



H. B. Robinson Steam Electric Plant, Unit 2 Subsequent License Renewal Environmental Pre-Application Meeting

February 4, 2025

Karen Loomis, Environmental Project Manager

Andrew Siwy, Safety Project Manager



Meeting Logistics

- Meeting slides can be found in the NRC's ADAMS (ML25034A175) and on the public meeting schedule page for this meeting (<https://www.nrc.gov/pmns/mtg>)
- Public participants are observers in listen-only mode until the public participation session toward the end of the meeting
- No regulatory decisions will be made at today's meeting



Agenda

- Introductions and Purpose
- Subsequent License Renewal (SLR) Overview - NRC
- Environmental Review Overview - NRC
- H. B. Robinson Steam Electric Plant, Unit 2-Duke Energy
- Discussion and Questions – NRC and Duke
- Public Participation



Introductions and Purpose

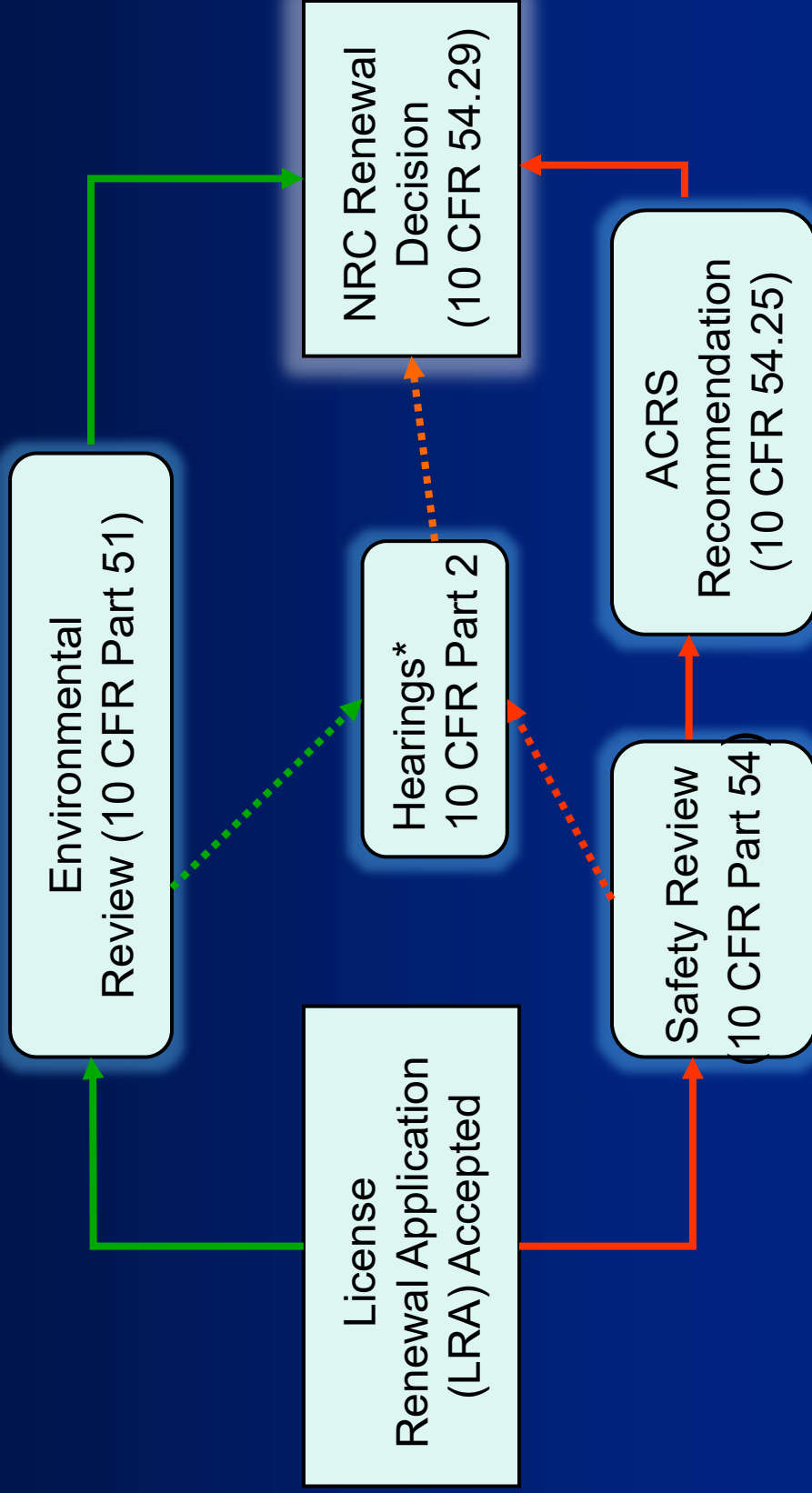
- Karen Loomis, NMSS - Environmental Review PM
Karen.Loomis@nrc.gov
301-415-5142
- Andrew Siwy, NRR - Safety Review PM
Andrew.Siwy@nrc.gov
301-287-9232
- 10 CFR 51.40: (a) A prospective applicant ... is encouraged to confer with NRC staff as early as possible in its planning process before submitting environmental information or filing an environmental report



