



# **Environmental Scoping Meeting Related to the V.C. Summer Nuclear Station Subsequent License Renewal Application**

**The webinar will begin shortly**

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ADAMS ML23312A020



**U.S.NRC**

UNITED STATES NUCLEAR REGULATORY COMMISSION

*Protecting People and the Environment*

# **Environmental Scoping Meeting Related to the V.C. Summer Nuclear Station Subsequent License Renewal Application**

November 9, 2023

Marieliz Johnson, Safety Project Manager

Kim Conway, Environmental Project Manager



# Agenda

- Introduction and Purpose
- Subsequent License Renewal (SLR) Overview
  - Safety Review
  - Environmental Review
- Questions on the NRC Presentation
- Public Comments on Topics to be Included in the V.C. Summer SLR Environmental Review



# Introductions

- Marieliz Johnson, NRC, Office of Nuclear Reactor Regulation (NRR), Safety Review Lead
- Kim Conway, NRC, Office of Nuclear Material Safety and Safeguards (NMSS), Environmental Review Lead
- Ted Smith, NRC, NMSS, Branch Chief, Environmental Review License Renewal Branch

# Meeting Logistics

- 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

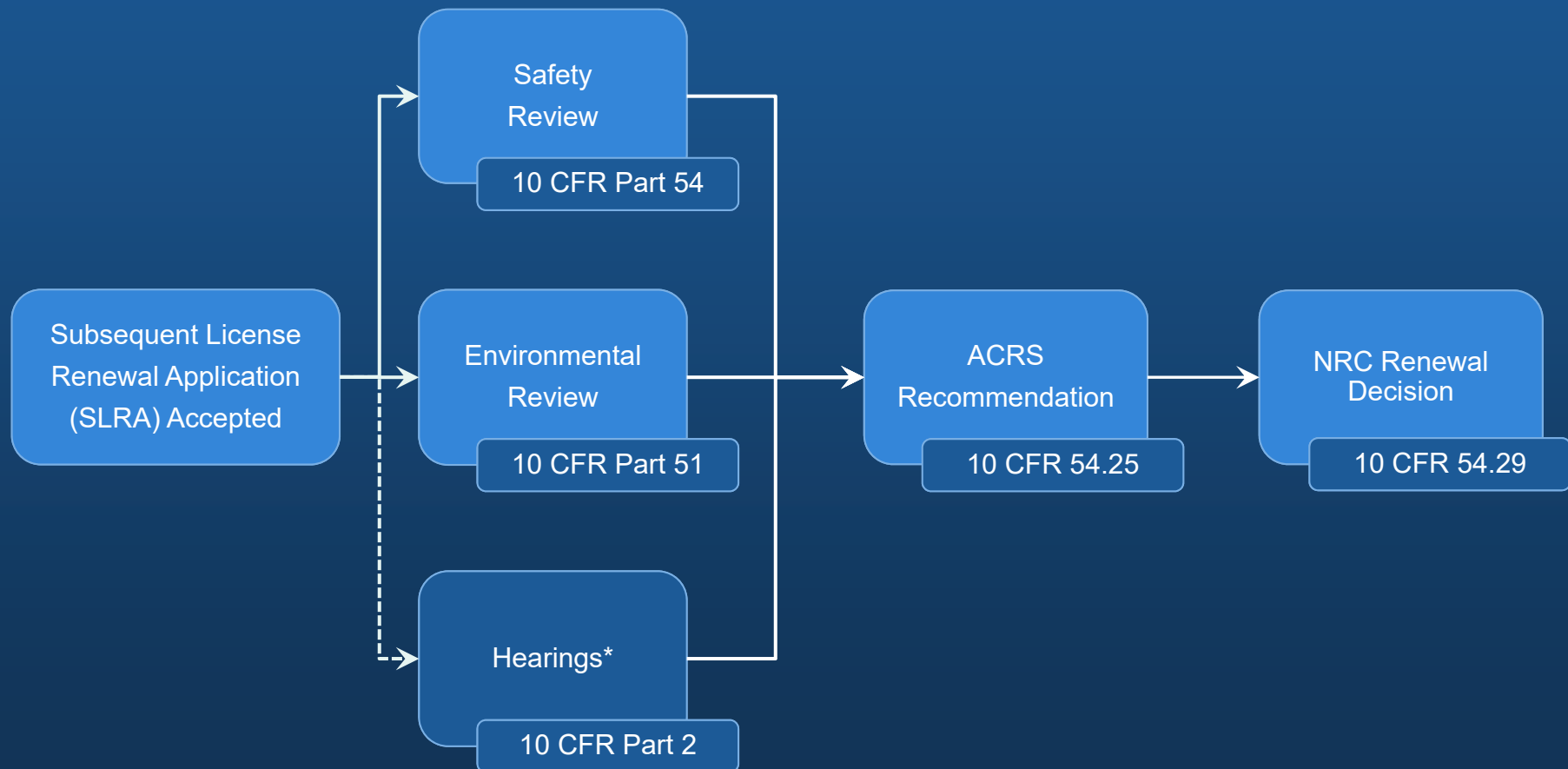
## V.C. Summer Subsequent License Renewal

