

ADVANCE Act Mission Statement Implementation Guidance

NRC Public Meeting Will Begin Shortly

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Public Meeting Information: ML25056A065 or
<https://www.nrc.gov/pmns/mtg?do=details&Code=20250262>

March 13, 2025

Agenda

- Meeting Logistics
- Introductions
- NRC Presentation
- Public Comments



**ADVANCE Act Mission Statement
Implementation Guidance
NRC Public Meeting - March 13, 2025
1:00 p.m. – 3:30 p.m. (EST)**

Meeting Logistics

- Participants are in listen-only mode until the designated comment periods.
- No regulatory decisions will be made at today's meeting.
- This meeting was publicly noticed on February 25, 2025.

ADVANCE Act Mission Statement Implementation Guidance

**NRC Public Meeting
March 13, 2025**

Meeting Scope

The scope of this meeting is to provide an overview of the actions underway at the NRC to develop mission statement implementation guidance, as required by Section 501 of the ADVANCE Act, and to obtain feedback from stakeholders.

ADVANCE Act Section 501

- By July 9, 2025, update the mission statement, and upon completion of the update to the mission statement, submit to the appropriate committees of Congress a report that describes:
 - The updated mission statement; and
 - The guidance that the Commission will provide to staff of the Commission to ensure effective performance of the mission of the Commission.
- SRM-SECY-24-0083: Mission Statement Update Options Pursuant to Subsection 501(a) of the ADVANCE Act of 2024
 - “... submit an information paper to the Commission providing the guidance to ensure effective performance of the mission...”
 - “... should cite specific, practical examples of actions that serve to clarify how to effectively implement and successfully execute the mission.”

Guidance Outline

Mission
Statement

General
guidance
explaining
effective
implementation
of the mission
statement for all
NRC staff

Appendices on
expectations for
the agency
organizational
functions

Mission Statement

The NRC protects public health and safety and advances the nation's common defense and security by enabling the safe and secure use and deployment of civilian nuclear energy technologies and radioactive materials through efficient and reliable licensing, oversight, and regulation for the benefit of society and the environment.

Element I

Element II

Element III

Element IV

Status of Development

- These slides share ideas under consideration for general guidance and expectations, which will be further developed.
- Slides 10-16 include the current outline for the general guidance.
- The current outline focuses on clarity rather than consistency when structuring the bullets under each element.
 - Higher-level bullets convey the main message.
 - Sub-bullets explain how we plan to achieve it.
 - At this stage, there may be some redundancy between the bullets under each element.
 - The number of bullets does not indicate the importance of each element.

General Guidance Under Consideration

Element I - The NRC protects public health and safety and advances the nation's common defense and security...

- North Star: Safety and Security
 - All conversations should start with the assessment of safety/security significance or impact
- Risk inform every decision
 - Apply every step in Be riskSMART
 - Be riskSMART will be revised to emphasize the need to use all relevant data, evidence and information to make decisions
- Credibility
 - Demonstrate professional excellence in all we do
 - Produce high quality products
 - Maintain knowledge of state-of-practice/art in your area

General Guidance Under Consideration

Element II - ... by enabling the safe and secure use and deployment of civilian nuclear energy technologies and radioactive materials...

- Timeliness
 - Adaptability, flexibility and agility in updating our processes and approaches
 - Actively consider the impact of schedule modifications on both staff and external entities
 - Timely review applications, including those with emergent technologies
 - Embrace new technologies, tools and methods (e.g., artificial intelligence)
- Goal-driven
 - Focus on output and outcome
 - Perfection is the enemy of good

General Guidance Under Consideration

Element II - ... by enabling the safe and secure use and deployment of civilian nuclear energy technologies and radioactive materials...

