

**PUBLIC MEETING WITH THE NRC  
STAFF AND NUCLEAR ENERGY  
INSTITUTE (NEI) REPRESENTATIVES  
TO DISCUSS EMERGENCY  
PREPAREDNESS PROGRAM IN  
RESPONSE TO NEI'S INPUT ON  
RECENT EXECUTIVE ORDERS**

**DATE: JUNE 4, 2025**

**TIME: 10:00AM – 11:30AM**



# Meeting Agenda



| <u>Time</u> | <u>Topic</u>   | <u>Speaker</u> |
|-------------|--|----------------|
| 10:00am     | Introductions & Opening Remarks  | NRC & NEI      |
| 10:10am     | Discuss NEI Input on Executive Orders Related to NRC<br>Emergency Preparedness Program | NRC & NEI      |
| 11:10am     | Summary & Next Steps   | NRC & NEI      |
| 11:20am     | Public Questions/Comments  | NRC & Public   |
| 11:30am     | Meeting Adjourn  | All            |

# Background

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- On February 10, 2025 (ML25058A144), the Nuclear Energy Institute (NEI) issued a letter to the NRC Executive Director of Operations to provide input on recent Executive Orders.
- NEI provided four recommended Emergency Preparedness (EP) related actions in Attachment 2, “Recommended NRC Actions in Support of Reducing Regulatory Burden to Unleash American Energy” of the letter.
- The four NEI recommended actions will be discussed.

# (a) EP Recommended Action

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“Given the current understanding of plant safety, we believe the requirement for a 10-mile Emergency Planning Zone (EPZ) for a large light-water reactor is unnecessarily conservative. The emergency preparedness (EP)-related regulations for large plants should be amended to allow an applicant or licensee to determine the size of a facility’s EPZ using the risk-informed and performance-based approach described in the EP for Small Modular Reactors (SMRs) and Other New Technologies (ONTs) final rule.<sup>9</sup> In addition, the amended regulations should also grant the applicant or licensee the option of developing a performance-based emergency plan in accordance with the requirements in 10 CFR 50.160.”

## (b) EP Recommended Action

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“The NRC should revise and risk-inform the 10 CFR 50.54(q) evaluation process using the approach found in the recently revised EP significance determination process. Under the new approach, only changes affecting risk-significant planning standards would require a “reduction in effectiveness” review.”

## (c) EP Recommended Action

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“The NRC should revise 10 CFR 50.54(t) to remove all EP program review requirements after a plant has operated for over eight years, except for the review of state and local interfaces.”

## (d) EP Recommended Action

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“The NRC should revise exercise requirements so that scenarios drive demonstration of the initial plant and offsite response organization responses (i.e., those within approximately the first five hours) to the most likely accident sequences identified by each site’s probabilistic risk assessment.”

# Summary & Next Steps

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Opportunity for Public Questions  
and Comments

Meeting Adjourn

