

SUNI Review Complete
Template=ADM-013
E-RIDS=ADM-03

ADD: Shivani Mehta,
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Comment (1)
Publication Date:
11/16/2020
CITATION 85 FR 73088

As of: 1/7/21 7:27 AM
Received: December 18, 2020
Status: Pending_Post
Tracking No. kiu-9qwc-w2rx
Comments Due: December 31, 2020
Submission Type: Web

PUBLIC SUBMISSION

Docket: NRC-2020-0231

Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants

Comment On: NRC-2020-0231-0001

Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants

Document: NRC-2020-0231-DRAFT-0003

Comment on FR Doc # 2020-25173

Submitter Information

Email: vka@nei.org

Organization: Nuclear Energy Institute

General Comment

Industry Comments on Draft Regulatory Guide (DG) 1360, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants," 85 FRN 73088-73089; Docket ID NRC-2020-0231e attached file(s)

Attachments

12-18-20_NEI Comments on Draft Regulatory Guide (DG) 1360 85 FRN 73088-73089 Docket ID NRC-2020-0231

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December 18, 2020

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

Subject: Industry Comments on Draft Regulatory Guide (DG) 1360, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants," 85 FRN 73088-73089; Docket ID NRC-2020-0231

Submitted via regulations.gov

Project Number: 689

Dear Ms. Jennifer Borges:

The Nuclear Energy Institute (NEI)¹, on behalf of its members, submits the following comments on DG-1360, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants." We are supportive of the effort to revise this regulatory guide to endorse the latest revision of NEI 04-02, "Guidance for Implementing a Risk-Informed, Performance-Based Fire Protection Program Under 10 CFR 50.48(c)," and appreciate the opportunity to comment on the draft revision. In our review,

We encourage NRC to consider all stakeholder comments prior to finalizing the revision to this regulatory guide. Please contact me at vka@nei.org or (202) 739-8101 with any questions regarding our comments.

Sincerely,

A handwritten signature in black ink, appearing to read "Victoria K. Anderson".

Victoria K. Anderson

¹ 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.

Ms. Jennifer Borges

July 29, 2020

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Attachment

c: Mr. Michael Franovich, NRR
Mr. Greg Bowman, NRR
Mr. Joshua Borromeo, NRR
Mr. Shivani Mehta, NRR
Mr. Charles Moulton, NRR
Mr. Michael Eudy, RES

Attachment: NEI Detailed Comments on DG-1360, "Risk-Informed, Performance-Based Fire Protection for Existing Light-Water Nuclear Power Plants"

Section	Comment	Proposed Resolution
Section 3, Pages 22-24	Section 3.3 – Fire PRAs utilize processes in NUREG/CR-7150, Volume 2 on hot short-induced spurious operation probability and duration.	In order to acknowledge this and provide clarification in the event of any conflicts with Section 3.3, the following statement is recommended in Section 3.3 (following the paragraph in page 4 on shorting switches): "Guidance for circuit failure mode likelihood and hot short duration for use in Fire PRAs is included in NUREG/CR-7150, Volume 2."
Section 3.1, Page 19	The following statement that is included in most, if not all, license conditions, is not included in Section 3.1. "This License Condition does not apply to any demonstration of equivalency under Section 1.7 of NFPA 805."	Recommend including that statement at the end of "(1) Changes to NFPA 805, Chapter 3, Fundamental Fire Protection Program."