- Goal-driven (continued)
 - Accept an appropriate amount of risk
 - Set strategic direction
 - Leadership positions: Don't just direct a change; bring staff along
- Customer service oriented among ourselves and with external stakeholders
 - Help each other
 - Have a mindset to start with "yes" and look for solutions to problems
 - Be proactive/anticipate needs
 - Strategic Direction Initiative on consulting vs. guidance

General Guidance Under Consideration

Element III - ... *through efficient and reliable licensing, oversight, and regulation...*

- Principles of Good Regulation
 - Apply unfailingly in discussing options and recommending the path forward
- Project management
 - Allocate resources commensurate with safety/security significance or impact
 - Prompt resolution of differing views
 - Understand and adjust priorities
 - Account for interdependencies
- Individual and organizational performance management
 - Can't manage what we don't measure
 - Use enterprise risk management to mitigate and overcome challenges

General Guidance Under Consideration

Element III - ... *through efficient and reliable licensing, oversight, and regulation...*

- Individual and organizational performance management (cont.)
 - Meaningful metrics at every level
 - Don't just measure/analyze
 - Use to quantify efficiency gains
 - Reward desired behaviors
- Organizational effectiveness
 - Align organizations with budget structure
 - Adopting good practices across business lines
 - Consistency among regions
 - Work across organizational boundaries
 - Leadership positions: Remove barriers that impede your team's success
- Clarity of expectations
 - Whether giving or receiving direction

General Guidance Under Consideration

Element IV - ... for the benefit of society and the environment.

- Public service motivation
- Setting ambitious organizational goals
 - Continuously challenging ourselves to improve
- Consider both what can go wrong and also what can go right in applying Be riskSMART
- Meaningful public engagement
 - Operate with the highest degree of transparency
 - Leverage tools and methods appropriate for the audience
- We are all responsible for our culture: promote desired behaviors and be a model for others
 - Principles of Good Regulation should direct our work
 - Values should guide our interactions

General Guidance Under Consideration

Element IV - ... for the benefit of society and the environment.

- Courageous and bold
- Leadership at all levels
 - Staff is empowered to identify new approaches
 - Break the cycle of “we have always done it that way”
 - Questioning attitude
 - Ownership; personal responsibility and accountability
- Mistake tolerance; continuous learning; from what we did well and what we did with our mistakes



Hybrid Feedback Guidelines

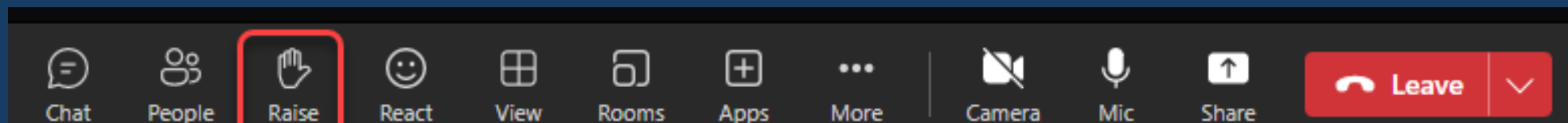


- Hear from as many participants as possible
- Participants will be in listen-only mode unless acknowledged to speak
- Participation options: in-room and Microsoft Teams microphones
- Maintain a cordial and professional environment
- No regulatory decisions are being made at today's meeting

Virtual Participation

1) “Raise Hand” your hand to indicate your desire to make a statement

- Teams: Use the “raise my hand” button
- Phone: Press “*5”



2) Wait for the facilitator to acknowledge your turn to speak

3) Unmute yourself

- Teams: Use the “unmute/mic” button
- Phone: Press “*6”



Feedback on the General Guidance Under Consideration

- What do you think of these ideas for the general guidance?
- What other ideas for the general guidance should be included?

Functional Areas of Staff Applicability for Expectations in the Appendices

- Licensing
- Oversight
- Emergency preparedness and incident response
- Rulemaking
- Research
- Partnering with Agreement States
- Project and performance management
- Mission support
- Communications
 - With the public
 - With licensees and applicants
 - With Congress
 - With Tribes
 - With Federal partners
- Legal
- Budget/Finance
- International

Licensing Staff Expectations Under Consideration

- “...apply risk-informed principles when strict, prescriptive application of deterministic criteria such as the single failure criterion is unnecessary to provide for reasonable assurance of adequate protection of public health and safety.” (SRM-SECY-19-0036).
- Proactively consider initiating exemptions on a case-by-case basis.
- Use pre-application engagement to understand unique technical aspects and align on regulatory paths.
- Complete draft safety evaluation reports with placeholders before requesting additional information.
- Streamline safety evaluation content.
- Increase use of audits and requests for confirmatory information.
- Plan resources and timelines and track execution.

