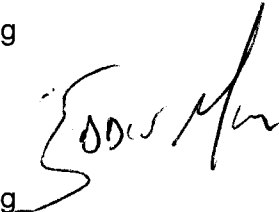




UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

October 20, 2017

MEMORANDUM TO: Michael T. Markley, Chief  
Plant Licensing Branch II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

FROM: G. Edward Miller, Project Manager  
Special Projects and Process Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation 

SUBJECT: SUMMARY OF SEPTEMBER 6, 2017, PUBLIC MEETING WITH  
NUCLEAR ENERGY INSTITUTE REGARDING 10 CFR 50.69  
LICENSE AMENDMENT REQUESTS

On September 6, 2017, the U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting<sup>1</sup> with staff from the Nuclear Energy Institute (NEI). The purpose of the meeting was to discuss NEI's model license amendment request (LAR) to implement a risk-informed program for categorization and treatment of structures, systems, and components for nuclear power reactors in accordance with Section 50.69, "Risk-Informed Categorization and Treatment of Structures, Systems, and Components for Nuclear Power Reactors," of Title 10 of the *Code of Federal Regulations* (10 CFR 50.69). This public meeting was a continuation of August 18, 2016, January 25, 2017, and June 21, 2017, public meetings held on the same topic.<sup>2</sup> This meeting focused on approaches to implementing 10 CFR 50.69 when a licensee did not have fire probabilistic risk assessment (PRA) (e.g., National Fire Protection Association Standard 805).

During the meeting, the NEI staff presented slides that walked through possible approaches to accounting for fire risk in the categorization of SSCs.<sup>3</sup> The NRC staff indicated that, similar to feedback in previous meeting on this topic, the use of older bounding evaluations in lieu of more modern PRA models may require additional justification. Further, the NRC staff acknowledged that use of the Fire Safe Shutdown Equipment List (SSEL) may be a viable alternative to using an older list from the Fire Induced Vulnerability Evaluation. The NRC staff indicated that this approach may warrant inclusion of the SSEL as a license condition. The NRC staff caveated that any approach would have to be reviewed in the context of a plant-specific license amendment request.

The NRC staff reinforced that it would be preferable for some of the initial applications to implement 10 CFR 50.69 be from licensees with more mature PRA model suites. This would

<sup>1</sup> The meeting notice and agenda are available in the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML17228A732.

<sup>2</sup> The meeting summary for the August 18, 2016, meeting is available under ADAMS Accession No. ML16250A548. The meeting summary for the January 25, 2017, meeting is available under ADAMS Accession No. ML17027A251. The meeting summary for the June 21, 2017, meeting is available under ADAMS Accession No. ML17177A063.

<sup>3</sup> The NEI slides are available under ADAMS Accession No. ML17249A072.

allow for lessons learned to be understood and applied when using older bounding evaluations for un-modeled hazards.

No regulatory decisions were made and both the NRC staff and the NEI indicated that they would consider the items discussed in the meeting.

Following the discussion, an opportunity was afforded to any other participants who wished to ask questions or make comments. No questions or comments were received.

The list of attendees is enclosed to this summary.

Enclosure:  
List of Attendees

# Sign In Sheet

Public Meeting With NEI to  
Discuss 10 CFR 50.69

DATE: Sept 6, 2017

Name	Organization
GREG KRUEGER	NEI
GERRY KINDRED	TVA
WILLIAM WEBSTER	DOMINION ENERGY
Ray Linthicum	PWROG
THOMAS ZACHARIAT	NEI
Israel Frumkin	NRC
Harry Barrett	NRC
Stephen Dinsmore	NRC
Thomas Hess	TVA
Jacob Johnson	TVA
Erin Henderson	TVA
Jenny Tobin	NRC
GARY Miller	Dom. Energy
GARY PETERS	AREVA
Milke Markley	NRC
David Stroup	NRC/RES
Dan O'Neal	NRC
MIHAELA BIRG	NRC/DRA
KIARU ZEB	JANSEN HUGHES
DEEPAK RAO	ENERGY
Lawrence A Mangan	FENOC
Ashlyenne Driven	NRC/DRA
Ed Miller	NRC/DORL
GR. CASO	NRC/DRA

# Sign In Sheet

DATE: Sept 6, 2017

Public Meeting With NEI to  
Discuss 10 CFR 50.69

Name	Organization
VIA PHONU	
MING LI	NRC/DE
BOB POST	DOMINION
ALLEN MOLDENHAUER	DOMINION
ROCKY KREIDER	EPM
JEFF YOSKUIL	PALISADES
LISA WILLIAMS	ENERGY NORTHWEST
MARK BROSSART	XCEL ENERGY
LEO ZIMMERMAN	DP ENGINEERING
SAEED SAUAR	ENERGY NORTHWEST
SAMIR DARBALI	NRC/DE

SUBJECT: SUMMARY OF JUNE 21, 2017, PUBLIC MEETING WITH NUCLEAR ENERGY INSTITUTE REGARDING 10 CFR 50.69 LICENSE AMENDMENT REQUESTS DATED OCTOBER 20, 2017

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TWertz, NRR

**ADAMS Accession No. ML17265A020**

**\*via e-mail**

OFFICE	NRR/DORL/LSPB/PM	NRR/DORL/LSPB/LA	NRR/DRA/APLA/BC
NAME	GEMiller	JBurkhardt	SRosenberg
DATE	10/20/2017	09/22/2017	10/20/2017
OFFICE	NRR/DORL/LPL2-1/BC	NRR/DORL/LSPB/PM	
NAME	MMarkley	GEMiller	
DATE	10/18/2017	10/20/2017	

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