter from J. Richardson to F. Rhodes



- The NRC requested that the ASME Operation and Maintenance (OM) Committee improve their requirements
- Over the span of several decades, the ASME OM Committee introduced many improvements
- Design Basis Verification became the goal for many requirements

Detection of Hydraulic and Mechanical Degradation

- The 2017 and newer Editions of the ASME OM Codes verify operational readiness through verification of design capabilities
- Federal Register Notice 58039, Vol. 89, No. 137, Wednesday, July 17, 2024
- IST Update Regulation 10CFR50.55a changes
 - “Code of Record Interval” – Defined by 50.55a as ‘equal to 2 consecutive Inspection Intervals’ (so either 20 yrs or 24 yrs)
 - “Inspection/Testing Interval” – Defined by Section XI and OM Codes (10 yrs per Codes, 12 yrs per Code Cases)

IST Updates Are Still Required

- An IST Update is still required every 10 years (or 12 years if using ASME Code Case OMN-31)
- An IST Update to the latest Edition and Addenda of the ASME OM Code is required every 20 years (or 24 years if using ASME Code Case OMN-31)





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