



# Environmental Scoping Meeting Browns Ferry Nuclear Plant, Units 1, 2, and 3

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Nuclear Regulatory Commission

April 1, 2004





# Purpose of Today's Meeting

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- Discuss NRC's license renewal process
- Describe the environmental review process
- Identify environmental areas that the staff typically evaluates
- Provide the review schedule
- Accept any comments you may have today
- Describe how to submit comments



# Browns Ferry Nuclear Plant, Units 1, 2, and 3 License Renewal

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- Current operating licenses expire
  - Unit 1 – 20 Dec 2013
  - Unit 2 – 28 Jun 2014
  - Unit 3 – 2 Jul 2016
- Application requests authorization to operate units for an additional 20 years



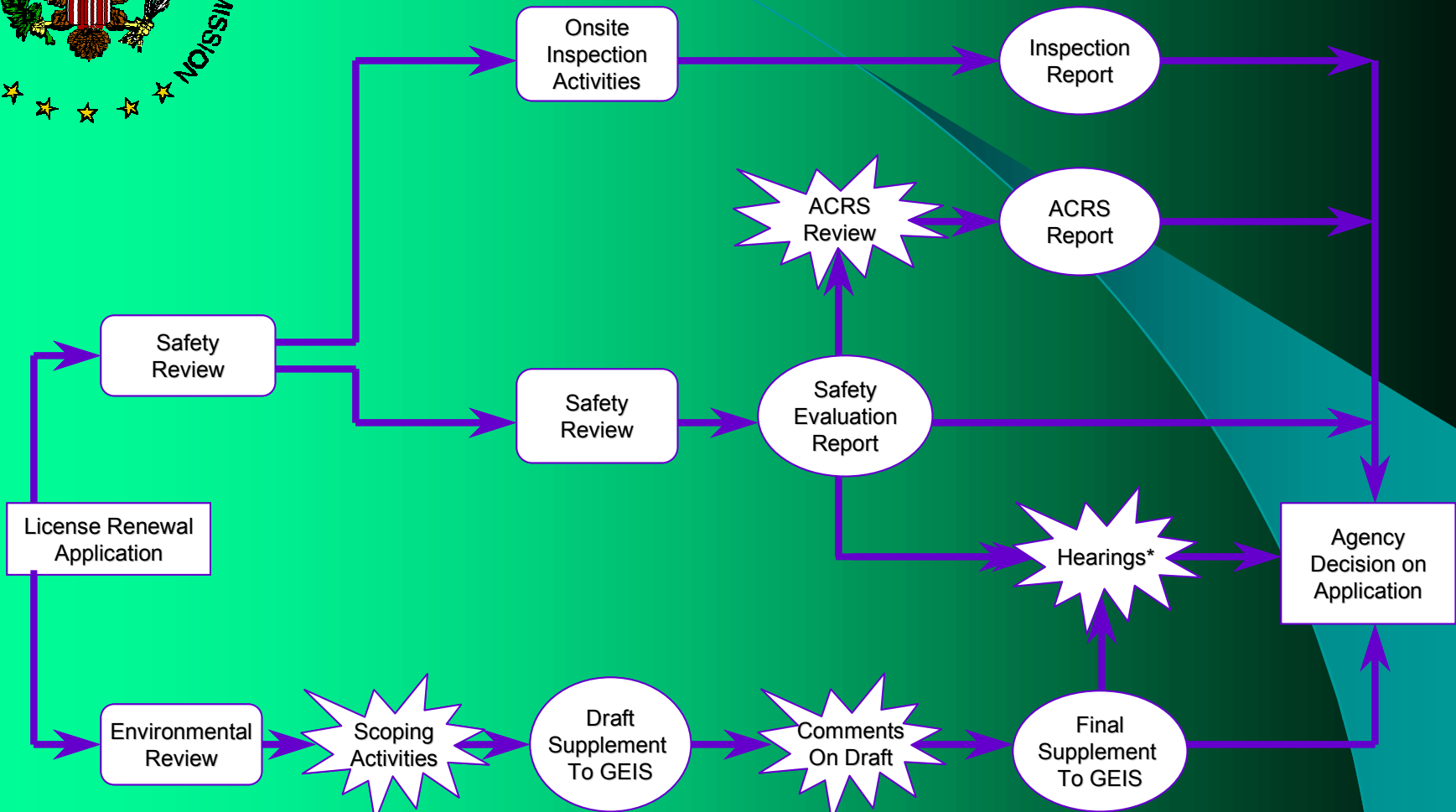
# NRC's License Renewal Review

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- Safety review
- Environmental review
- Plant inspections
- Advisory Committee on Reactor Safeguards (ACRS)



# License Renewal Process



 Formal Public Participation

\*If a request for hearing is granted



# National Environmental Policy Act

- NEPA requires Federal agencies to use a systematic approach to consider environmental impacts
- An Environmental Impact Statement (EIS) is required for major Federal actions significantly affecting the quality of the human environment
- Commission has determined that a supplement to the “Generic EIS for License Renewal of Nuclear Plants” will be prepared for a license renewal application.