Oversight Staff Expectations Under Consideration

- Focus inspection samples on those with the greatest risk significance.
- A successful inspection is one where objectives have been met regardless of whether an issue or violation is identified.
- If an issue can reasonably be determined to be of very low safety/security significance AND would take a significant amount of time to resolve, then the inspector is empowered to not follow up any further or enter the Very Low Safety Significance Issue Resolution (VLSSIR) process.
- Complete inspection activities on schedule and within allotted resources; in-office review should only be used if the licensee has not provided key information by the end of the inspection and there is a possible risk-significant issue.

Mission Support Staff Expectations Under Consideration

- Adopt a business mentality; develop clear outcomes supported by return on investment.
- Develop and maintain a multi-year plan to guide budget priorities consistent with environmental scan and mission workload.
- Use state-of-the-art techniques and technologies to modernize both mission and mission support processes (e.g., data analytics and artificial intelligence).
- Focus on the quality and timeliness of qualification training to address changing mission needs.
- Use Strategic Workforce Planning to enhance readiness for anticipated workload.



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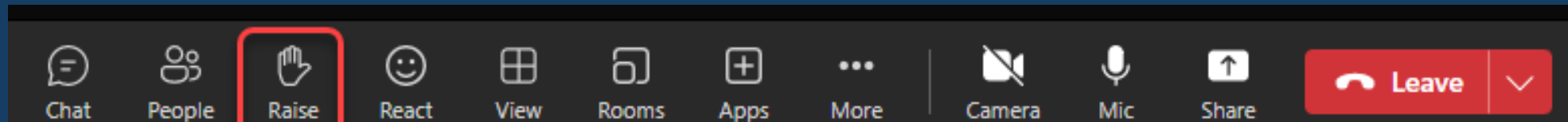


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Feedback on the Staff Expectations Under Consideration

- What do you think of these ideas for functional areas and expectations on the slides?
- What other functional areas or expectations should be included?

Next Steps, Rollout and Implementation

- Continued guidance development
 - Town Hall Meetings with NRC staff
 - Feedback solicitation
 - Updates to internal SharePoint Site to convey updates
- Putting the guidance into action
 - Management directives
 - Office instructions and other procedures
 - Individual/organizational performance expectations and recognition
 - Metrics to demonstrate performance
 - Training

Upcoming Milestones

- Information paper due to the Commission (May 2025)
- Report due to Congress (July 2025)

