



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

September 22, 2021

MEMORANDUM TO: Jeanne Johnston, Branch Chief
Electrical Engineering Branch
Division of Engineering and External Hazards
Office of Nuclear Reactor Regulation

Wendell Morton, Branch Chief
Electrical Engineering Branch
Division of Engineering and External Hazards
Office of Nuclear Reactor Regulation

FROM: Stanley Gardocki, Senior Project Manager **/RA/**
Regulatory Guide and Programs Management Branch
Division of Engineering
Office of Nuclear Regulatory Research

SUBJECT: SUMMARY OF THE AUGUST 11, 2021, CATEGORY 2 PUBLIC
MEETING HELD TO DISCUSS PROPOSED REVISION 5 TO
REGULATORY GUIDE 1.9, "APPLICATION AND TESTING OF
SAFETY-RELATED DIESEL GENERATORS IN NUCLEAR
POWER PLANTS"

On August 11, 2021, the U.S. Nuclear Regulatory Commission (NRC), Office of Nuclear Reactor Regulation (NRR) and Office of Nuclear Regulatory Research (RES), staff met with representatives from the Nuclear Energy Institute (NEI), Institute of Electrical and Electronics Engineers (IEEE), Electric Power Research Institute, licensees, and other members of the public. The meeting was held to discuss and provide additional clarification on submitted comments during the solicited public comment period, which closed on February 18, 2021 (86 FR 5267) in regard to the staff's proposed changes to Regulatory Guide 1.9, Revision 5, "Application and Testing of Safety-Related Diesel Generators in Nuclear Power Plants."

The meeting followed an agenda provided by the NRC staff that posted on July 29, 2021 meeting notice, found in Agencywide Document Access Management System (ADAMS) Accession Number ML21223A163. The NRC staff provided a presentation ADAMS Accession Number ML21221A191) summarizing the proposed changes to Regulatory Guide 1.9, Revision 5, addressing the following sections:

- Section 2, "Background," "Onsite Emergency Alternating Current Power Sources," last paragraph addressing mission time of the emergency diesel generators (EDGs).
- "Staff Position 2," Section C-2,
 - Section 2.1, Testing environmental parameters
 - Section 2.3a and 2.3b, Operation of the EDG in parallel
- "Staff Position 3," Section C-3,
 - Section 3.8a and 3.8b, Operation of the EDG in parallel

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Afterwards, NEI presented its concerns and recommendations for the specific issues it identified during the public comment period. NEI's presentation can be found in ADAMS Accession Number ML21223A100.

After the NEI presentation, the meeting was open for additional comments and questions from the public and NRC staff. Comments were made regarding the scope of IEEE Standards from other participants. No regulatory decisions were made at the meeting.

List of Attendees:

Name	Organization
• Ted Bronson	- IEEE 387 Working Group
• Ken Fleischer	- IEEE 387 Working Group
• Dave Pederson	- IEEE 387 Working Group
• David Blackwell	- Tennessee Valley Authority
• Jana Bergman	- Curtiss Wright
• William Wah	- Florida Power and Light
• Jim Sharkey	- Electric Power Research Institute
• John Conly	- Certec
• William McFarland	- Exelon
• Roy Linthicum	- Exelon
• Frances Pimentel	- NEI
• Tom Basso	- NEI
• Liliana Ramadan	- NRC
• Ronaldo Jenkins	- NRC
• Sheila Ray	- NRC
• Jeanne Johnston	- NRC
• Kenn Miller	-NRC

Additional References:

1.NRC Staff letter to NEI, "Response to Nuclear Energy Institute (NEI) Letter Dated May 23, 2007 - Re: Industry Comments on Recent Guidance Documents," Dated August 22, 2007. ADAMS Accession No. ML072330563

2. NEI letter to NRC, "Industry Comments on Recent Guidance Documents," Dated May 23, 2007, ADAMS Accession No. ML071590207

3. PWROG PA-LSC-1707 (Mentioned by NEI, but not available to public or NRC)

4. Response to Public Comments, ADAMS Accession No. ML21181A253

5. Proposed Revision 5 to Regulatory Guide 1.9, ADAMS Accession No. ML21181A249

6. NEI responses to public comments dated February 18, 2021, ADAMS Accession No. ML21050A428.

7. IEEE Standard (Std.) 387 2017, "IEEE Standard for Criteria for Diesel Generator Units

Applied as Standby Power Supplies for Nuclear Power Generating Stations” (accessible through IEEE website)

8. IEEE Std. 2420-2019, “IEEE Standard for Combustion Turbine Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations” (accessible through IEEE website)

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IN NUCLEAR POWER PLANTS" September 22, 2021

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OFFICE	RES/DE/RGGIB	NRR/DEX/ELTB	NRR/DEX/EEEB/BC	NRR/DEX/ELTB/BC
NAME	S. Gardocki	L. Ramadan	W. Morton	J. Johnston
DATE	9/14/2021	9/14/2021	9/22/2021	9/15/2021

**All concurrence received via email
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