- The Subsequent License Renewal Application for V.C. Summer Unit 1 was submitted on August 17, 2023
- The current Renewed License expiration date for V.C. Summer Unit 1 is August 6, 2042
- If a license renewal is granted, it will be for an additional 20 years

# Contents of Application

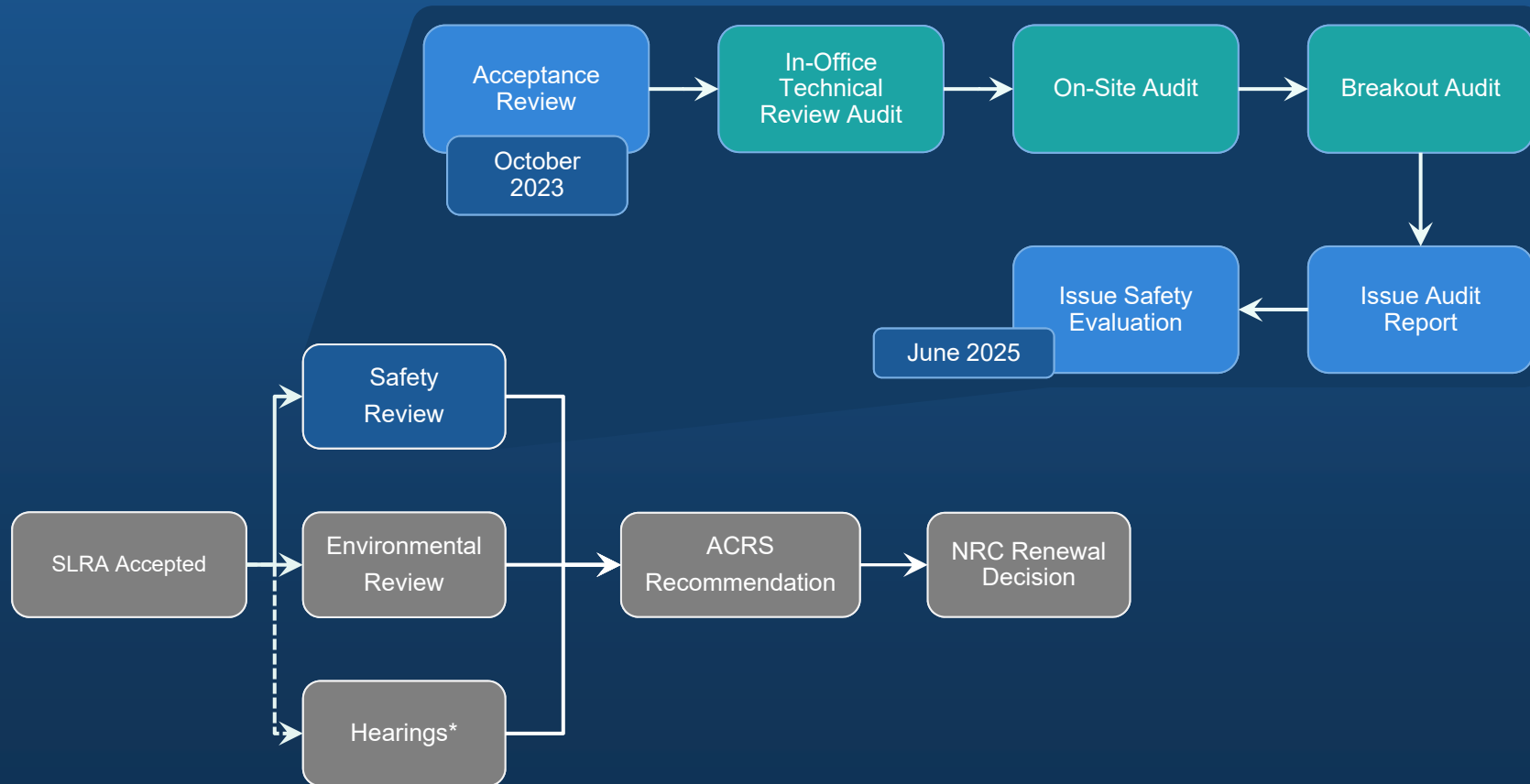
- General information about the plant owner or operator
- Technical information about plant structures and components and how the applicant proposes to manage plant aging
- Environmental Report

