



**Public Scoping Meeting  
Generic Environmental Impact Statement  
(GEIS) for License Renewal of Nuclear  
Plants (NUREG-1437)**

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U.S. Nuclear Regulatory Commission  
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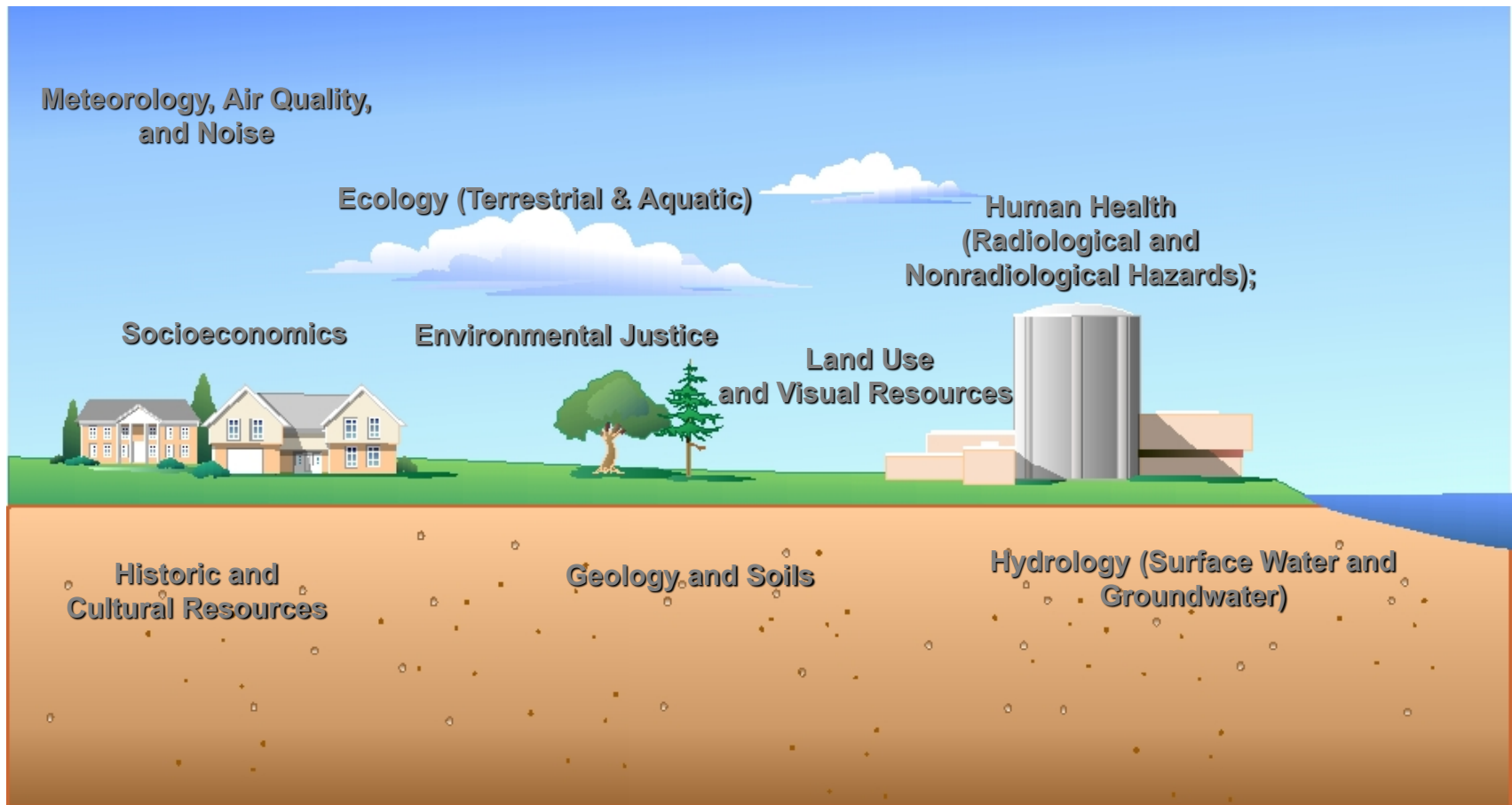
Technical Difficulties? Please email [Nancy.Martinez@nrc.gov](mailto:Nancy.Martinez@nrc.gov)

- Welcome
- Purpose for the GEIS
- Review and scoping process
- Results of NRC's preliminary review
- Submitting comments

# The GEIS

- Summarizes findings from a detailed inquiry into the environmental impacts of license renewal
- Identifies and evaluates generic impacts (same or similar) at all nuclear plants
- Identifies nuclear plant/site-specific impacts needing to be addressed in supplements to the GEIS