How to Follow Our Progress



Follow NRC's ADVANCE Act implementation with this Dashboard



How to Stay Engaged



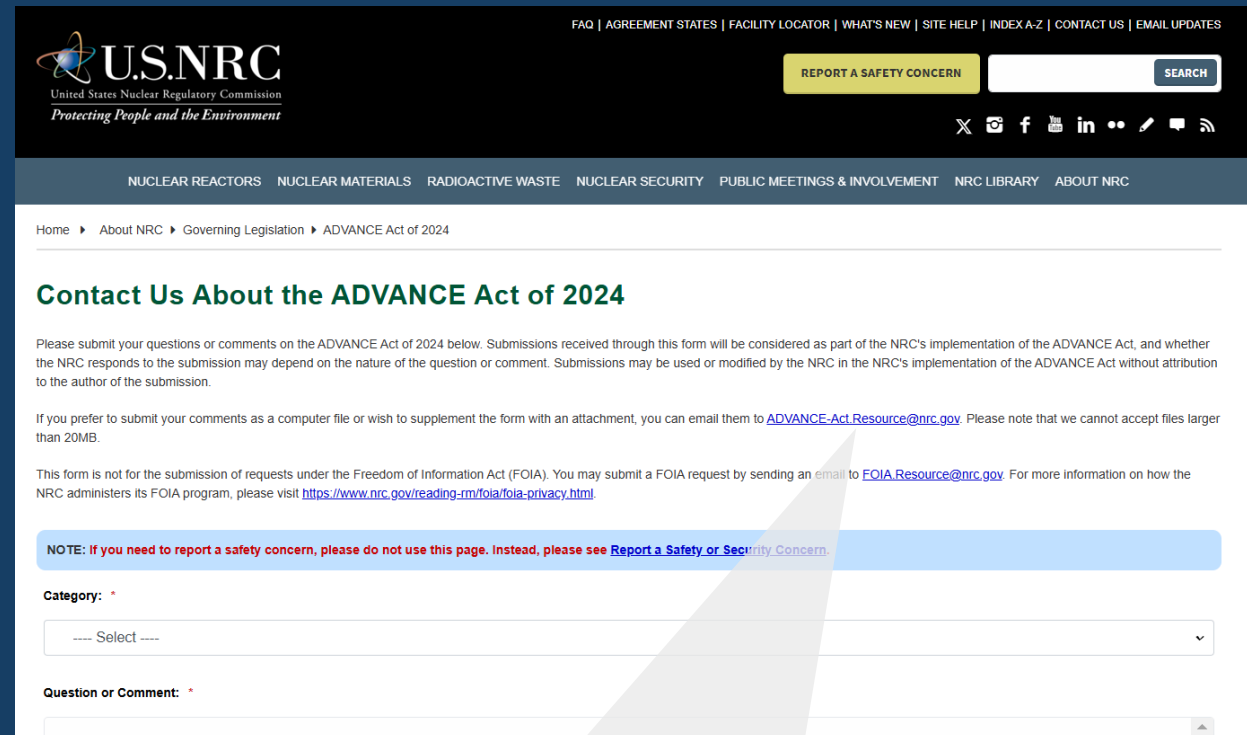
For NRC's public meeting
information on ADVANCE Act
activities

A screenshot of the U.S. Nuclear Regulatory Commission (NRC) website. The header includes the NRC logo, navigation links (FAQ, AGREEMENT STATES, FACILITY LOCATOR, WHAT'S NEW, SITE HELP, INDEX A-Z, CONTACT US, EMAIL UPDATES), a 'REPORT A SAFETY CONCERN' button, and a search bar. A secondary navigation bar lists categories: NUCLEAR REACTORS, NUCLEAR MATERIALS, RADIOACTIVE WASTE, NUCLEAR SECURITY, PUBLIC MEETINGS & INVOLVEMENT, NRC LIBRARY, and ABOUT NRC. The main content area shows a breadcrumb trail: Home > About NRC > Governing Legislation. Below this is the title 'ADVANCE Act (Accelerating Deployment of Versatile, Advanced Nuclear for Clean Energy Act of 2024)' and a photograph of two NRC staff members in hard hats and safety vests at a construction site. At the bottom, there are two columns: 'Public Meetings' with links for 'Upcoming Meetings' and 'Past Meetings', and 'Questions, Comments, or Ideas' with a link to 'Contact Us about the ADVANCE Act'. A large orange arrow points from the 'Upcoming Meetings' link towards the left side of the slide.

How to Ask Questions and Submit Ideas



Contact us with ADVANCE Act questions, comments, and ideas



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Protecting People and the Environment

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NUCLEAR REACTORS NUCLEAR MATERIALS RADIOACTIVE WASTE NUCLEAR SECURITY PUBLIC MEETINGS & INVOLVEMENT NRC LIBRARY ABOUT NRC

Home > About NRC > Governing Legislation > ADVANCE Act of 2024

Contact Us About the ADVANCE Act of 2024

Please submit your questions or comments on the ADVANCE Act of 2024 below. Submissions received through this form will be considered as part of the NRC's implementation of the ADVANCE Act, and whether the NRC responds to the submission may depend on the nature of the question or comment. Submissions may be used or modified by the NRC in the NRC's implementation of the ADVANCE Act without attribution to the author of the submission.

If you prefer to submit your comments as a computer file or wish to supplement the form with an attachment, you can email them to ADVANCE-Act.Resource@nrc.gov. Please note that we cannot accept files larger than 20MB.