License Renewal

- NRC's Governing Statutes
 - Atomic Energy Act
 - 10 CFR Part 54
 - National Environmental Policy Act (NEPA)
 - 10 CFR Part 51
- NRC's Mission
 - Protect Public Health and Safety
 - Advances Common Defense and Security
 - Protect the Environment

License Renewal



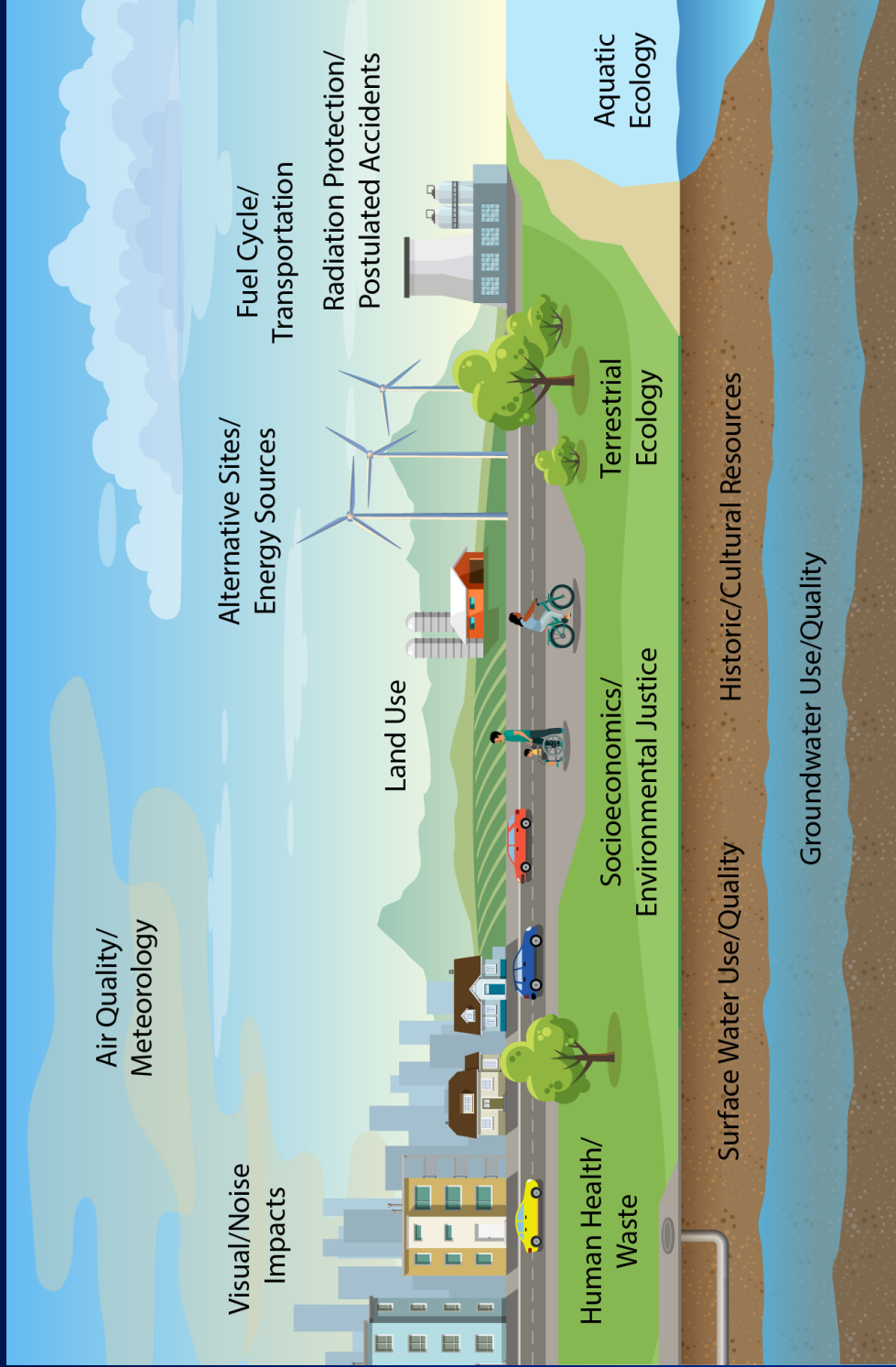
*** If a Request for Hearing is Granted**