# Process Overview

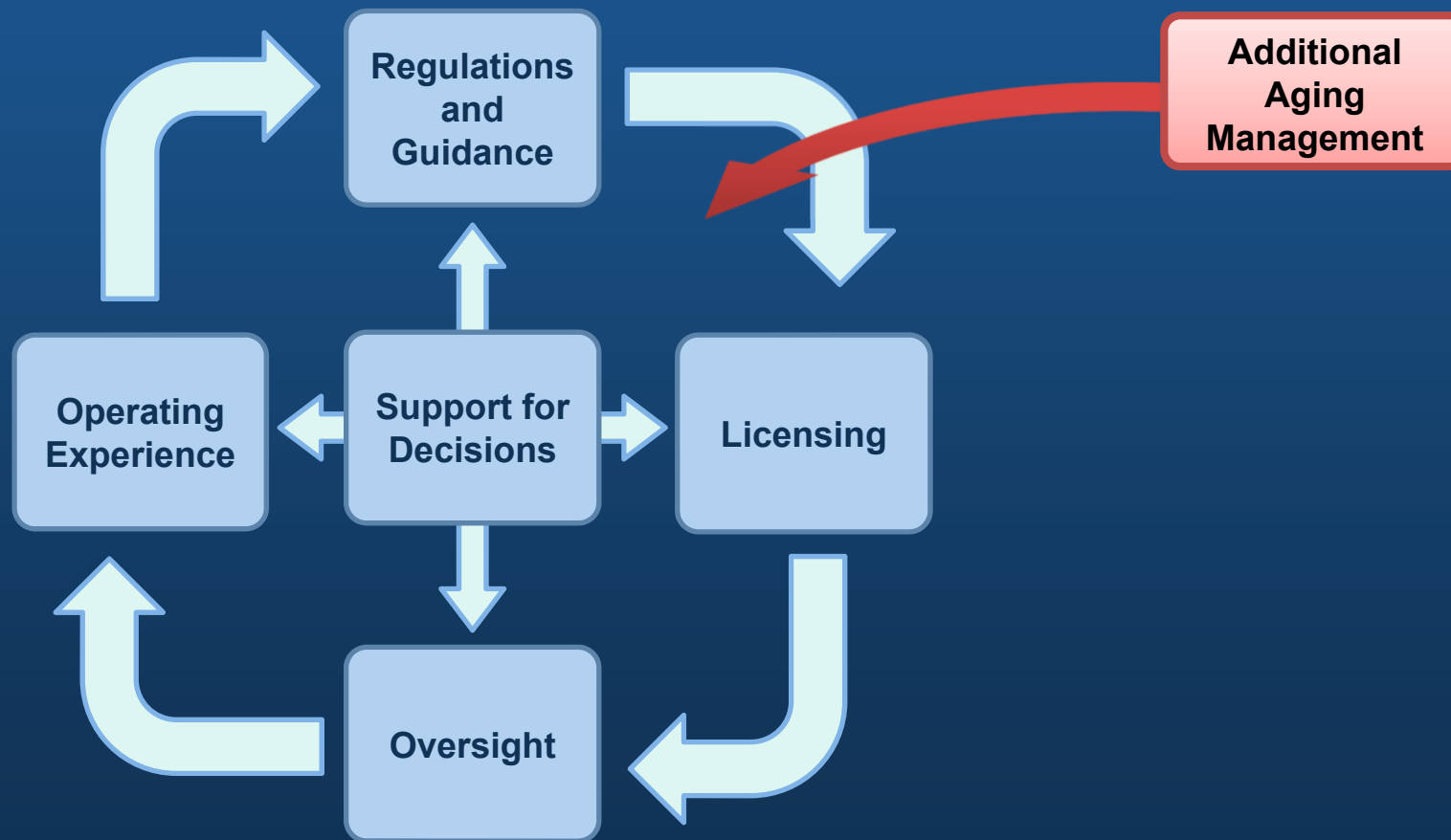


*\* If a Request for Hearing is Granted*

# Safety Review Milestones



# Regulatory Process



