



# **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

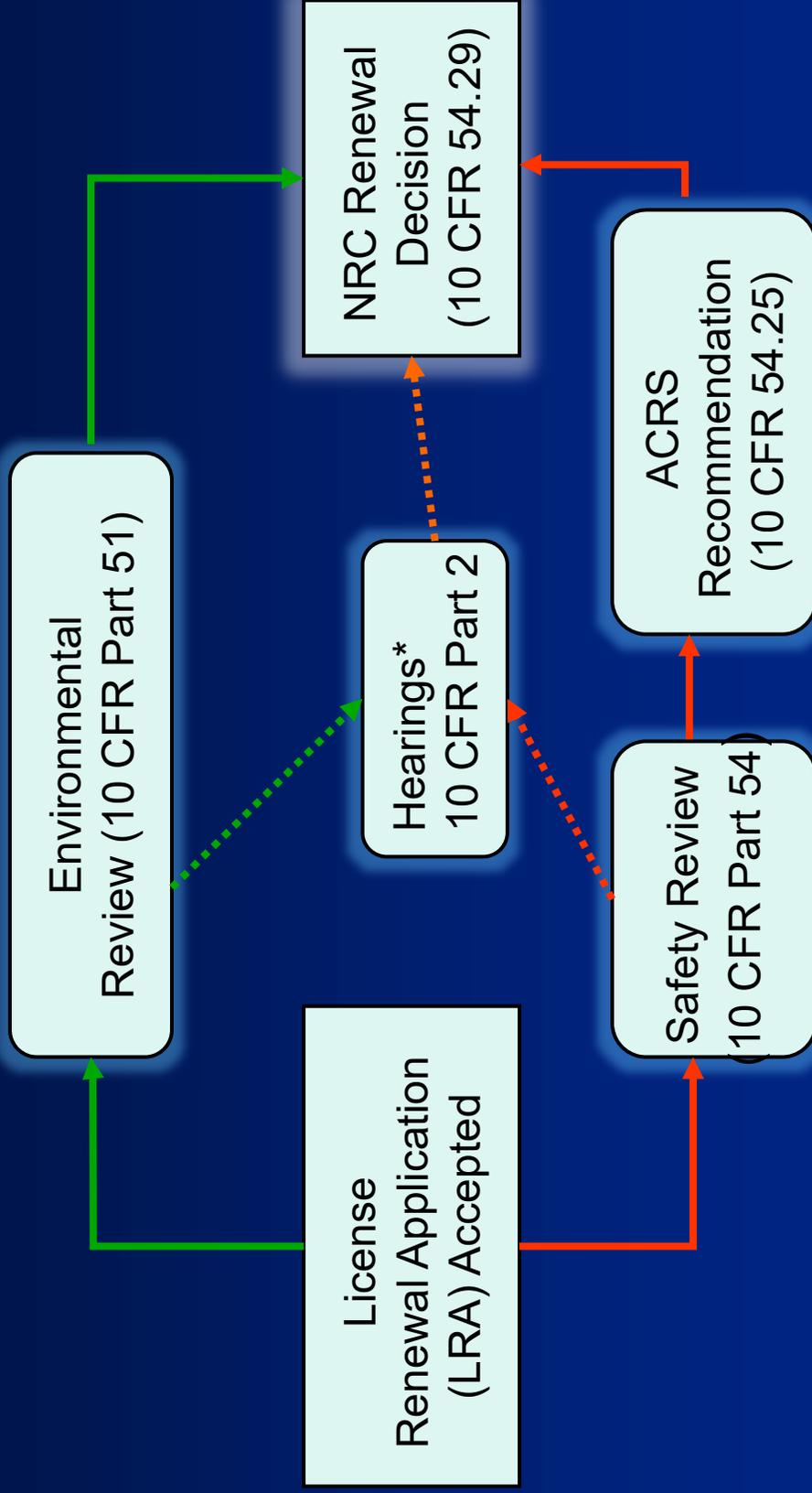
- Karen Loomis, NMSS - Environmental Review PM  
[Karen.Loomis@nrc.gov](mailto:Karen.Loomis@nrc.gov)  
301-415-5142
- Andrew Siwy, NRR - Safety Review PM  
[Andrew.Siwy@nrc.gov](mailto:Andrew.Siwy@nrc.gov)  
301-287-9232
- 10 CFR 51.40: (a) A prospective applicant ... is encouraged to confer with NRC 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

