

# Public Scoping for the Plutonium Pit Production Programmatic Environmental Impact Statement

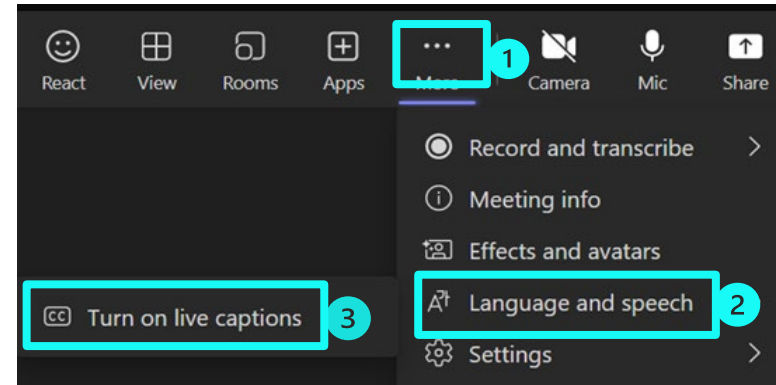
Jade Fortiner - NNSA     May 2025



# Meeting Logistics

## Closed Captioning

- Select More • • •
- Select “Language and speech”
- Click “Turn on live captions”



## Screen Layout

- To adjust the layout on your screen, select View
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Options include Full Screen, Gallery View, and Focus on Content

**Meeting Presentation** online at:

<https://www.energy.gov/nnsa/nnsa-nepa-reading-room>

# Agenda

- **Welcome**
- **Meeting Logistics**
- **NA-ESH Remarks**
- **Scoping Process Overview**
- **National Environmental Policy Act Process (NEPA) for the Pit Production PEIS**
- **Receipt of Formal Comments**

# Meeting Logistics

- The opening remarks and NNSA presentation will last approximately 30 minutes. The meeting is scheduled to last approximately 2.5 hours.
- This presentation is followed by an opportunity for the public to provide verbal comments that will be recorded and transcribed for formal inclusion in the project record.
- At any time during this meeting, participants may indicate that they wish to make a formal comment. There will be no exchange of questions and answers during this meeting.
- If you have written comments, please summarize and submit them by either email to [PitPEIS@NNSA.DOE.GOV](mailto:PitPEIS@NNSA.DOE.GOV) or postal mail.

# How To Provide Scoping Comments

**NNSA wants your input on the scope of the Pit Production PEIS analysis (range of alternatives and analysis of impacts).**

**There are three ways to provide scoping comments:**

- **Verbal:** During today's meeting
- **Email:** [PitPEIS@NNSA.DOE.GOV](mailto:PitPEIS@NNSA.DOE.GOV)
- **Mail:** Ms. Jade Fortiner, NEPA Document Manager  
Office of Pit Production Modernization  
National Nuclear Security Administration  
1000 Independence Avenue SW  
Washington, DC 20585

# Introductions



**Jacqueline Boltz**  
**Moderator**  
Tetra Tech, Inc.



**Ahmad Al-Daouk**  
**Assoc Administrator ESH**  
National Nuclear Security  
Administration  
Department of Energy



**Jade Fortiner**  
**NEPA Document Manager**  
Office of Pit Production  
Modernization  
National Nuclear Security  
Administration  
Department of Energy



**Kristen Dors**  
**NEPA Compliance Officer**  
Environment, Safety, and  
Health  
National Nuclear Security  
Administration  
Department of Energy

