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# **Clinton Power Station License Renewal Public Meeting Will Begin Shortly**

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# Environmental Scoping Meeting Related to the Clinton Power Station License Renewal Application

May 7 and 9, 2024

Chris Tyree, Safety Project Manager

Ashley Waldron, Environmental Project Manager

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# Agenda

- Introduction, Purpose, NRC Overview
- License Renewal (LR) Overview
- Safety Review
- Environmental Review
- Public Scoping Comments on Topics to be included in the Clinton LR Environmental Review

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# Introductions

- Chris Tyree, NRC, Office of Nuclear Reactor Regulation (NRR), Safety Review Lead
- Ashley Waldron, NRC, Office of Nuclear Material Safety and Safeguards (NMSS), Environmental Review Lead
- John Moses, NRC, NMSS, Deputy Director, Division of Rulemaking, Environmental, and Financial Support
- Steve Koenick, Chief, Environmental Project Management Branch 1, Division of Rulemaking, Environmental and Financial Support, NMSS

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# Meeting Purpose

- The NRC is actively soliciting comments to aid the staff's environmental review
- Public comments are sought at specific points during the meeting
- No regulatory decisions will be made at today's meeting

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# U.S. Nuclear Regulatory Commission – *An Independent Regulatory Agency*

## **NRC MISSION**

*We license and regulate U.S. civilian use of radioactive materials, protecting public health and safety, promoting the nation's common defense and security, and protecting the environment.*

## **STATUTORY AUTHORITY**

- *Atomic Energy Act of 1954*
- *Energy Reorganization Act of 1974 split the Atomic Energy Commission into the NRC and the predecessor of the Energy Department.*



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# Clinton Power Station License Renewal Overview

- A License Renewal Application (LRA) for Clinton Power Station (CPS), Unit 1 was submitted on February 14, 2024
- The existing CPS Facility Operating License is currently set to expire at midnight on April 17, 2027
- Constellation Energy Generation, LLC (CEG) seeks to extend the operating term by 20 years beyond the current license expiration date

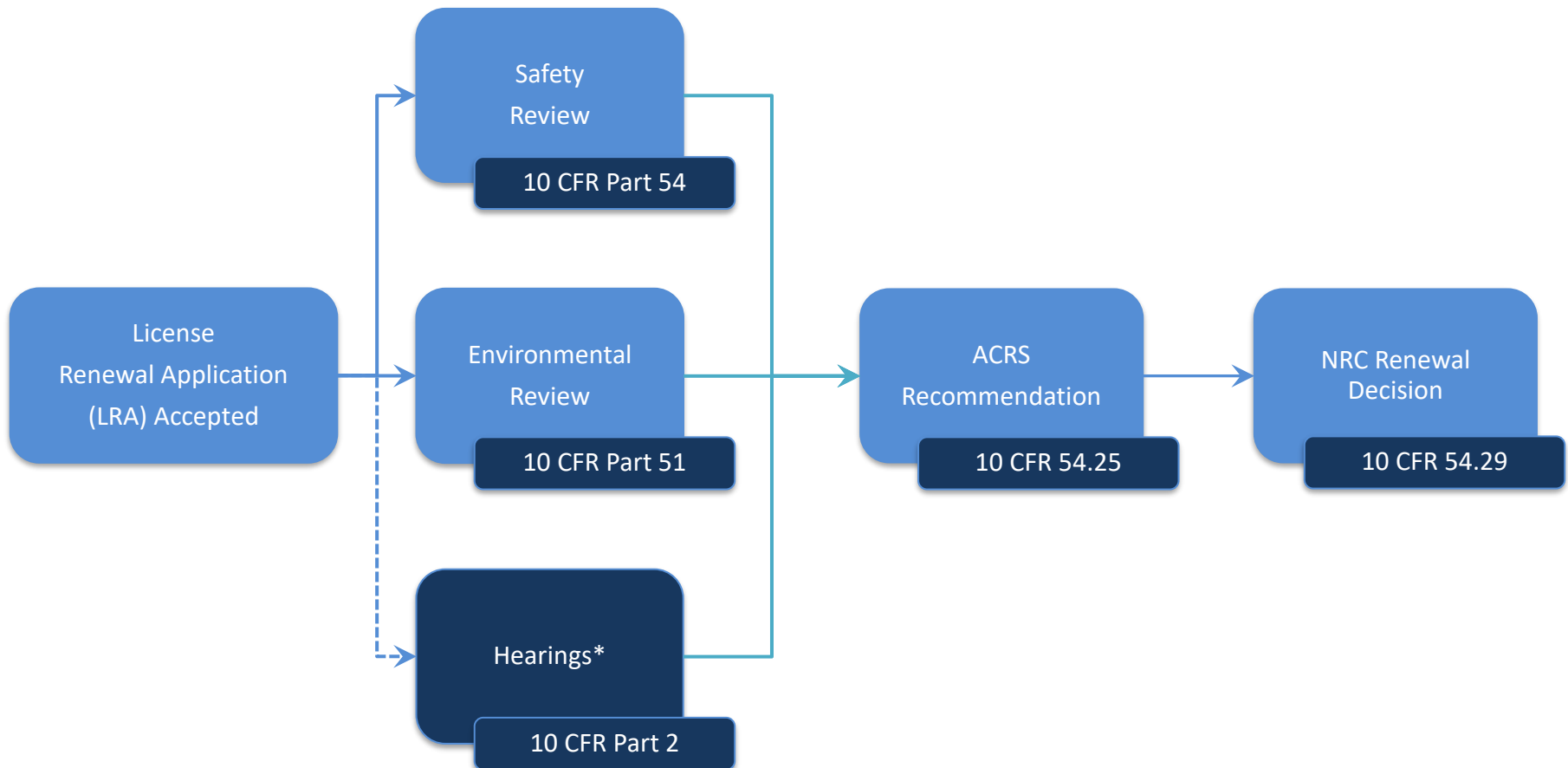
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# Contents of Application