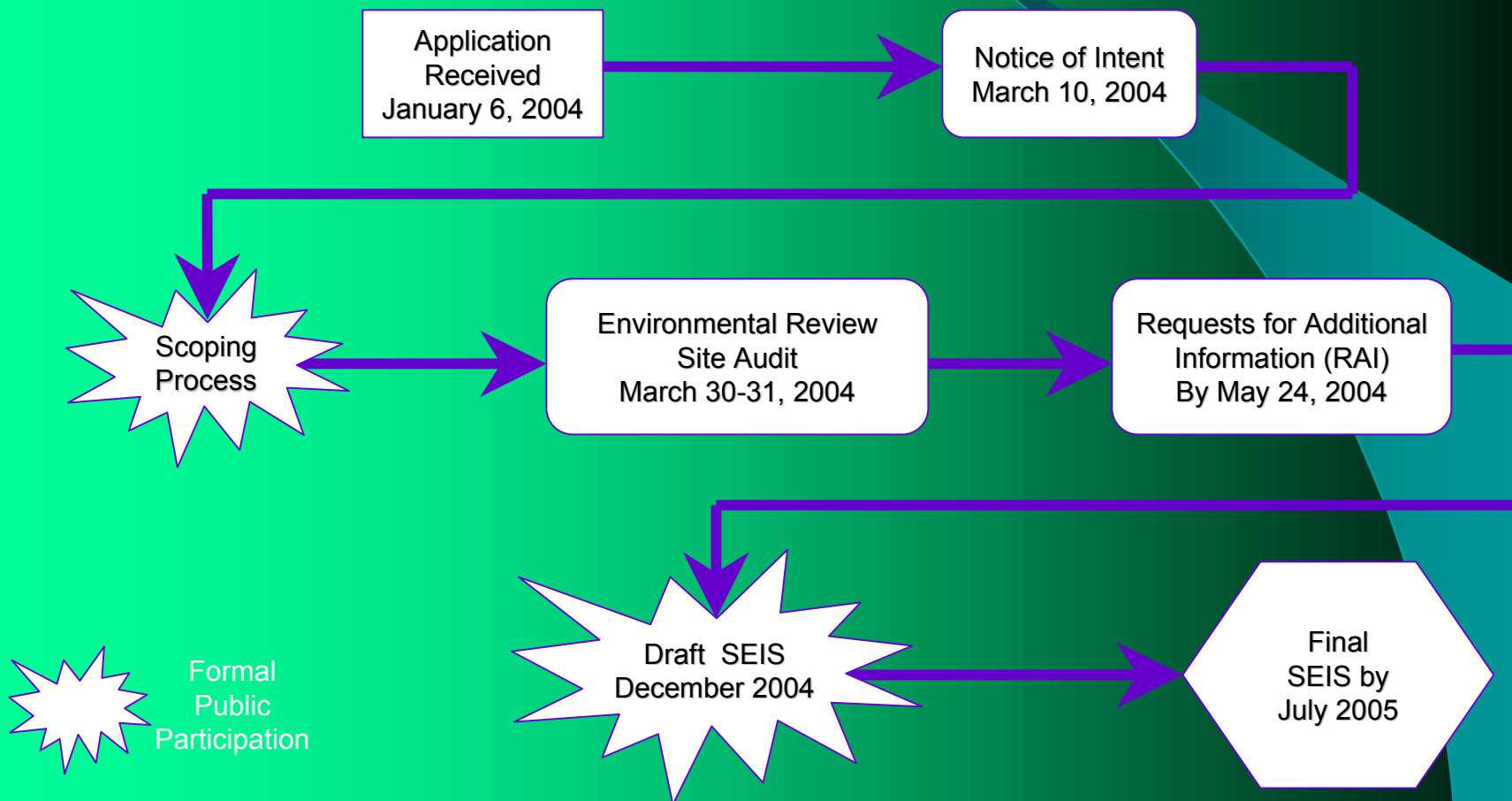
# Decision Standard for Environmental Review

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To determine whether or not the adverse environmental impacts of license renewal for Browns Ferry Nuclear Plant, Units 1, 2, and 3, are so great that preserving the option of license renewal for energy planning decisionmakers would be unreasonable.