## Environmental Review

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

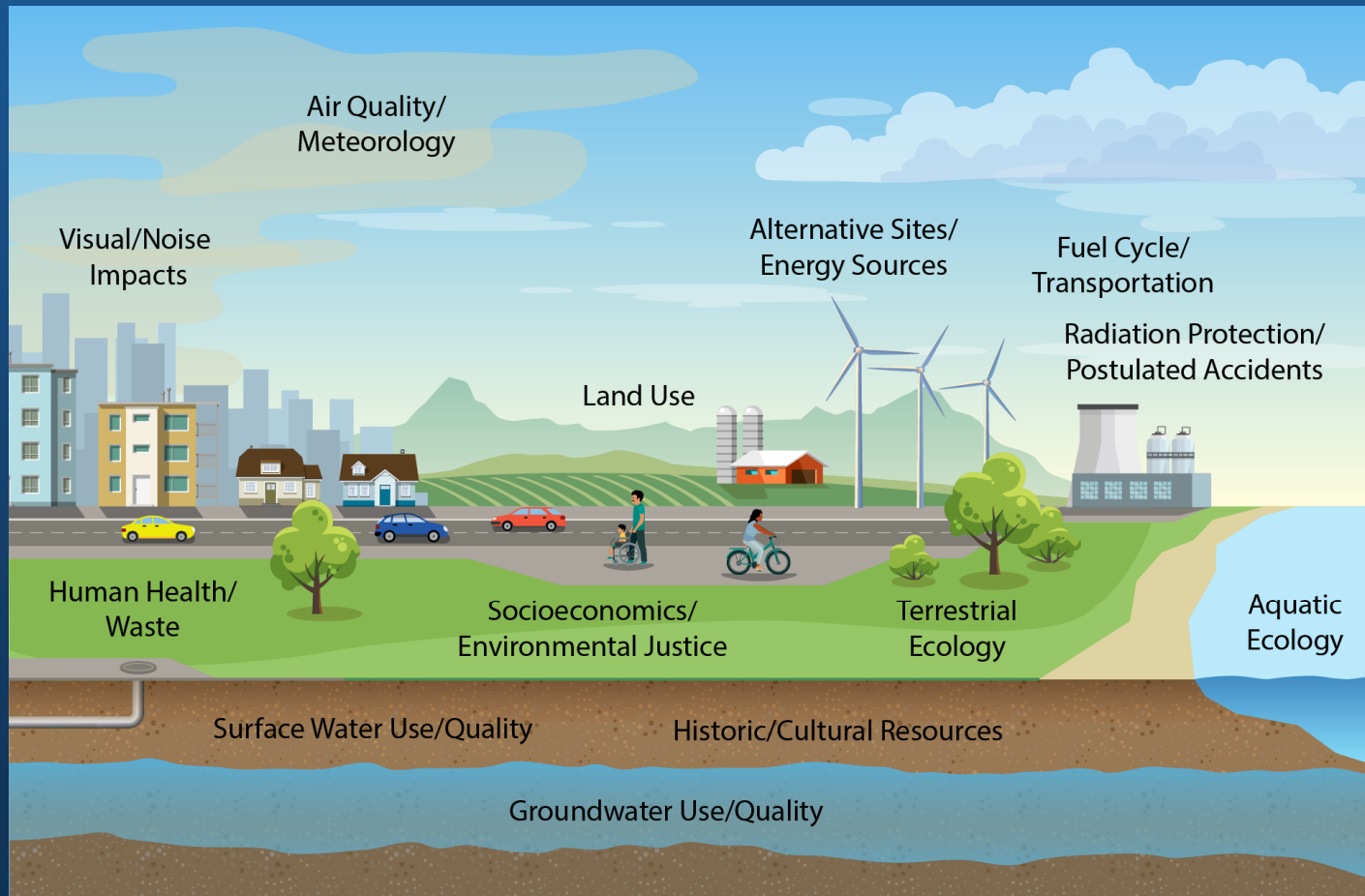
## Environmental Review (continued)

