



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

July 16, 2024

MEMORANDUM TO: Gerond A. George, Chief
Licensing Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

FROM: Leslie C. Fields, Senior Project Manager */RA/*
Licensing Projects Branch
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF PUBLIC MEETINGS BETWEEN THE
U.S. NUCLEAR REGULATORY COMMISSION AND THE
NUCLEAR ENERGY INSTITUTE TO DISCUSS REVISIONS TO
DRAFT GUIDANCE NEI 99-01 REVISION 7, "DEVELOPMENT
OF EMERGENCY ACTION LEVELS FOR NON-PASSIVE
REACTORS" (EPID L-2023-TOP-0045)

On March 15 and April 16, 2024, the U.S. Nuclear Commission (NRC) staff met with Nuclear Energy Institute (NEI) representatives to discuss Revision 7 of NEI 99-01, "Development of Emergency Action Levels for Non-Passive Reactor." The meeting summary is available in Enclosure 1 and the list of attendees is listed in Enclosure 2.

If you have any questions or comments, please contact me via e-mail at Leslie.Fields@nrc.gov.

Docket No. 99902037

Enclosures:

1. Meeting Summary
2. List of Attendees

CONTACT: Leslie Fields, NRR/DORL/LLPB
301-415-1186

U.S. NUCLEAR REGULATORY COMMISSION PUBLIC MEETING SUMMARY

Title: SUMMARY OF PUBLIC MEETINGS BETWEEN THE U.S. NUCLEAR REGULATORY COMMISSION AND THE NUCLEAR ENERGY INSTITUTE TO DISCUSS REVISIONS TO DRAFT GUIDANCE NEI 99-01 REVISION 7, "DEVELOPMENT OF EMERGENCY ACTION LEVELS FOR NON-PASSIVE REACTORS" (EPID L-2023-TOP-0045)

Meeting Dates: March 15, 2024, 9:00 am – 11:00 am and April 16, 2024, 10:00 am – 12:00 pm

Location: Hybrid

Meeting Type: These were observation meetings where attendees had the opportunity to observe the U.S. Nuclear Regulatory Commission (NRC) staff and industry representatives engage in discussion on regulatory issues. Members of the public had an opportunity to ask questions of the NRC staff and make comments about the issues discussed following the business portion of the meeting; however, the NRC was not actively soliciting comments toward regulatory decisions at this meeting.

Meeting Purpose: The purpose of the meetings was to discuss NRC's comments on the latest version of Nuclear Energy Institute (NEI) draft guidance document entitled, NEI 99-01, Revision 7, "Development of Emergency Action Levels for Non-Passive Reactors."

Meeting Summary:

For the March 15, 2024, meeting, the NRC staff presented slides for discussion which provided details on how the updates were implemented to the review guidance.

Discussion topics focused on emergency action levels (EALs) associated with:

- Site-specific effluent releases
- Site-specific effluent monitor readings and threshold values
- Analysis of a liquid effluent sample
- Primary containment radiation monitor reading

For the April 16, 2024, meeting, the NEI representatives provided responses to the NRC staff presentation at the March 15, 2024, meeting regarding NEI 99-01, Revision 7. The NEI representatives comments focused on three categories:

- 1) NEI provides additional basis to support proposed changes associated with NRC comment Nos. 1, 3, 7, 9, 10, 11, and 12;
- 2) NEI's proposed alternatives addressing staff comments on the retention of EALs using precalculated effluent radiation monitor readings and Fission Product Barrier thresholds based on containment radiation monitor readings associated with NRC comment Nos. 2, 4, 5, 6, and 8; and
- 3) NEI's proposed changes addressing two items that were discovered after the January 2023 submittal of Revision 7 associated with NRC comment Nos. 14 and 15 (one change corrects an error and the other change improves the wording of an EAL).

No regulatory decisions or commitments were made at the meeting.

Public Participation Themes: No public comments or public meeting feedback forms were received during the public comment period at the conclusion of the meetings.

Action Items/Next Steps: NEI representatives stated that they would provide an updated summary based on the discussion at the March 15, 2024, meeting. At the end of the March meeting, the NEI representatives requested a follow-up meeting to finalize comments which was held on April 16, 2024.

At the end of the April 16, 2024, meeting, the NRC staff agreed to caucus and discuss the presentation slides with respect to its impact on the completion review of the technical guidance. The NRC staff has provided additional feedback to help identify the best path forward in Attachment 4 to this meeting summary.