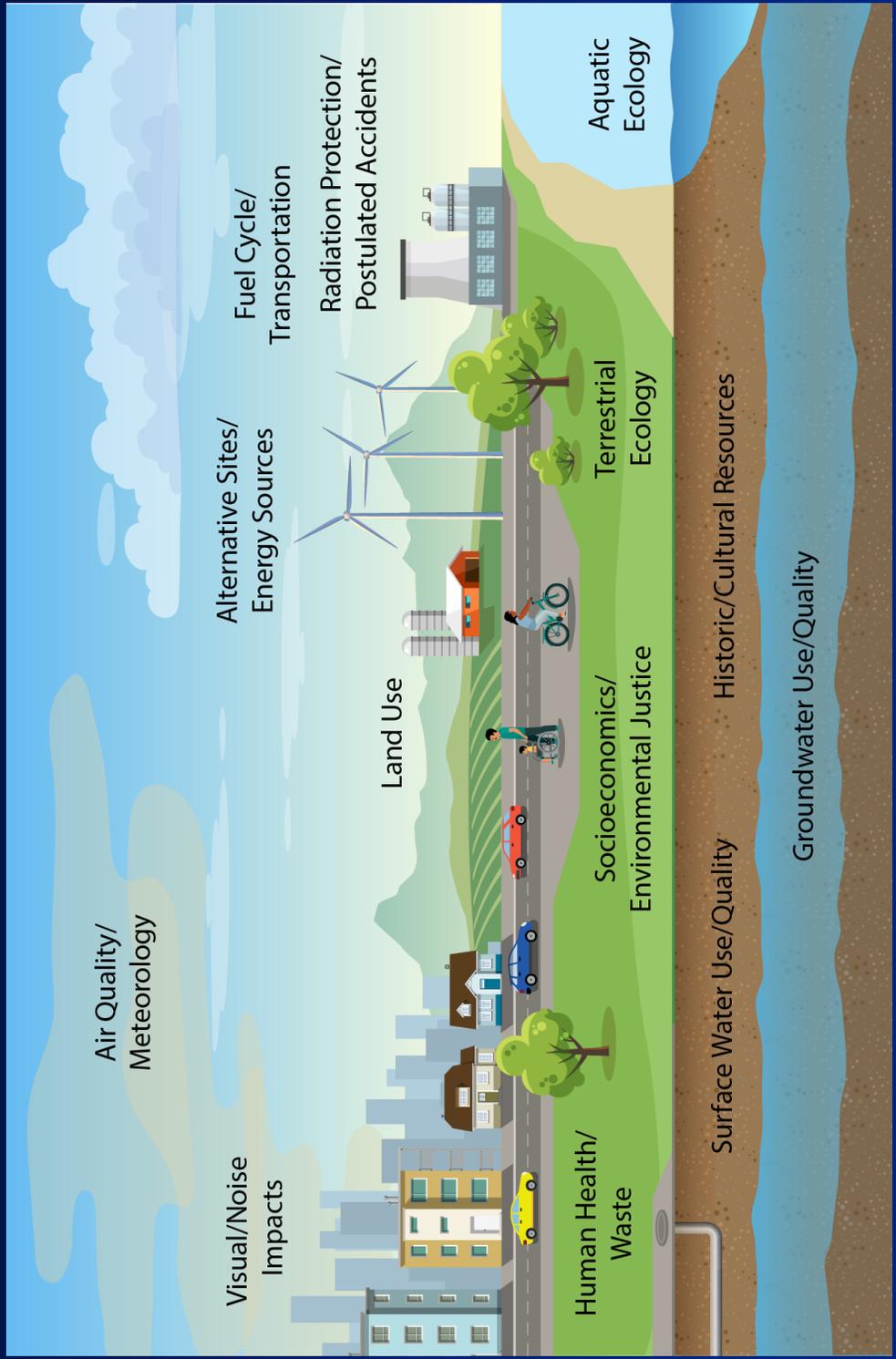


**\* If a Request for Hearing is Granted**

## 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



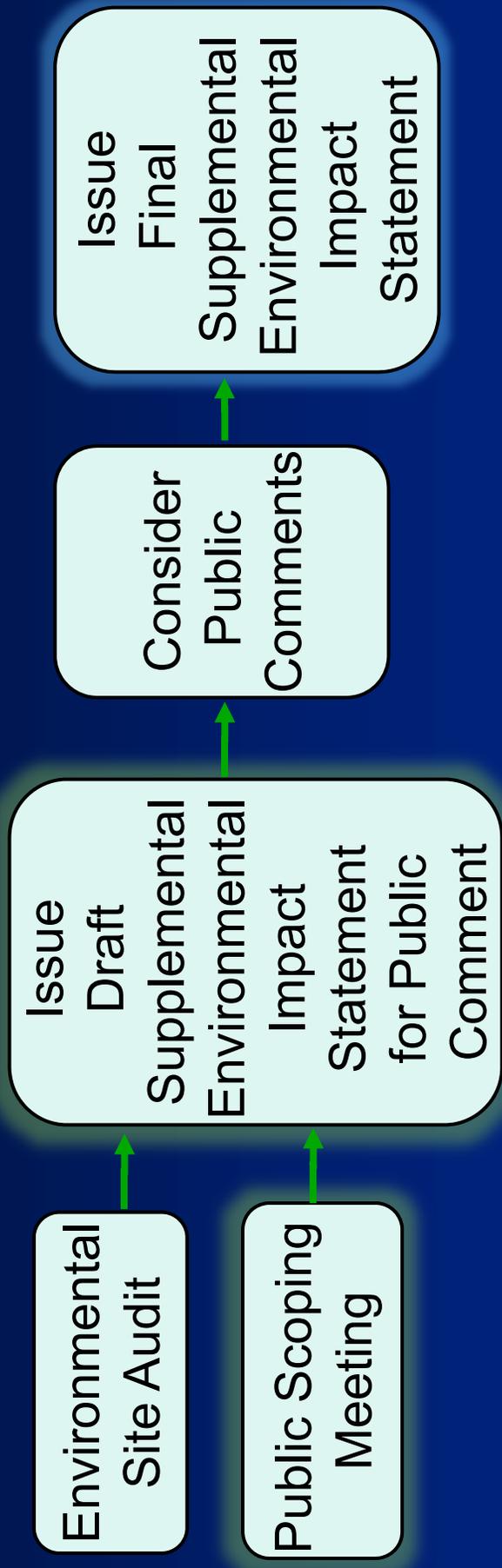
- Staff Evaluates Impacts to

- Resources

