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Comment (1)  
Publication Date:  
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**Docket:** NRC-2024-0121  
Acceptable ASME Section Xi Inservice inspection Code Cases for 10 CFR Part 72

**Comment On:** NRC-2024-0121-0001  
Draft Regulatory Guide: Acceptable ASME Section XI Inservice Inspection Code Cases

**Document:** NRC-2024-0121-DRAFT-0003  
Comment on FR Doc # 2024-15553

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## Submitter Information

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## General Comment

See attached file(s)

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## Attachments

08-15-24\_NRC\_Industry Comments DG-3058

August 15, 2024

Office of Administration  
Mail Stop: TWFN-7-A60M  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

ATTN: Program Management, Announcements and Editing Staff

**Subject:** NEI Comments on Draft Regulatory Guide DG-3058 (Docket ID NRC-2024-0121) and Draft Regulatory Analysis (ML24093A012)

*Submitted via Regulations.gov*

**Project Number: 689**

Dear Program Management, Announcements and Editing Staff:

The Nuclear Energy Institute (NEI)<sup>1</sup>, on behalf of its members is providing comments on Draft Regulatory DG-3058, “Acceptable ASME Section XI Inservice Inspection Code Cases,” and its associated draft regulatory analysis. This DG is a proposed new Regulatory Guide (RG) 3.78, and provides applicants and licensees with methods that the staff considers acceptable for specific or general independent spent fuel storage installation (ISFSI) licensees and certificate of compliance (CoC) holders to comply with NRC regulations for in-service inspection of confinement boundary components and aging management activities associated with the renewals of ISFSIs, general licensees, and CoC holders for spent fuel storage systems.

In DG-3058, NRC is endorsing the American Society of Mechanical Engineers (ASME) Code Case N-860, “Inspection Requirements and Evaluation Standards for Spent Nuclear Fuel Storage and Transportation Containment Systems Section XI, Division 1; Section XI, Division 2,” dated July 6, 2020.

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<sup>1</sup> The Nuclear Energy Institute (NEI) is responsible for establishing unified policy on behalf of its members relating to matters affecting the nuclear energy industry, including the regulatory aspects of generic operational and technical issues. NEI’s members include entities licensed to operate commercial nuclear power plants in the United States, nuclear plant designers, major architect and engineering firms, fuel cycle facilities, nuclear materials licensees, and other organizations involved in the nuclear energy industry.

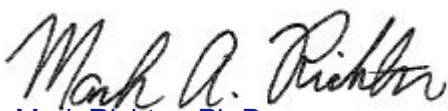
NEI commends the NRC staff for using ISFSI service environment and material performance data in the development of DG-3058, including enabling modification of inspection intervals based on susceptibility criteria, recommending the use of 72.48 to adopt the Code Case without an amendment, recognizing the transformation of non-chloride salts into sodium sulfate and nitrite which act as CICSS inhibitors, and recognizing testing results that demonstrate that CISCC of austenitic stainless steel welds at low-susceptibility sites is very unlikely.

NEI agrees with the staff decision rationale and implementation conclusion reflected in the associated draft regulatory analysis - this guidance will result in total quantified benefits that exceed the relatively small costs of implementation. DG-3058 is a noteworthy example of applying risk insights to improve the regulatory framework.

NEI offers one specific comment for improvement, related to the additional alternative staff offers to ASME CC N-860, Subarticle-2700, Subsubarticle-2720, "Changes to Inspection Interval." For ISFSIs with a CISCC susceptibility criteria of 3 or less and three consecutive inspections with consistent results, an inspection interval of 40 years may be established. NEI suggests that additional staff guidance regarding the process for crediting previous inspections will be helpful in the implementation of the alternative and establishing the 40-year inspection interval.

On behalf of our members, we are grateful for the opportunity to review DG-3058 and look forward to its implementation in 2025. We also look forward to working with NRC to continue to build on the knowledge gained during nearly 40 years of dry storage operations to further modernize the regulatory framework. Please contact me ([mar@nei.org](mailto:mar@nei.org)) with any comments or questions on the content of this letter.

Sincerely,



Mark Richter, Ph.D.  
Technical Advisor

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