Attachments:

1. March 15, 2024, Meeting Notice – ADAMS Accession No. ML24072A523
2. April 16, 2024, Meeting Notice – ADAMS Accession No. ML24095A350
3. March 15, 2024, NRC Presentation – ADAMS Accession No. ML24072A351
4. April 16, 2024, NEI Presentation – ADAMS Accession No. ML24095A353
5. NRC Feedback and Proposed Resolution to NEI's April 16, 2024, presentation – ADAMS Accession No. ML24164A219

**U.S. NUCLEAR REGULATORY COMMISSION PUBLIC MEETING
TO DISCUSS NUCLEAR ENERGY INSTITUTE DRAFT GUIDANCE,
NEI 99-01, REVISION 7,
ATTENDEES LIST
MARCH 15, 2024**

Nuclear Regulatory Commission (NRC)	
Name	
Leslie Fields	NRC
Eric Schrader	NRC
Caty Nolan	NRC
Gerond George	NRC
Jeffrey Herrera	NRC
Steven Garry	NRC
Todd Smith	NRC
Jonathan Fiske	NRC
Don Johnson	NRC
Michael Waters	NRC
Kathryn Brock	NRC
Nuclear Energy Institute (NEI) and Industry Representatives	
Name	Organization
David Young	NEI
Bill Gross	NEI
Scott Odom	Tennessee Valley Authority (TVA)
Walter Lee	TVA
Marcus Hofmann	Dominion Energy
Tyran Tharp	Dominion Energy
Cynthia Cashwell	Florida Power and Light (FPL)
Peter Polfleit	FPL
Michael Williams	FPL
Noah Narut	FPL
Steve Catron	FPL
Adam Abrams	FPL
Anthony Daniels	FPL
Marty Vonk	Xcelenergy
Michael Finnegan	Nextera Energy
Denny Smith	Nextera Energy
Sophia Bartels	Nextera Energy
David Thompson	Duke Energy
Eric White	Duke Energy
R. Keith Brown	Southern Nuclear
Ricky Collings	Southern Nuclear
Timothy Barton	Constellation
Sherrie Grant	Constellation
William Revelle	Constellation
Sukjoon Kim	Argonne National Laboratory
Christopher Salz	Ohio Department of Safety
Kami Miller	Holtec
Kelly Walker	Operations Support Services Inc.

Members of the Public	
Jana Bergman	Curtiss-Wright
John Conly	Certrec Corporation
Melissa Milstrey	Member of the Public
Ed Bates	Member of the Public

**U.S. NUCLEAR REGULATORY COMMISSION PUBLIC MEETING
TO DISCUSS NUCLEAR ENERGY INSTITUTE DRAFT GUIDANCE,
NEI 99-01 REVISION 7,
ATTENDEES LIST
APRIL 16, 2024**

Nuclear Regulatory Commission (NRC)	
Name	
Leslie Fields	NRC
Eric Schrader	NRC
Caty Nolan	NRC
Steven Garry	NRC
Don Johnson	NRC
Keith Compton	NRC
Kathryn Brock	NRC
Charles Murray	NRC
Jeffrey Herrera	NRC
Robert Fisher	NRC
Jessie Quichocho	NRC
Michael Norris	NRC
Keith Miller	NRC
William Rautzen	NRC
David Garmon	NRC
Sean Meighan	NRC
Nuclear Energy Institute (NEI) and Industry Representatives	
Name	Organization
David Young	NEI
Susan Perkins	NEI
Danielle Page Blair	Framatome
Kevin Simpson	Constellation
Tim Barton	Constellation
Sherrie Grant	Constellation
Phil Couture	Energy
Peter Polfleit	Florida Power and Light (FPL)
Cynthia Cashwell	FPL
Adam Abrams	FPL
Michael Williams	FPL
Jerry Phillabaum	FPL
Noah Narut	FPL
Scott Myers Odom	Tennessee Valley Authority (TVA)
Walter Lee	TVA
Eric White	Duke Energy
David Thompson	Duke Energy
Richard Mothena	Arizona Public Service (APS)
Chadwick Vinje	APS
Shaun Bernat	APS
Andrew Radosevic	APS
Steven Kadatz	APS
Shawn Wagner	APS

R. Keith Brown	Southern Nuclear
David Simmons	Southern Nuclear
William Evans	Southern Nuclear
Ernest Bates	Southern Nuclear
Tyran Tharp	Dominion Energy
Alex Markivich	Dominion Energy
Brian L Mount	Dominion Energy
Currier, David	Nextera Energy
Finnegan, Michael	Nextera Energy
Smith, Denny	Nextera Energy
Faver, Kelly	Luminant
Kenneth L. Fossum	Idaho National Laboratory
Webster, Jay	Vistracorp
Robert Harrsch	Energy Compliance Consultants, LLC
Monica Ray	Energy Compliance Consultants, LLC
Kelly Walker	Operations Support Services Inc.
Members of the Public	
Bergman, Jana	Curtiss-Wright
Fred Madden	Certrec Corporation
John Egdorf	

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CNolan, NSIR
ESchrader, NSIR

EXTERNAL DISTRIBUTION:

dly@nei.org

ADAMS Accession Nos.:

ML24166A090 (Package)
ML24072A523 (3-15-24 Meeting Notice)
ML24095A350 (4-16-24 Meeting Notice)
ML22195A169 (NEI Draft Guidance Document)
ML22277A444 (NRC Presentation)
ML24095A353 (NEI Presentation)
ML24164A219 (NRC Feedback from 4/16/24 Meeting)
ML24166A091 (Meeting Summary)

via *email

OFFICE	NRR/DORL/LLPB/PM*	NRR/DORL/LLPB/LA*	NSIR/DPR/RLB/BC*	NRR/DORL/LLPB/BC
NAME	LFields	DHarrison	CNolan	GGeorge
DATE	6/14/2024	6/21/2024	7/15/2024	7/16/2024

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