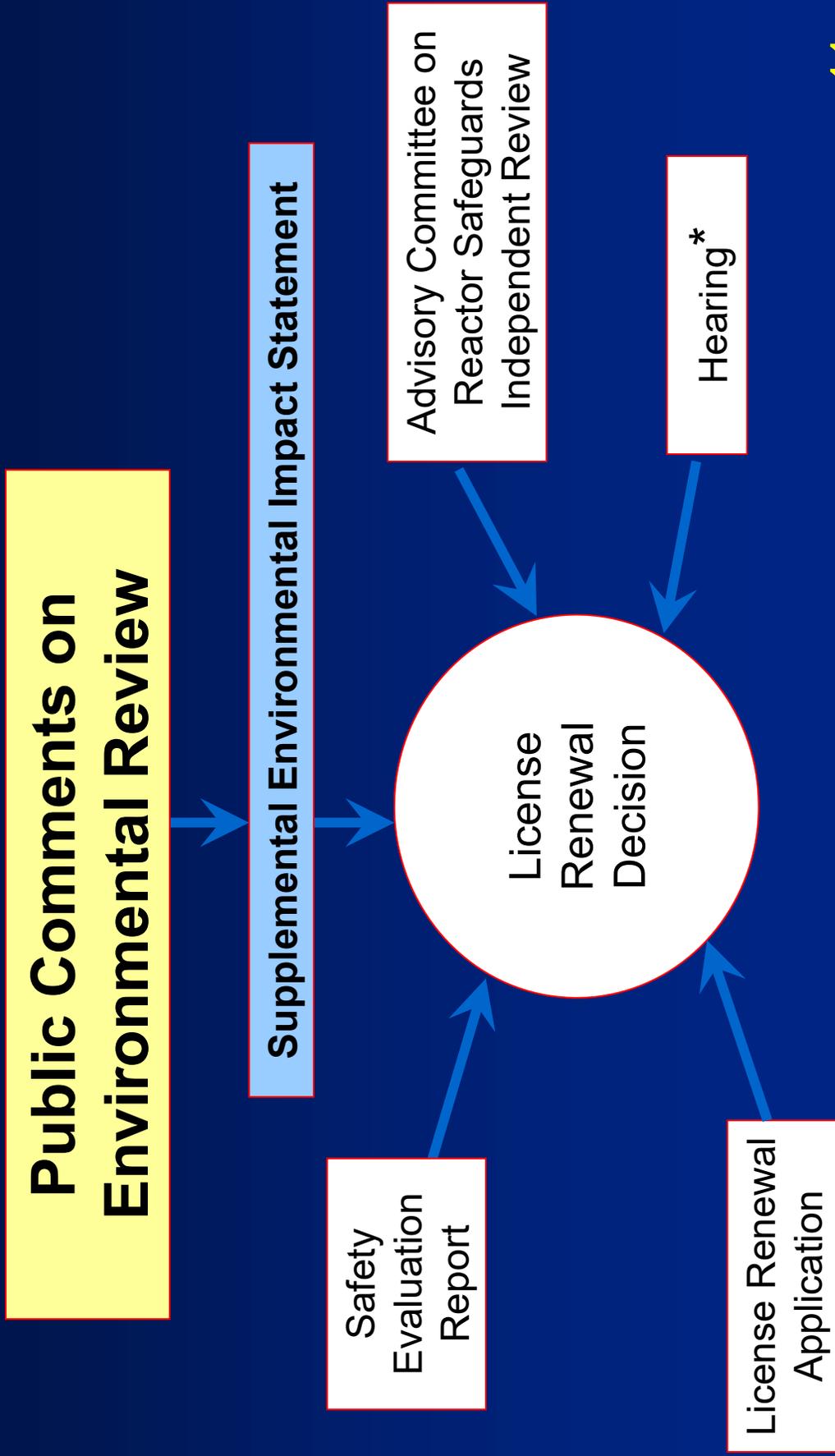
- Wildlife and Fish
    - Water and Air Resources
    - Historical and Cultural Resources
    - Taxes, Transportation, Environmental Justice
    - Human Health
    - Land Use



# Environmental Review



# Environmental