This form is not for the submission of requests under the Freedom of Information Act (FOIA). You may submit a FOIA request by sending an email to FOIA.Resource@nrc.gov. For more information on how the NRC administers its FOIA program, please visit <https://www.nrc.gov/reading-rm/foia/foia-privacy.html>.

NOTE: If you need to report a safety concern, please do not use this page. Instead, please see [Report a Safety or Security Concern](#).

Category: *

---- Select ----

Question or Comment: *

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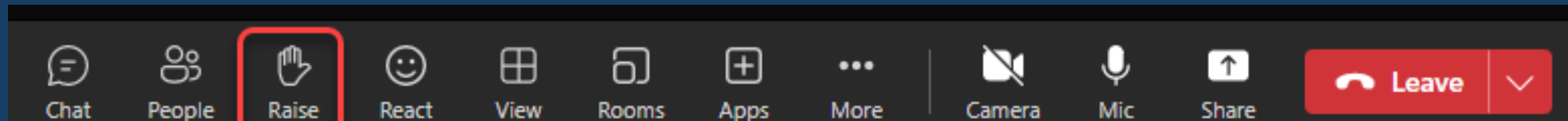


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Feedback Questions Refresher

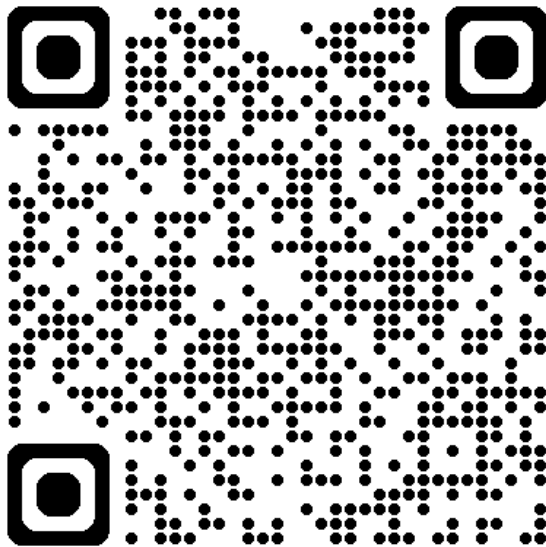
General Guidance Under Consideration

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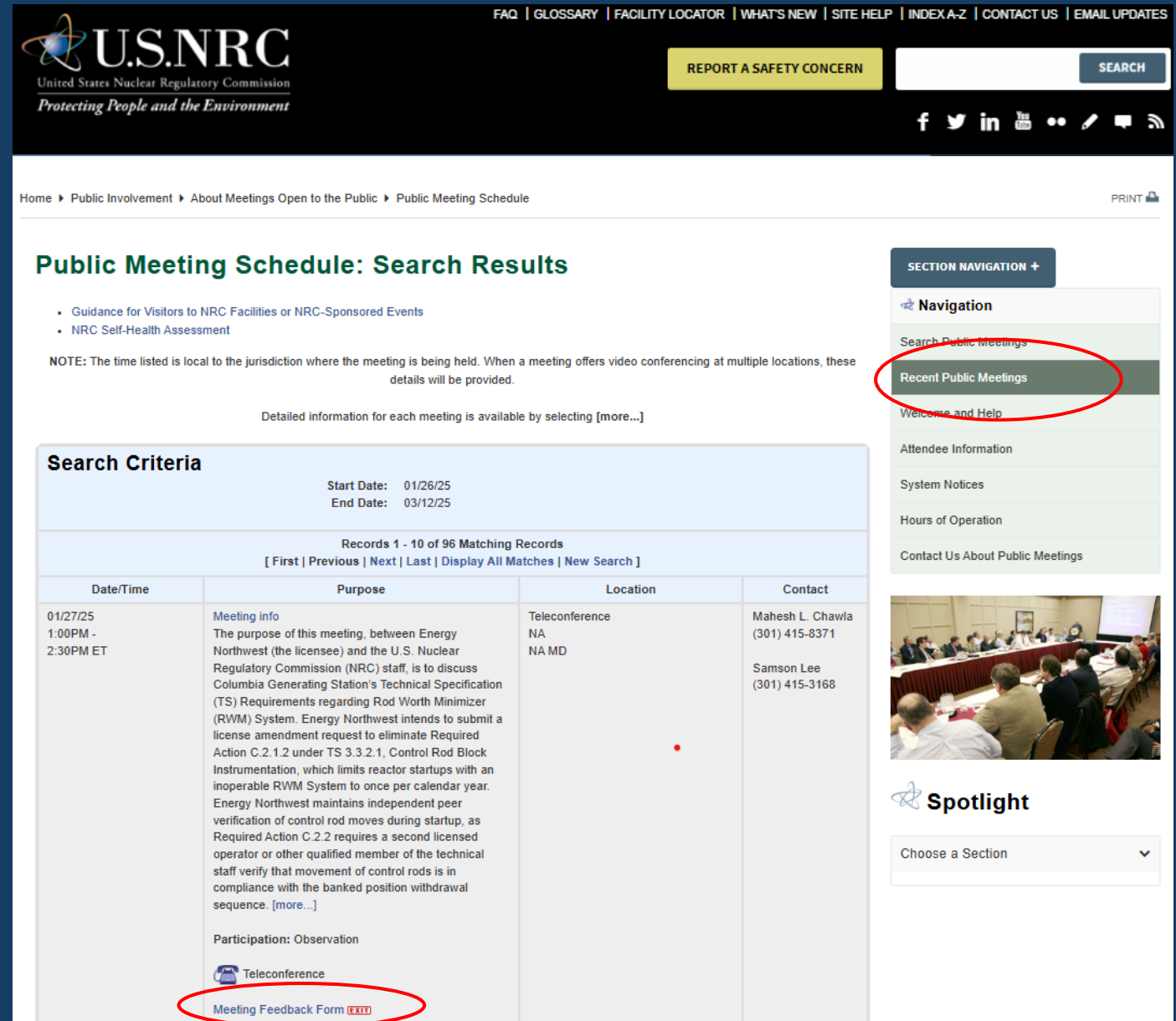
Staff Expectations Under Consideration

- What do you think of these ideas for functional areas and expectations on the slides?
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Public Meeting Feedback



Recent Public Meetings Web link:
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Public Meeting Schedule: Search Results

- Guidance for Visitors to NRC Facilities or NRC-Sponsored Events
- NRC Self-Health Assessment

NOTE: The time listed is local to the jurisdiction where the meeting is being held. When a meeting offers video conferencing at multiple locations, these details will be provided.

Detailed information for each meeting is available by selecting [more...]