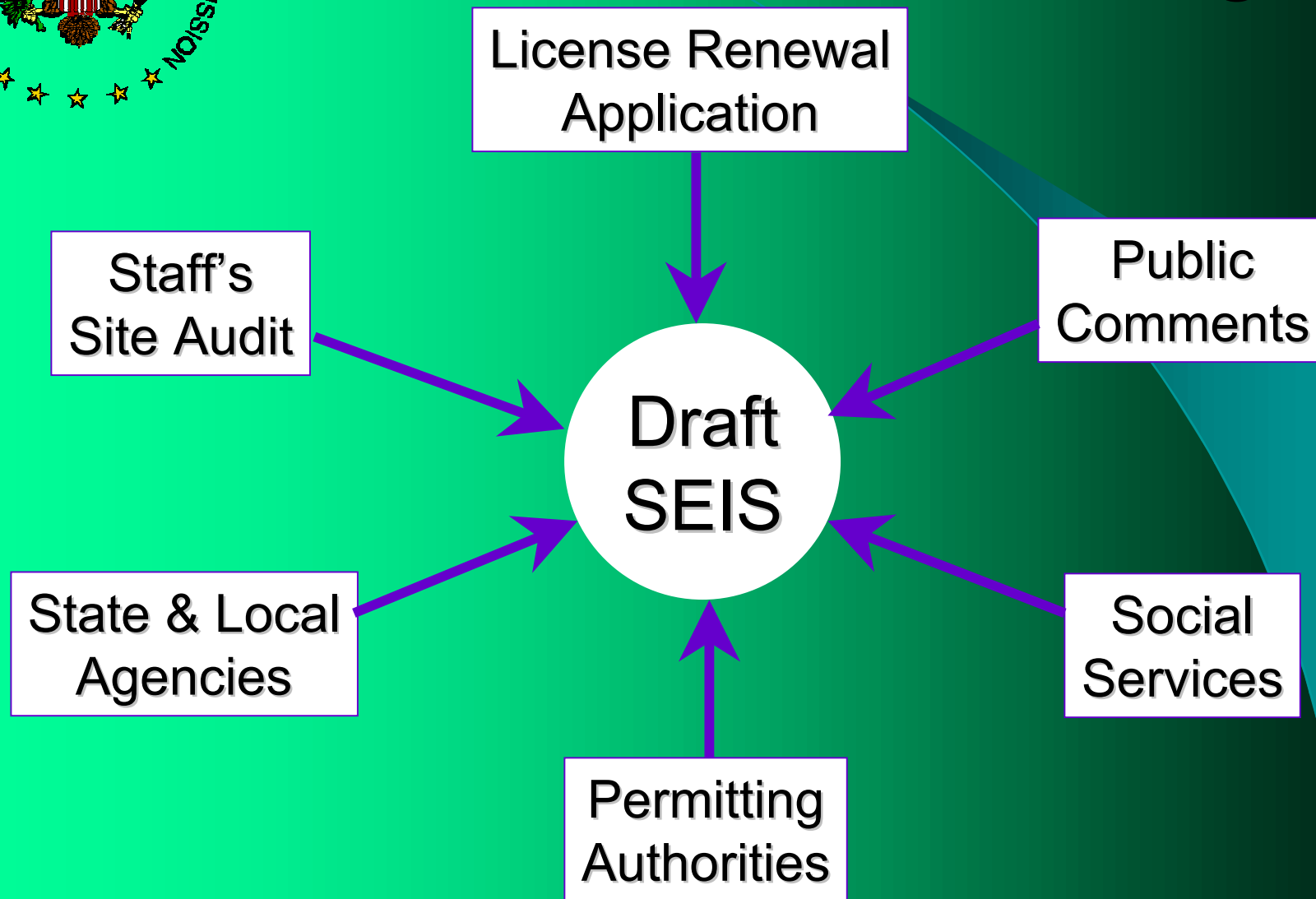
# Environmental Review Process for License Renewal