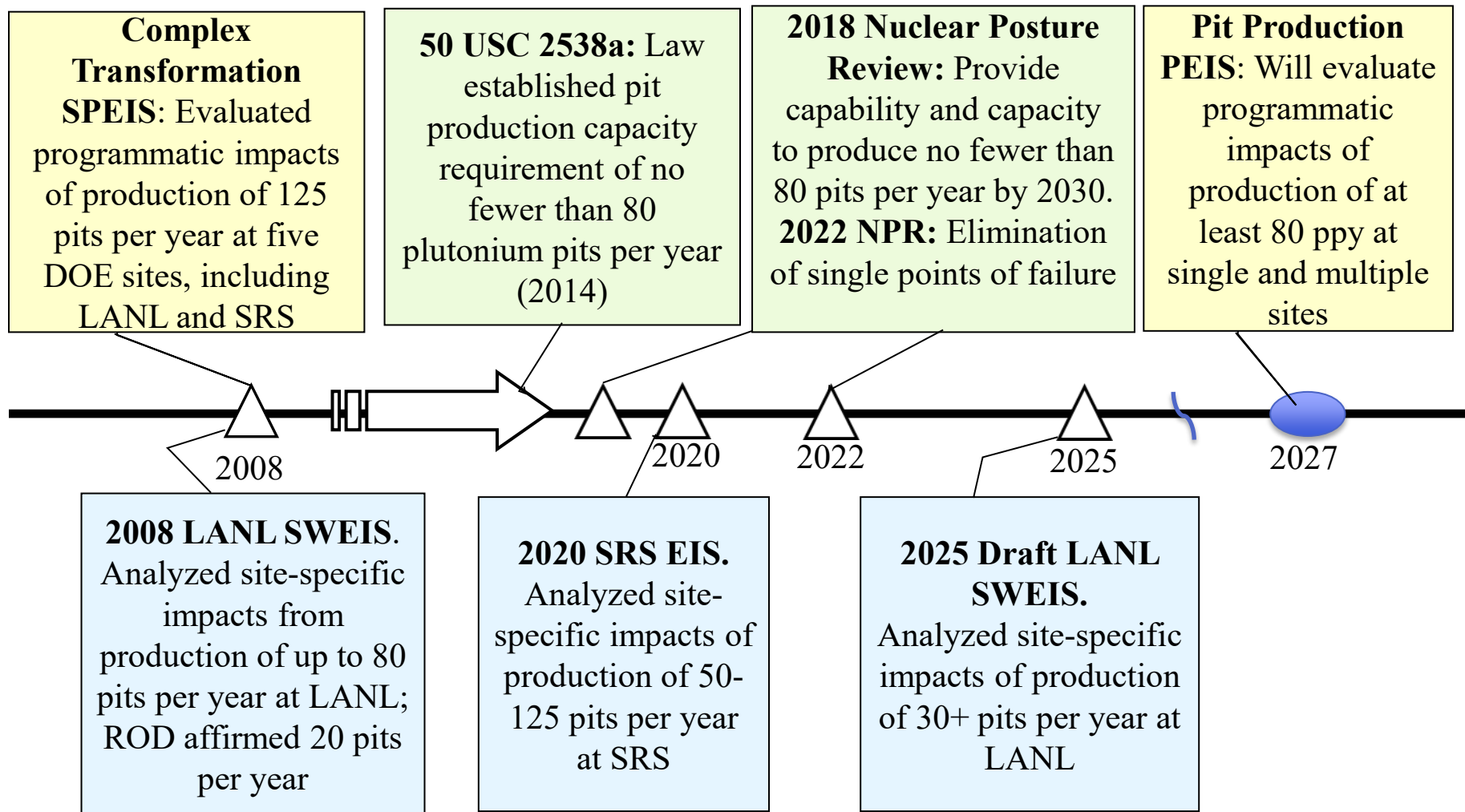


# Today's Scoping Meeting

- On May 9, 2025, NNSA published a Notice of Intent in the *Federal Register* to prepare the Pit Production PEIS. Public notification also included emails to the GovDelivery mailing list and other email notifications across the country. NNSA is using virtual, online scoping meetings. This approach:
  - Allows NNSA to reach a broader audience with the same presentation.
  - Allows nationwide participation in the meeting.
  - Has been successfully used for previous DOE/NNSA NEPA documents.
- In addition to today's meeting, the other methods for submitting comments on the PEIS scope remain available (e.g., email or postal mail).

**Your input will assist the NNSA in defining the scope of PEIS analyses;  
The scoping comment period ends July 14, 2025**

# Plutonium Pit Production NEPA





# Settlement Agreement

- **Plaintiffs filed litigation after the publication of the ROD on the SRS Pit Production EIS.**
- **In January 2025, the parties reached a Settlement Agreement, in which NNSA agreed to prepare a PEIS to analyze the impacts of producing pits at a second location and consider reasonable location alternatives for pit production.**
- **The Settlement Agreement was approved by Court Order on Feb 14, 2025**
- **Key Elements Include:**
  - Prepare the PEIS and ROD within 2.5 years
  - Provide a scoping period that lasts until 45 days after the last scoping meeting
  - Provide 90-day comment period on the Draft PEIS
  - Public hearings planned for Aiken, SC; Kansas City, MO; Santa Fe, NM; Livermore, CA, Washington, DC., and any other location deemed relevant to the PEIS by DOE and NNSA.