Environmental Review

- Considers, evaluates, and discloses environmental impacts of continued plant operation and alternatives to license renewal
- Staff review is to determine if the environmental impacts of license renewal are so great that license renewal would be unreasonable

Environmental Review



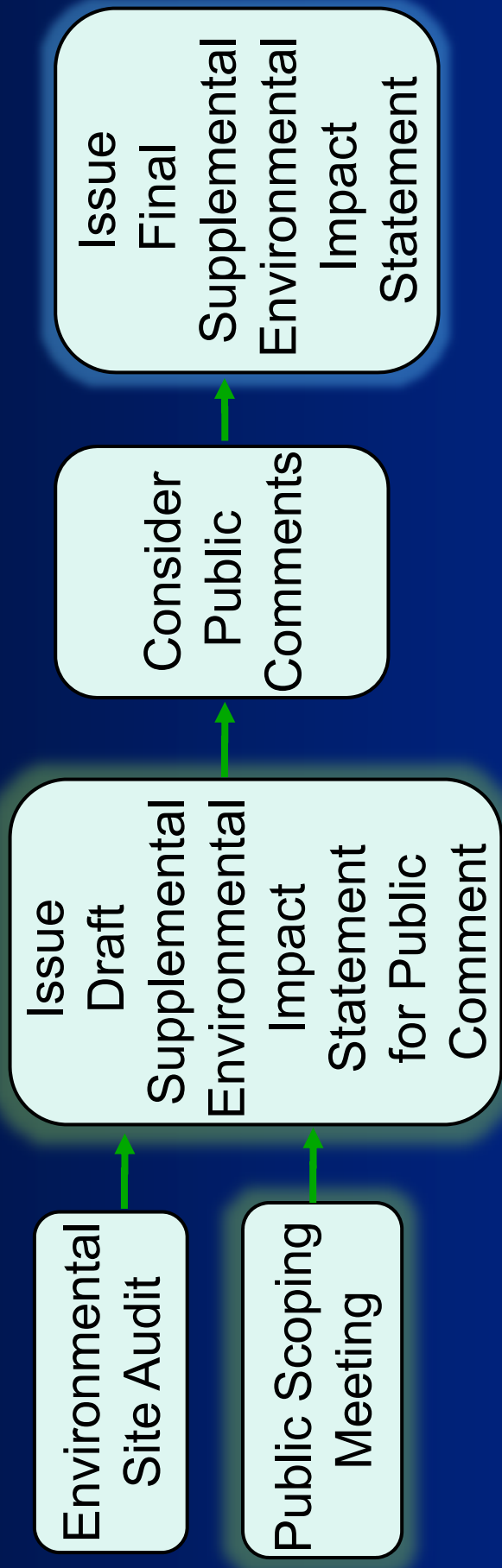
- Staff Evaluates Impacts to

- Resources

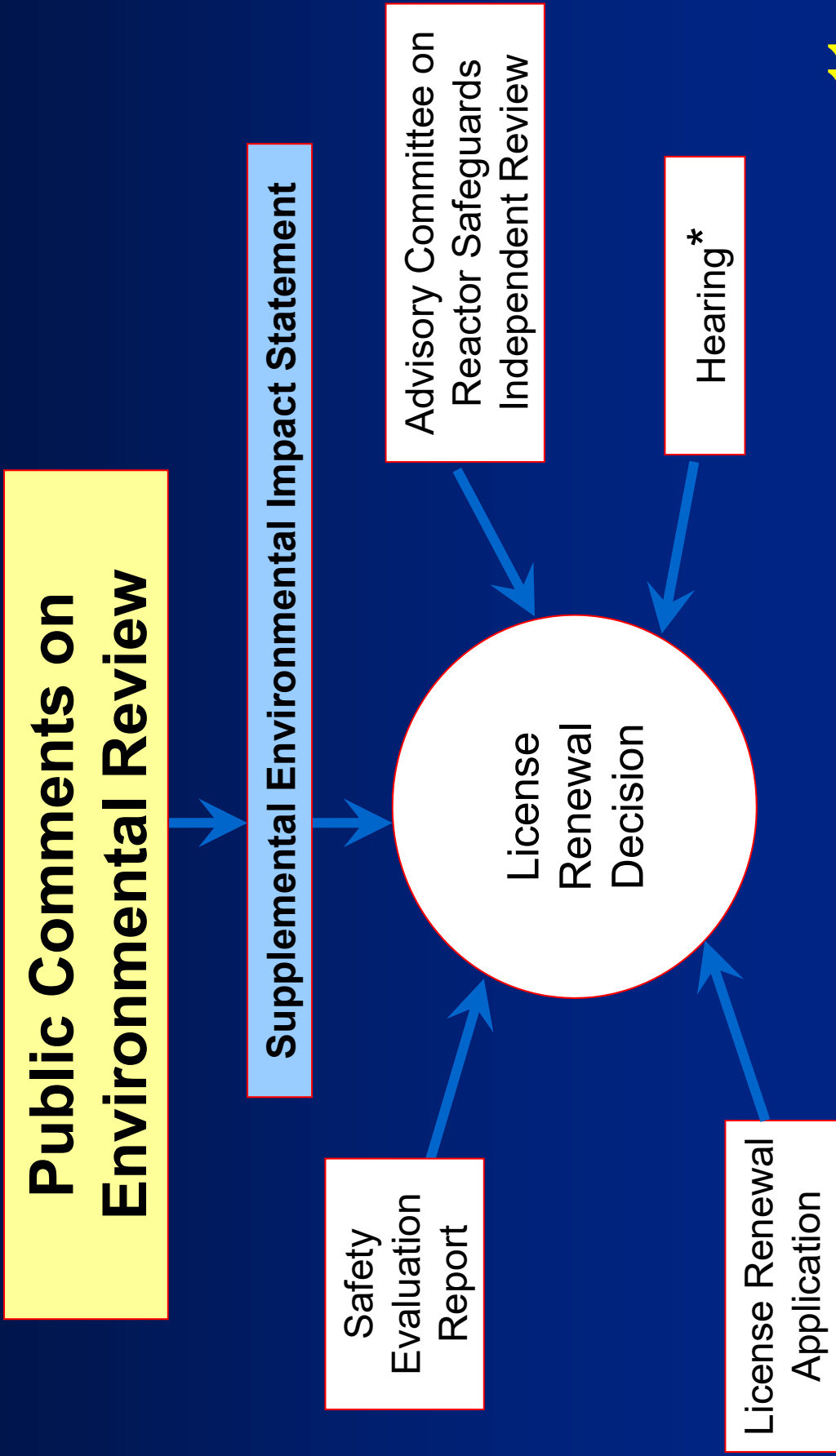
- Wildlife and Fish
 - Water and Air Resources
 - Historical and Cultural Resources
 - Taxes, Transportation, Environmental Justice
 - Human Health
 - Land Use



Environmental Review



Environmental Review



*If a Request for Hearing is Granted



Presentation by Duke Energy

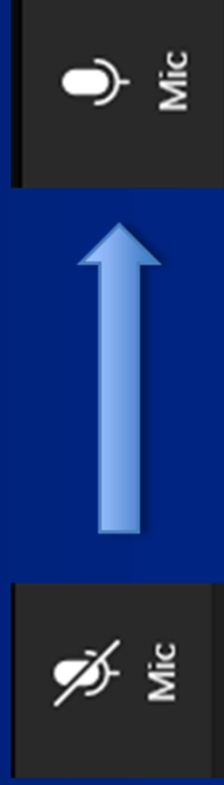


Discussion and Questions



Public Questions

- 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”





Audio Issues

- Call into bridgeline:
 - 301-576-2978
 - Passcode: # 611963169
 - Conference ID: #611963169
- In Teams, check your device settings:
 - Click “More”
 - Choose “Settings”
 - Choose “Device Settings”