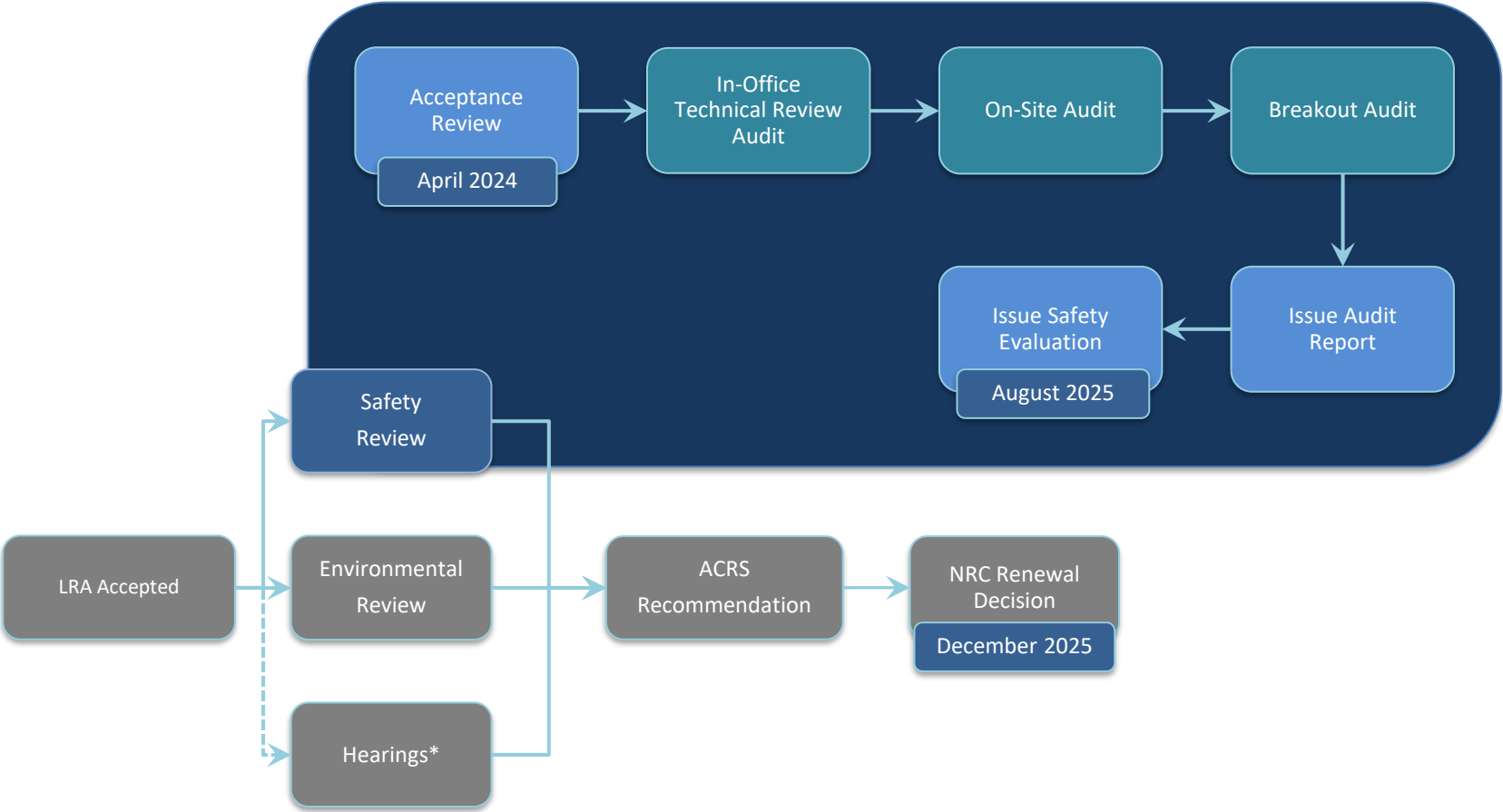
- General information about the plant owner or operator
- Technical information about plant structures and components and how the applicant proposes to manage plant aging
- Environmental Report