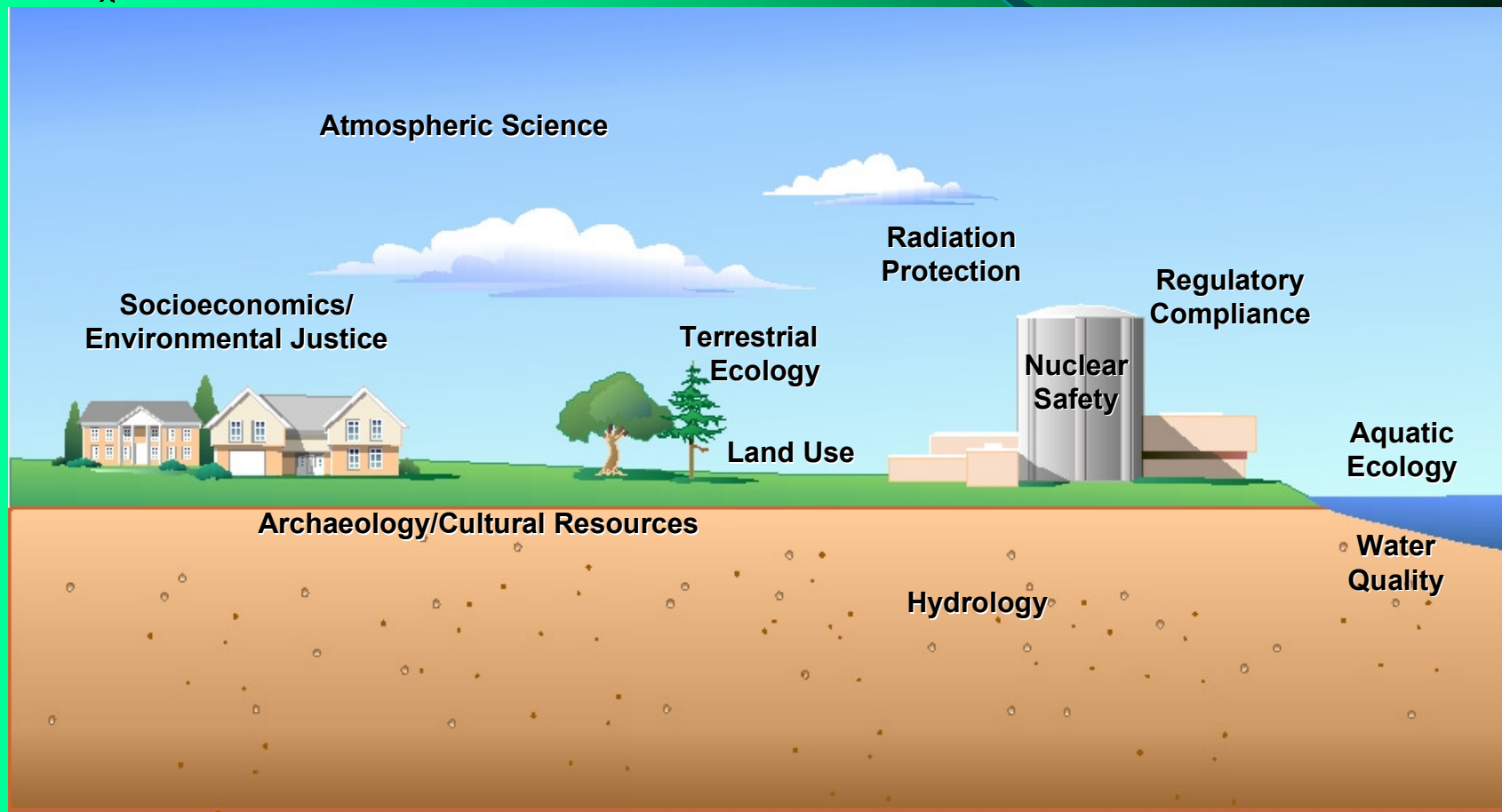


# Information Gathering





# Team Expertise





# Environmental Review Milestones

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- Scoping & Comment period – 3/10/04 to 5/9/04
- Issue draft SEIS – December 2004
- Issue final SEIS – July 2005



# Point of Contact

- Agency point of contact:  
Michael Masnik  
(800) 368-5642, Ext. 1191
- Documents are located at Athens-Limestone Public Library, Athens, Alabama
- Documents can also be viewed at the NRC's Web site ([www.nrc.gov](http://www.nrc.gov))



# NRC Addresses

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Provide written comments:

- By mail at: Chief, Rules and Directives Branch  
Division of Administrative Services  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555
- In person at: 11545 Rockville Pike  
Rockville, Maryland
- E-mail at: [BrownsferryEIS@nrc.gov](mailto:BrownsferryEIS@nrc.gov)