Search Criteria

Start Date: 01/26/25
End Date: 03/12/25

Records 1 - 10 of 96 Matching Records
[First | Previous | Next | Last | Display All Matches | New Search]

| Date/Time | Purpose | Location | Contact |
|-----------------------------------|---|--|---|
| 01/27/25 1:00PM - 2:30PM ET | <p>Meeting info</p> <p>The purpose of this meeting, between Energy Northwest (the licensee) and the U.S. Nuclear Regulatory Commission (NRC) staff, is to discuss Columbia Generating Station's Technical Specification (TS) Requirements regarding Rod Worth Minimizer (RWM) System. Energy Northwest intends to submit a license amendment request to eliminate Required Action C.2.1.2 under TS 3.3.2.1, Control Rod Block Instrumentation, which limits reactor startups with an inoperable RWM System to once per calendar year. Energy Northwest maintains independent peer verification of control rod moves during startup, as Required Action C.2.2 requires a second licensed operator or other qualified member of the technical staff verify that movement of control rods is in compliance with the banked position withdrawal sequence. [more...]</p> <p>Participation: Observation</p> <p>Teleconference</p> <p>Meeting Feedback Form (EXT)</p> | <p>Teleconference</p> <p>NA</p> <p>NA MD</p> | <p>Mahesh L. Chawla (301) 415-8371</p> <p>Samson Lee (301) 415-3168</p> |

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ADVANCE Act Mission Statement Implementation Guidance

Thank you for joining us today!

NRC Public Meeting - March 13, 2025