- 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 (LR GEIS)
- Staff evaluates site-specific issues in a Supplemental Environmental Impact Statement (SEIS) to the LR GEIS

## Environmental Impact Statement (EIS)

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

# Environmental Impact Statement



# Agency Coordination and Consultation



# Scoping and Public Involvement

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



# Environmental Review Milestones

Application Received	August 17, 2023
Notice of Intent to Conduct Scoping	November 3, 2023
Environmental Scoping Webinar	TODAY
In-Person Scoping Meeting (Blair, SC)	November 14, 2023
Scoping Comment Period Ends	December 4, 2023
Draft EIS Issued	November 2024
Draft EIS Public Meeting	TBD
Draft EIS Comment Period Ends	January 2025
Final EIS Issued	June 2025
License Renewal Decision	August 2025



# Project Manager Contacts

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  - Kimberly.Conway@nrc.gov
- Ed Miller, Operating Reactor Sr. PM
  - 301-415-2481
  - Ed.Miller@nrc.gov

# Documents



Fairfield County Library  
300 West Washington St  
Winnsboro, SC 29180



NRC Website:

<https://www.nrc.gov/reactors/operating/licensing/renewal/applications/virgil-summer-subsequent.html>



# 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-2023-0152
  - Email: SummerEnvironmental@nrc.gov

**Comments should be submitted by December 4, 2023 (within 30 days from the date of the Notice of Intent to Conduct Scoping Process and Prepare EIS Federal Register Notice [88 FR 75627])**

# 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



# Technical Issues

- Drop off and log back on
- Call into Bridgeline:
  - 301-576-2978
  - Passcode: 169511100#
  - Conference ID: 169511100#
- In Teams, check your device settings:
  - Click “More”
  - Choose “Settings”
  - Choose “Device Settings”

## Summary and Closeout

- Comment period ends December 4, 2023
- Comments will be considered by staff in the scoping summary report
- Scoping participants will receive scoping summary report, to be issued before the draft EIS