# Environmental Impacts



# The Review

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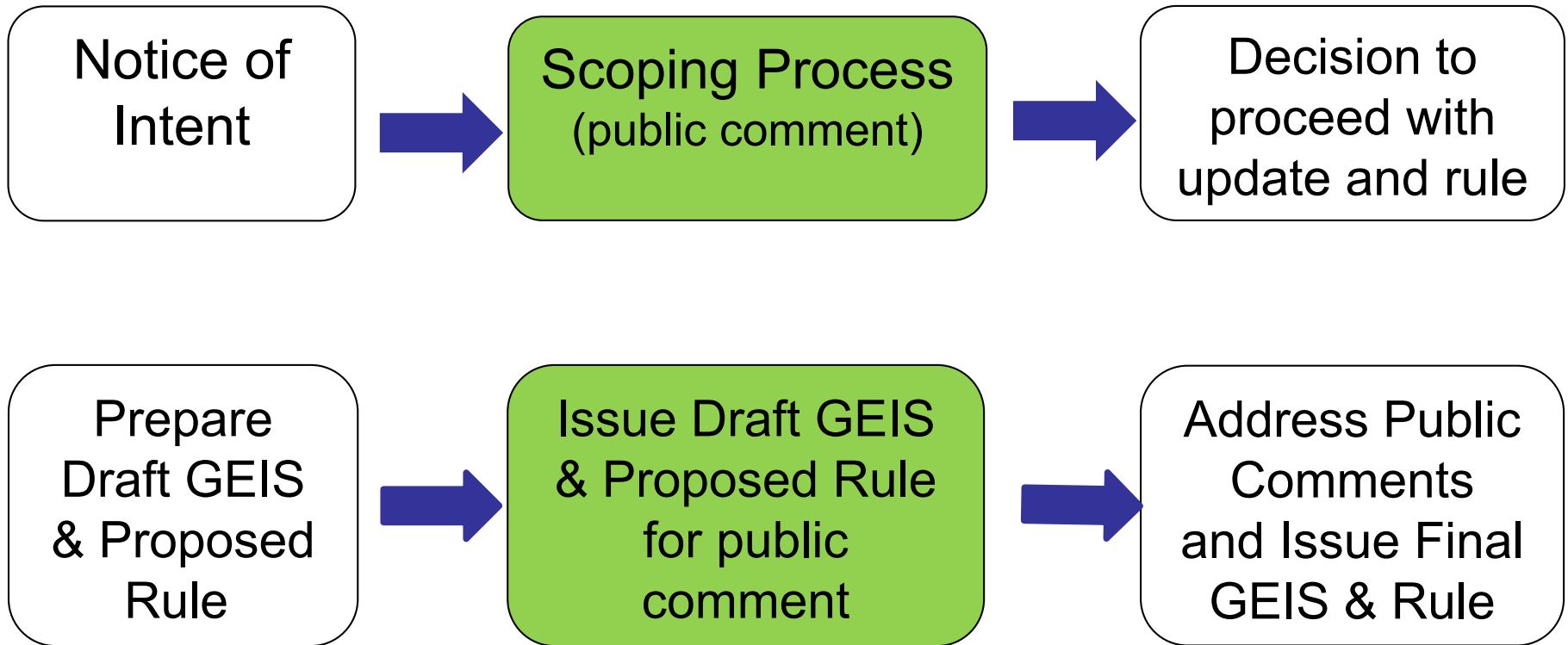
- Basis for review:
  - Appendix B to Subpart A of NRC regulations, 10-year review and update, if necessary
  - Findings summarized in Table B-1 in Appendix B
- Categorization of impact issues
  - Category 1
    - Impacts same or similar at all nuclear plants
  - Category 2
    - Requires nuclear plant/site-specific analysis

# The Review cont'd

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- Incorporate lessons learned from previous plant-specific environmental reviews
- Identify new environmental impact issues
- Incorporate changes to environmental laws and regulations

# Review and Update



Green boxes - opportunities for public participation

# Scoping Process

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- Identify environmental issues and concerns that need to be evaluated and updated in the GEIS
- Consider proposals for other changes to the GEIS and in license renewal environmental reviews



- Should GEIS address the following:
  - Greenhouse Gas Emissions (new issue)
  - Groundwater quality degradation (plants with cooling ponds in salt marshes) (revise existing issue)
  - Threatened, endangered, and protected species and essential fish habitat (revise existing issue)

- Should GEIS address the following:
  - Subsequent (second) license renewal
  - Revised guidance on evaluating radiological doses to aquatic and terrestrial biota
  - NEI 17-04 guidance and revised BEIR VII report
  - Define new and significant information

- Should GEIS address the following:
  - New light water reactors constructed after June 30, 1995 (e.g., Vogtle 3 & 4)
  - Advanced and/or small modular reactors (SMRs)
  - Environmental impacts of license renewal beyond the 20-year license renewal term up to a maximum of 40-years

# How to Comment

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- Use one of the following methods:
  - **Email comments to:** [LicenseRenewal-GEIS@nrc.gov](mailto:LicenseRenewal-GEIS@nrc.gov)
  - **Submit comments:** Go to <https://www.regulations.gov> and search for Docket ID **NRC-2020-0175**
  - **Mail comments to:** Office of Administration, Mail Stop TWFN-7-A60M, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001
  - **At this meeting:** Comments are recorded at this meeting. By Phone - Press \* then 1. By WebEx - send WebEx chat to “All Panelists”

- Public scoping comment period closes **November 2, 2020**
- Review public comments and recommendations
- Determine whether to proceed with GEIS update and rulemaking
- Issue notice

# Contact Information



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