# NEPA Process and Schedule



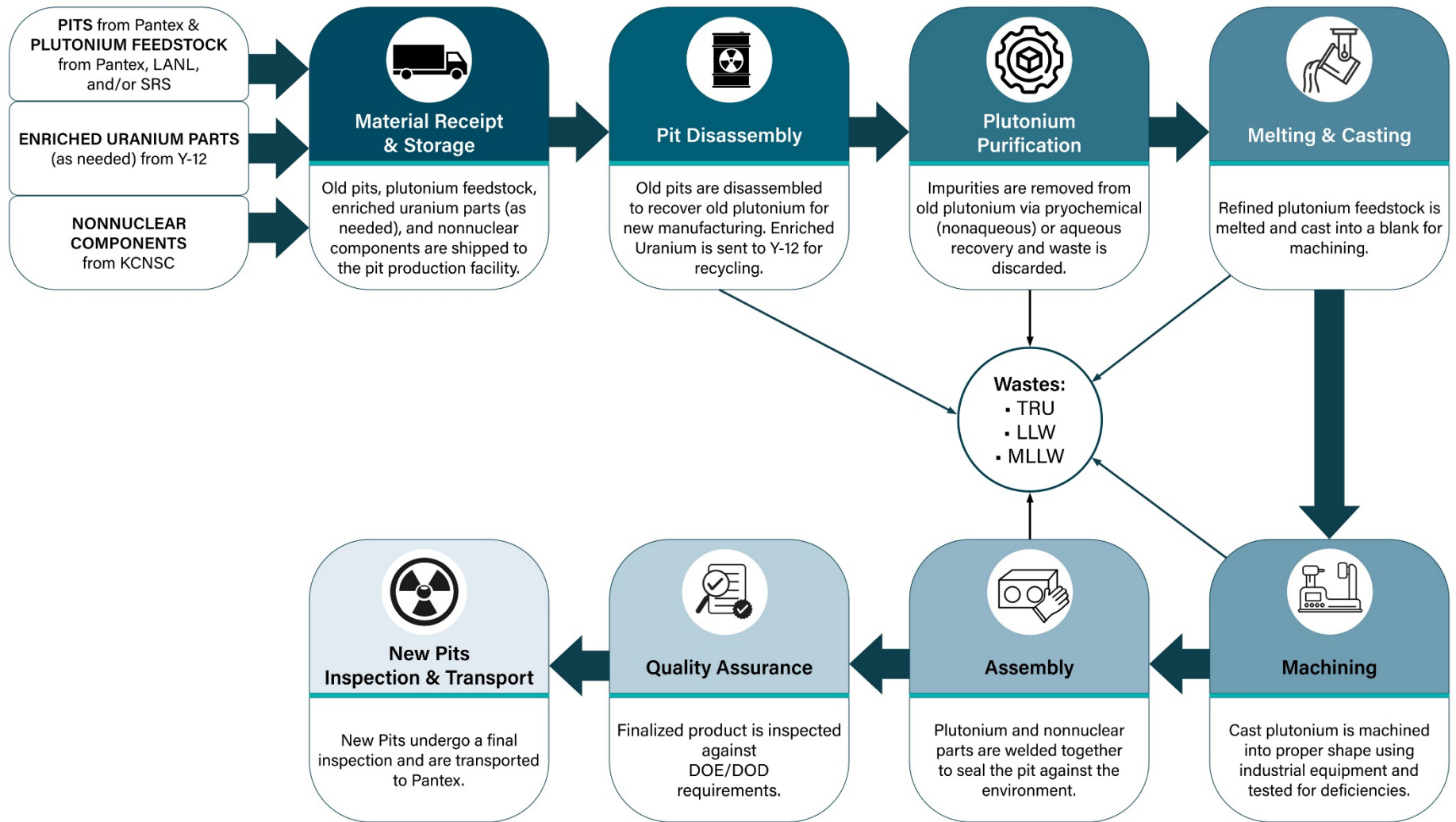
- Provides for involvement of the public, public interest groups, businesses, agencies, and Native American Tribes and ensures that federal officials consider the environmental effects of proposed actions and alternatives in order to foster better decision-making.
- An EIS is required for any major federal action that may significantly affect the quality of the human environment.
- A PEIS provides a comprehensive analysis of overall pit production activities.
- Public participation during the Scoping period and Draft PEIS public comment period will support this PEIS effort

**Input from the Scoping will assist NNSA on the scope. Environmental issues, and alternatives that NNSA should consider in the draft PEIS**

