

**Browns Ferry Nuclear Plant
Units 1, 2, and 3
Subsequent License Renewal
Public Meeting Will Begin Shortly**

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Environmental Scoping Meeting Related to the Browns Ferry Nuclear Plant Units 1, 2, and 3 Subsequent License Renewal Application

April 11 & 18, 2024

Jessica Hammock, Safety Project Manager

Jessica Umana, 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 Browns Ferry SLR Environmental Review

Introductions

- Jessica Hammock, NRC Office of Nuclear Reactor Regulation (NRR), Safety Review Lead
- Jessica Umana, NRC Office of Nuclear Material Safety and Safeguards (NMSS), Environmental Review Lead
- John Moses, Deputy Director, Division of Rulemaking, Environmental, and Financial Support, NMSS
- Stephen Koenick, Chief, Environmental Project Management Branch 1, Division of Rulemaking, Environmental and Financial Support, NMSS

Meeting Purpose

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



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.*



Strategic Plan
Fiscal Years
2022-2026
At-a-glance

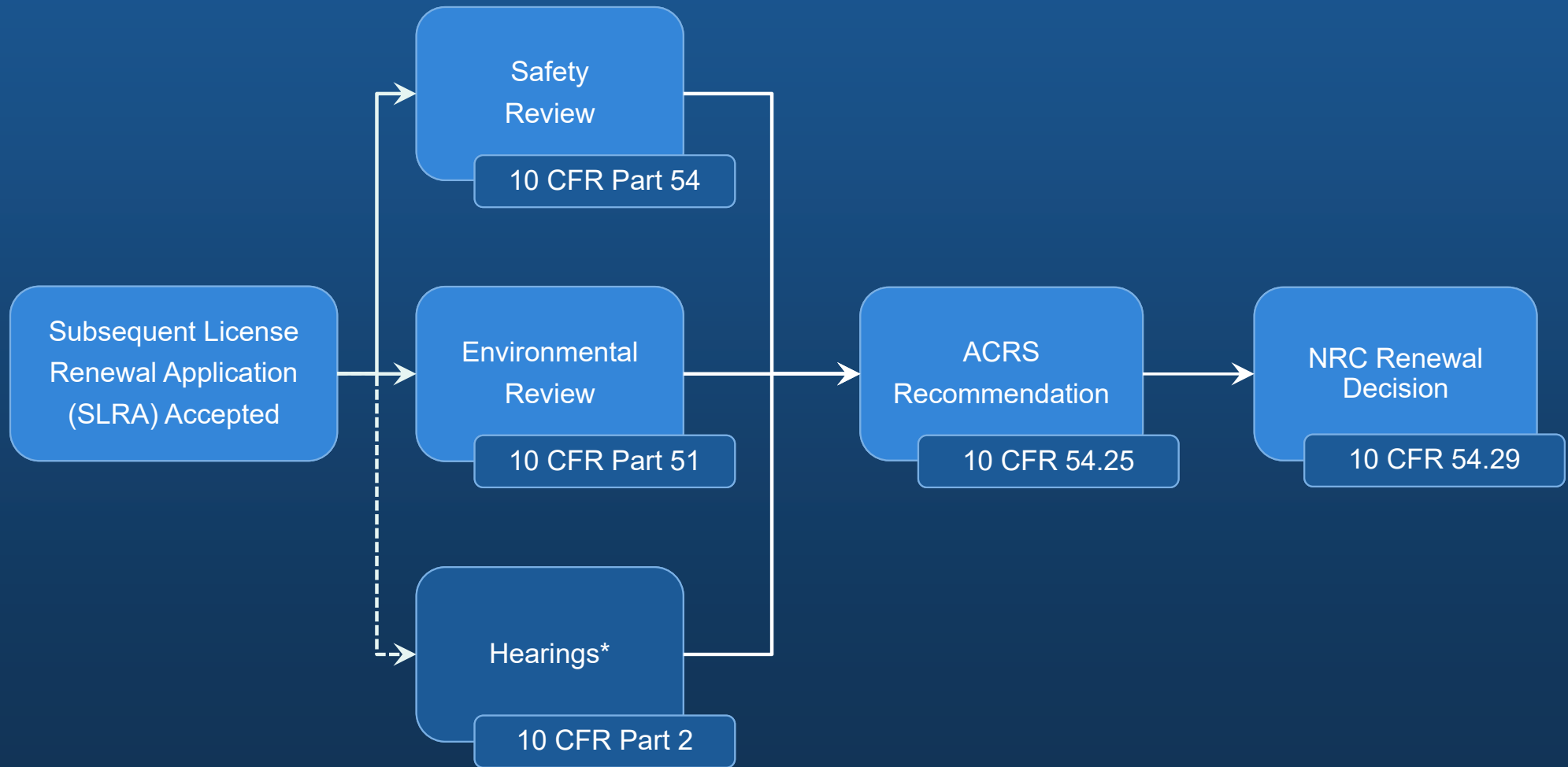
Browns Ferry Subsequent License Renewal

- The Subsequent License Renewal Application for Browns Ferry Nuclear Plant Unit 1, 2, and 3 was submitted on January 19, 2024
- The current Renewed Licenses for each of the units expire December 2033 for Unit 1, June 2034 for Unit 2, and July 2036 for Unit 3
- If a license renewal is granted, it will be for an additional 20 years for each license

Contents of Application

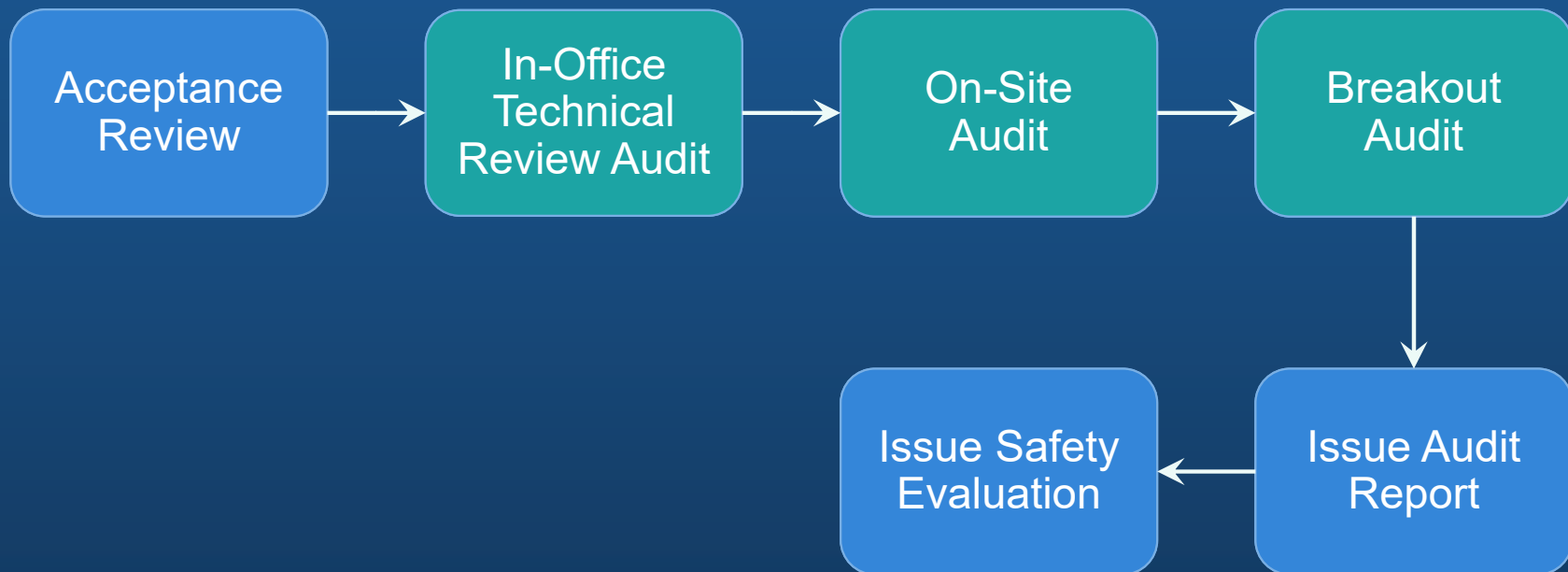
- General information about the plant owner or operator
- Technical information about plant structures and components and how the applicant proposes to manage plant aging
- Environmental Report