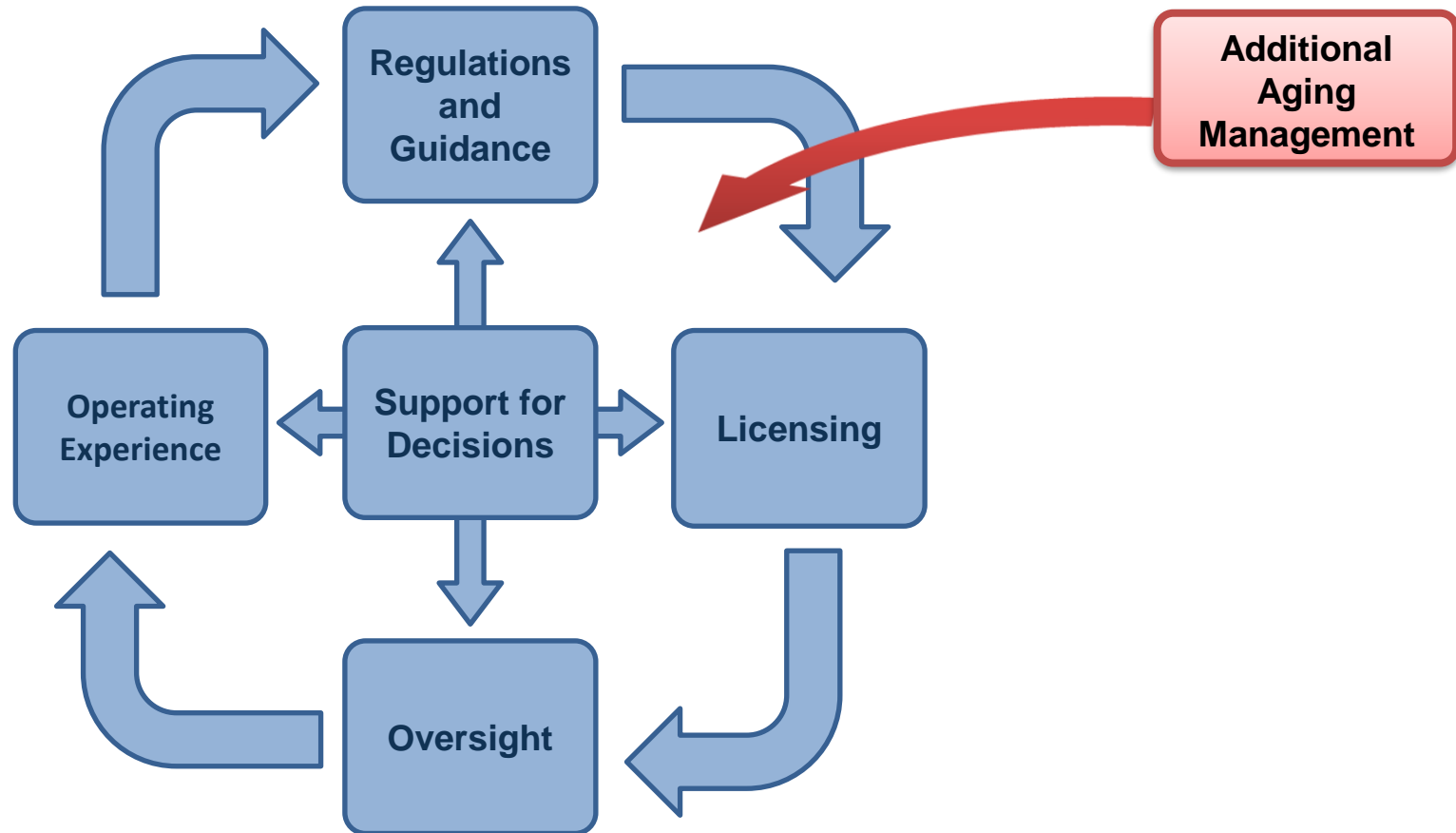
# Process Overview



# Safety Review Milestones



# Regulatory Process



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# Environmental Review

- National Environmental Policy Act (NEPA)
  - Informs Federal decision making
  - Public disclosure of environmental impacts and other considerations
- NRC's Environmental Regulations
  - Title 10 of the Code of Federal Regulations Part 51
- Staff review is to determine if the environmental impacts of license renewal are so great that license renewal would be unreasonable.