# Purpose and Need

- **The national security policies of the United States require a safe, secure, and reliable nuclear weapons stockpile and the maintenance of core competencies to design, manufacture, and maintain nuclear weapons.**
- **The 2022 Nuclear Posture Review identifies plutonium pit production as one of the highest priorities in the modernization of the Nuclear Security Enterprise over the next ten years.**
- **To meet the need outlined in Congressional legislation and requirements delineated by the Department of Defense, DOE/NNSA must establish a workforce and infrastructure capable of producing no fewer than 80 pits per year as soon as possible, while eliminating single point failures and providing flexible capacity options.**
- **Per Title 50 United States Code (USC) § 2538a, NNSA is mandated to manufacture no fewer than 80 war reserve pits per year by 2030.**

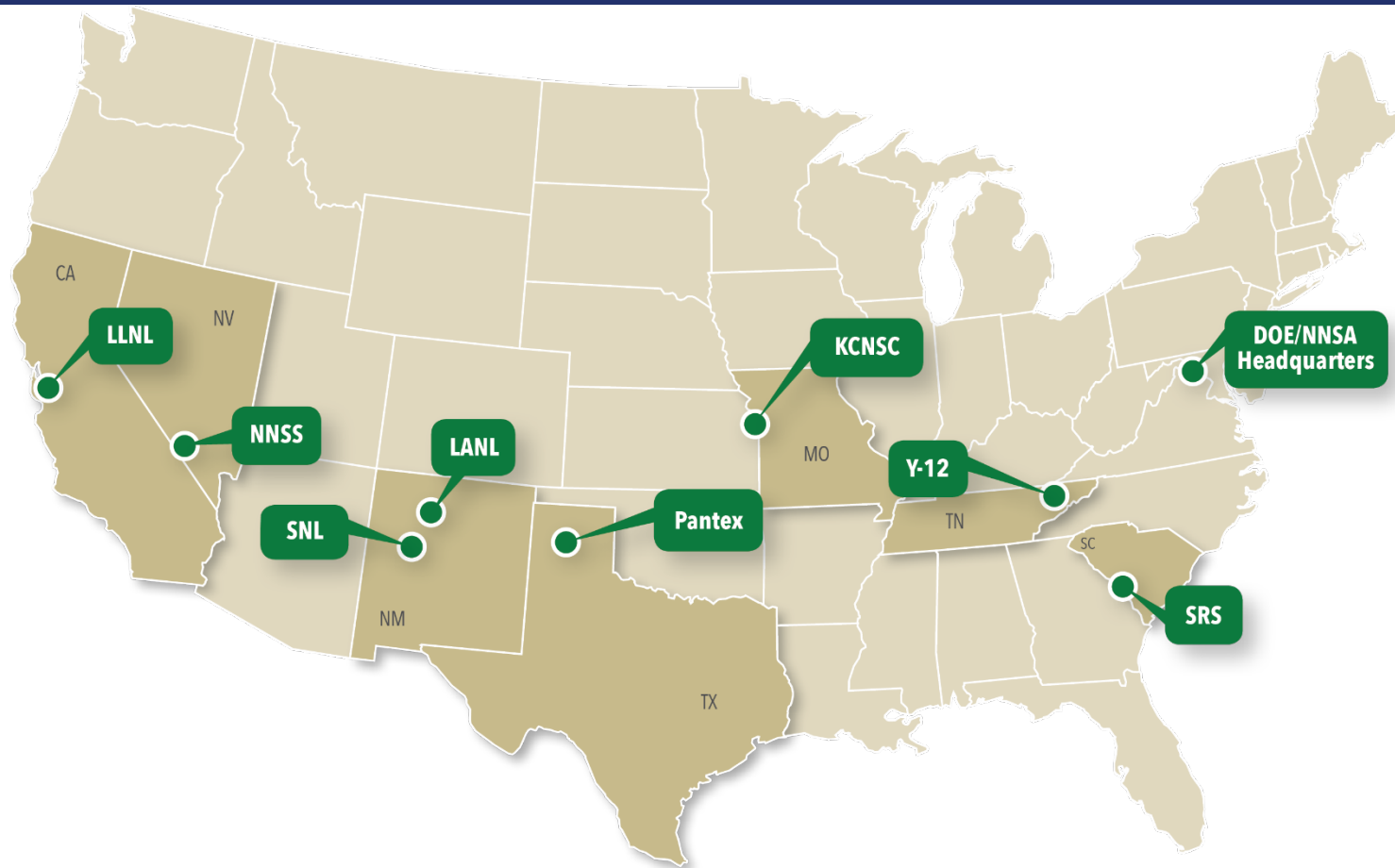
# Pit Production Process



# Preliminary Alternatives Being Considered

- **PEIS will discuss production process for pits and reasonable alternatives for that production.**
  - Site Alternatives (i.e., producing pits at multiple sites)
  - Capacity Alternatives (producing pits at the current Congressionally mandated rate)