Process Overview

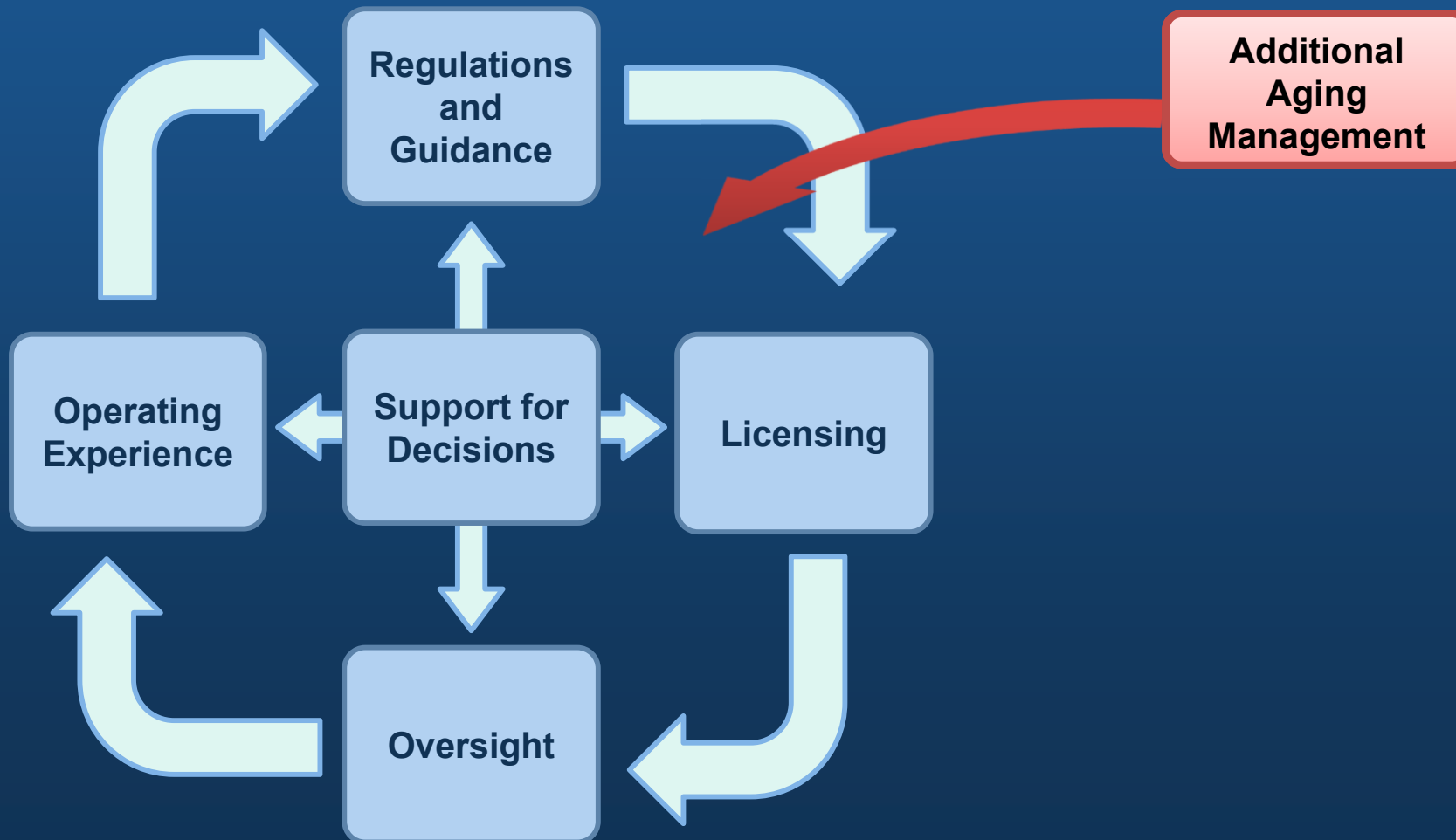


** If a Request for Hearing is Granted*

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
 - 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.