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# Environmental Review (continued)

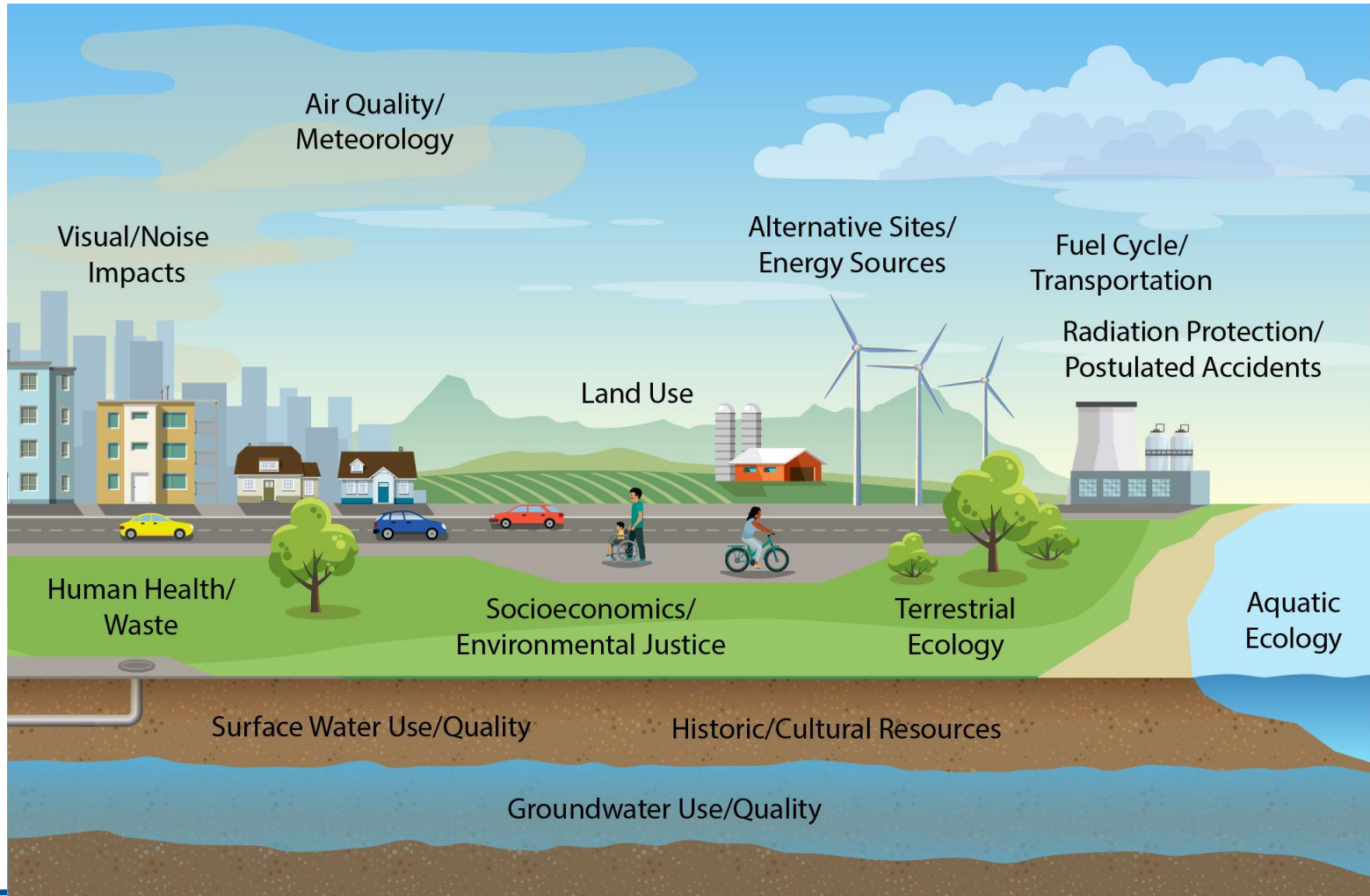
- Consider, analyze, and disclose environmental impacts of continued plant operation and alternatives to license renewal
- Identify and assess new and significant information regarding generic conclusions reached in the Generic EIS for License Renewal (2013 LR GEIS)
- Staff evaluates site-specific issues in a Supplemental Environmental Impact Statement (SEIS) to the LR GEIS