Review



\*If a Request for Hearing is Granted



# Presentation by Duke Energy

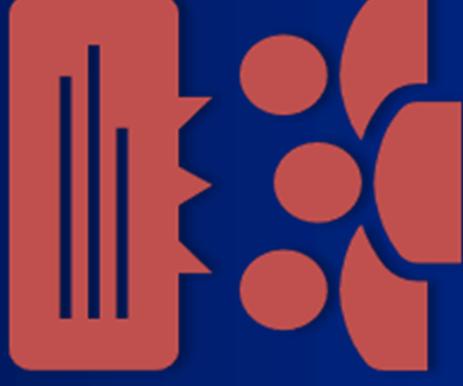
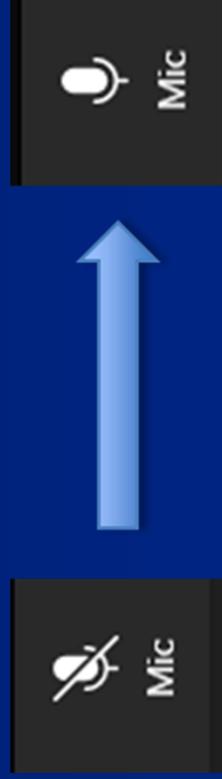


# Discussion and Questions



# 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”