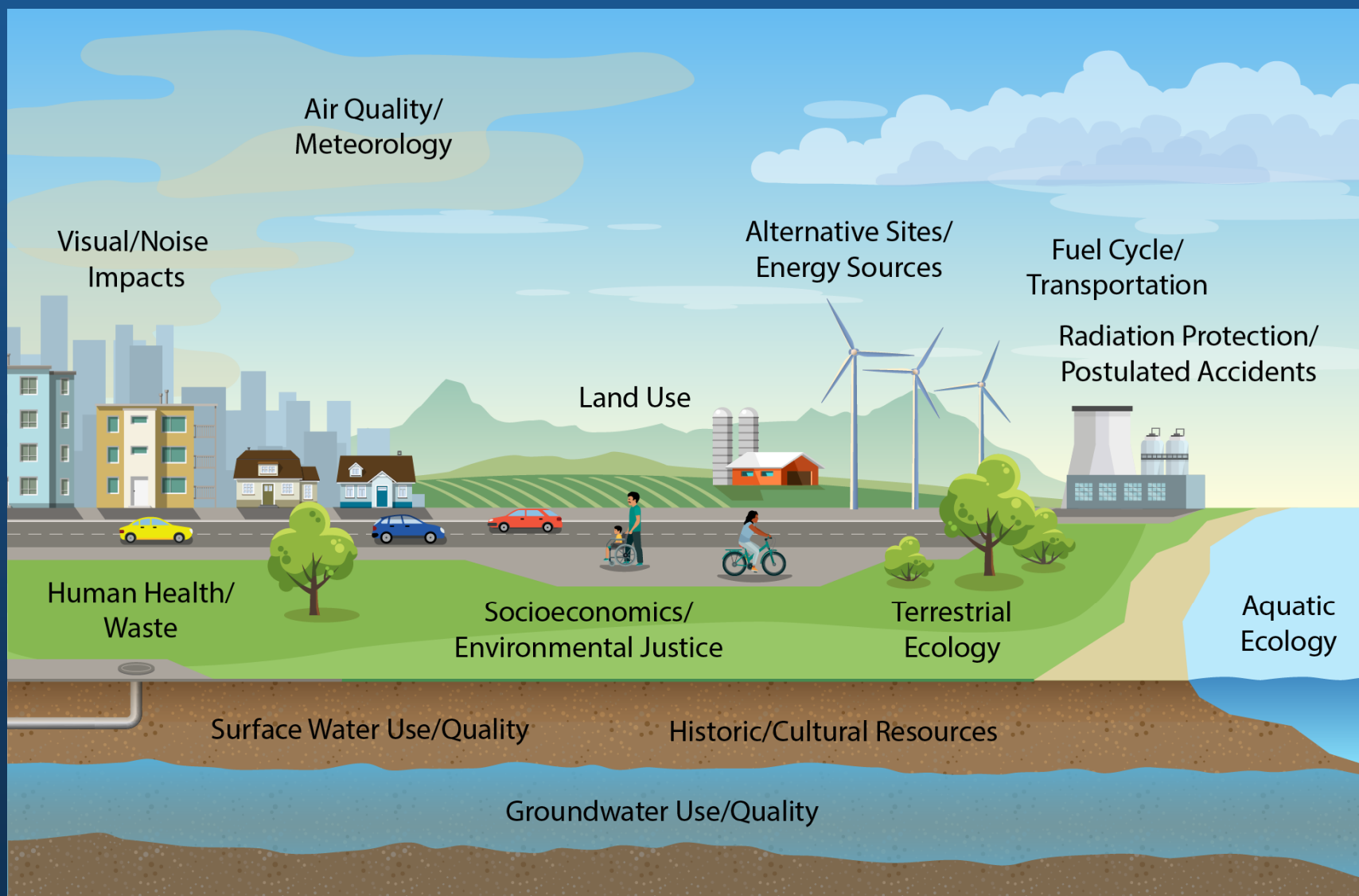
Environmental Review (continued)

- 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

- 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



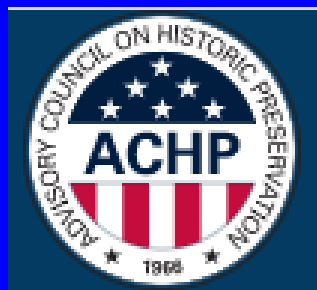
Scoping and Public Involvement

- 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



EIS



Environmental Review Milestones

Application Received	January 19, 2024
Notice of Intent for Scoping	April 3, 2024
Environmental Scoping Meeting	TODAY
Scoping Comment Period Ends	May 3, 2024
Draft SEIS Issued	April 2025
Draft SEIS Public Meeting	TBD
Draft SEIS Comment Period Ends	June 2025
Final SEIS Issued	November 2025
License Renewal Decision	January 2026

Project Manager Contacts

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 - Jessica.Umana@nrc.gov
- Kimberly Green, Operating Reactor PM
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 - Kimberly.Green@nrc.gov

Documents



Athens-Limestone County Public Library
603 S. Jefferson Street
Athens, AL 35611



NRC Website:

<https://www.nrc.gov/reactors/operating/licensing/renewal/applications/browns-ferry-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-2024-0030
 - Email: BrownsFerryEnvironmental@nrc.gov

Comments should be submitted by May 3, 2024 (within 30 days from the date of the Notice of Intent to Conduct Scoping Process and Prepare EIS Federal Register Notice, 89 *FR* 23056)

Summary and Closeout

- Comment period ends May 3, 2024
- Comments will be considered by staff in the scoping summary report
- Scoping participants will receive scoping summary report, to be issued in early June 2024