# NNSA'S Nuclear Security Enterprise (NSE)



KCNSC = Kansas City National Security Campus  
LANL = Los Alamos National Laboratory  
LLNL = Lawrence Livermore National Laboratory

NNSS = Nevada National Security Sites  
Pantex = Pantex Plant  
SNL = Sandia National Laboratories

SRS = Savannah River Site  
Y-12 = Y-12 National Security Complex



# Content of the PEIS

- **Summary**
- **Introduction and Background**
- **Purpose and Need**
- **Pit Production Process**
- **Alternatives**
- **Affected Environments**
- **Environmental Impacts**
- **Regulatory Compliance**
- **Technical Appendices**
- **Cited references (as publicly available)**

# PEIS Environmental Resource Areas

- **Land and Visual Resources**
- **Geology and Soils**
- **Water Resources**
- **Air Quality and Noise**
- **Ecological Resources**
- **Human Health and Safety**
- **Utilities and Infrastructure**
- **Socioeconomics**
- **Cultural and Paleontological Resources**
- **Waste Management**
- **Traffic and Transportation**
- **Facility Accidents and Intentional Destructive Acts**

# Record of Decision

- **NNSA will consider the following input when assessing the ROD:**
  - **PEIS (including public, tribal, and government input)**
  - **Technical**
  - **Policy**
  - **Cost**

**Record of Decision (ROD) will announce the decision regarding multi-site pit production**

# How To Provide Scoping Comments

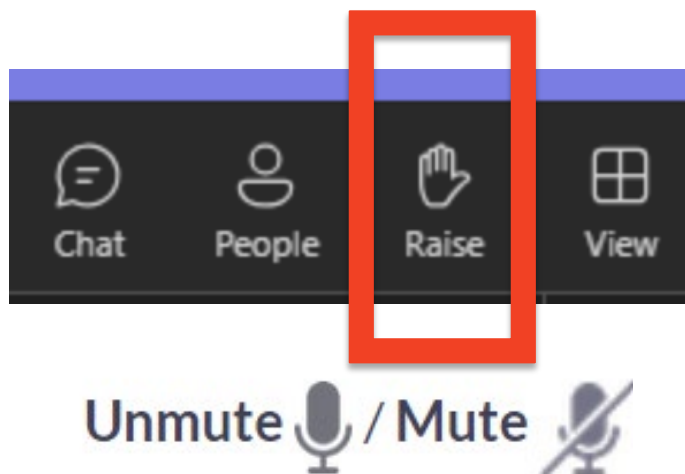
- **Email:** [PitPEIS@NNSA.DOE.GOV](mailto:PitPEIS@NNSA.DOE.GOV)
- **Mail:** Jade Fortiner, Pit PEIS Comments  
NNSA, Office of Pit Production Modernization  
1000 Independence Avenue SW  
Washington, DC 20585
- **Project Information:** <https://www.energy.gov/nnsa/nnsa-nepa-reading-room>
- **Scoping period ends on July 14, 2025**

The next opportunity for public input will follow publication of the Draft PEIS (expected in early 2026). The Notice of Availability of the Draft PEIS will be announced by the Environmental Protection Agency and NNSA in the *Federal Register*. The Notice of Availability will then be published on the NNSA NEPA Reading Room website.

# How Do I Make a Comment?

## Verbal Comment On a Computer/Mobile Device

Raise your hand to be recognized and have your microphone unmuted.



## Verbal Comment On Phone

Dial \*5.

The moderator will identify you and allow access to your microphone.

Dial \*6 to unmute your microphone.

Callers are requested to identify themselves for the record.

**Please be respectful of others, even if you don't agree with their comments.**

## Closing Remarks

- The comment period closes on July 14, 2025. Additional comments may be submitted by:
- Email: [PitPEIS@NNSA.DOE.GOV](mailto:PitPEIS@NNSA.DOE.GOV)
- Mail: Jade Fortiner, Pit PEIS Comments  
NNSA, Office of Pit Production Modernization  
1000 Independence Avenue SW  
Washington, DC 20585

**Thank you for attending today's meeting**