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# Environmental Impact Statement

- Staff evaluates impacts to resources including the following areas:
  - Fish and wildlife
  - Water, air, terrestrial resources
  - Historical and cultural resources
  - Socioeconomics
  - Environmental justice
  - Human health
  - Land use

# Environmental Impact Statement



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# Scoping and Public Involvement

- What about your community should the NRC consider in the SEIS?
- What local environmental issues should be addressed?
- What other reasonable alternatives should be considered?



# Agency Coordination and Consultation



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# Environmental Review Milestones

Application Received	February 14, 2024
Notice of Intent to Conduct Scoping	April 29, 2024
Environmental Scoping Webinar	May 7, 2024 (evening)
Environmental Scoping Webinar	May 9, 2024 (afternoon)
Scoping Comment Period Ends	May 29, 2024
Draft EIS Issued	April 2025
Draft EIS Public Meeting	May 2025
Draft EIS Comment Period Ends	May 2025
Final EIS Issued	October 2025
License Renewal Decision	December 2025

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# Project Manager Contacts

- Chris Tyree, Safety PM
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  - [Christopher.Tyree@nrc.gov](mailto:Christopher.Tyree@nrc.gov)
- Ashley Waldron, Environmental PM
  - 301-415-7317
  - [Ashley.Waldron@nrc.gov](mailto:Ashley.Waldron@nrc.gov)

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# Documents



Vespasian Warner Public Library  
310 N. Quincy Street  
Clinton, IL 61727



NRC Website:

<https://www.nrc.gov/reactors/operating/licensing/renewal/applications/clinton.html>

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# Submitting Comments on the Scope of the Environmental Review

- Provide written comments:
  - By mail: Office of Administration  
Mailstop TWFN7A60M  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001
  - Website: <http://www.regulations.gov>,  
Docket ID NRC-2024-0046
  - Email: ClintonEnvironmental@nrc.gov

**Comments should be submitted by [May 29, 2024](#) (within 30 days from the date of the Notice of Intent to Conduct Scoping Process and Prepare EIS Federal Register Notice, 89 FR 33400)**

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# Summary

- Comment period ends May 29, 2024
- Comments will be considered by staff in the scoping summary report
- Scoping participants will receive the scoping summary report, to be issued in Summer 2024

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# Public Participation

- Raise your hand
  - MS Teams: “Raise my hand” button
  - On the phone: press “\*5”
- You’ll still need to unmute
  - MS Teams: Unmute button
  - On the phone: press “\*6”



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# Audio/Technical Issues

- Drop off and log back on
- Call into bridgeline:
  - 301-576-2978
  - Conference ID: 879 213 445#
- In Teams, check your device settings:
  - Click “More”
  - Choose “Settings”
  - Choose “Device Settings”