



**U.S.NRC**

UNITED STATES NUCLEAR REGULATORY COMMISSION

*Protecting People and the Environment*

**Kewaunee Power Station  
License Renewal Process and  
Environmental Scoping Meeting**

October 22, 2008



# Purpose of Today's Meeting

- Provide overview of license renewal review process
- Describe the environmental review process
- Provide license renewal review schedule
- Receive public input on environmental review
  - Describe how to submit comments
  - Accept comments today



# NRC Regulatory Oversight

## ➤ NRC's Governing Statutes

- Atomic Energy Act
- National Environmental Policy Act (NEPA)



# NRC Regulatory Oversight

## ➤ NRC's Mission

- Protect Public Health and Safety
- Promote Common Defense and Security
- Protect Environment



# Kewaunee Power Station License Renewal

- Kewaunee Power Station
  - License expiration date 12/21/2013
  
- Application was filed on 8/14/2008

# 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 aging
- Changes to plant Technical Specifications
- Environmental Report

# License Renewal Review

- **Safety Review**
  - Focuses on the aging effects of components and structures important to plant safety
  - Staff review is to determine whether aging effects will be effectively managed
  
- **Environmental Review**
  - Considers, analyzes, 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



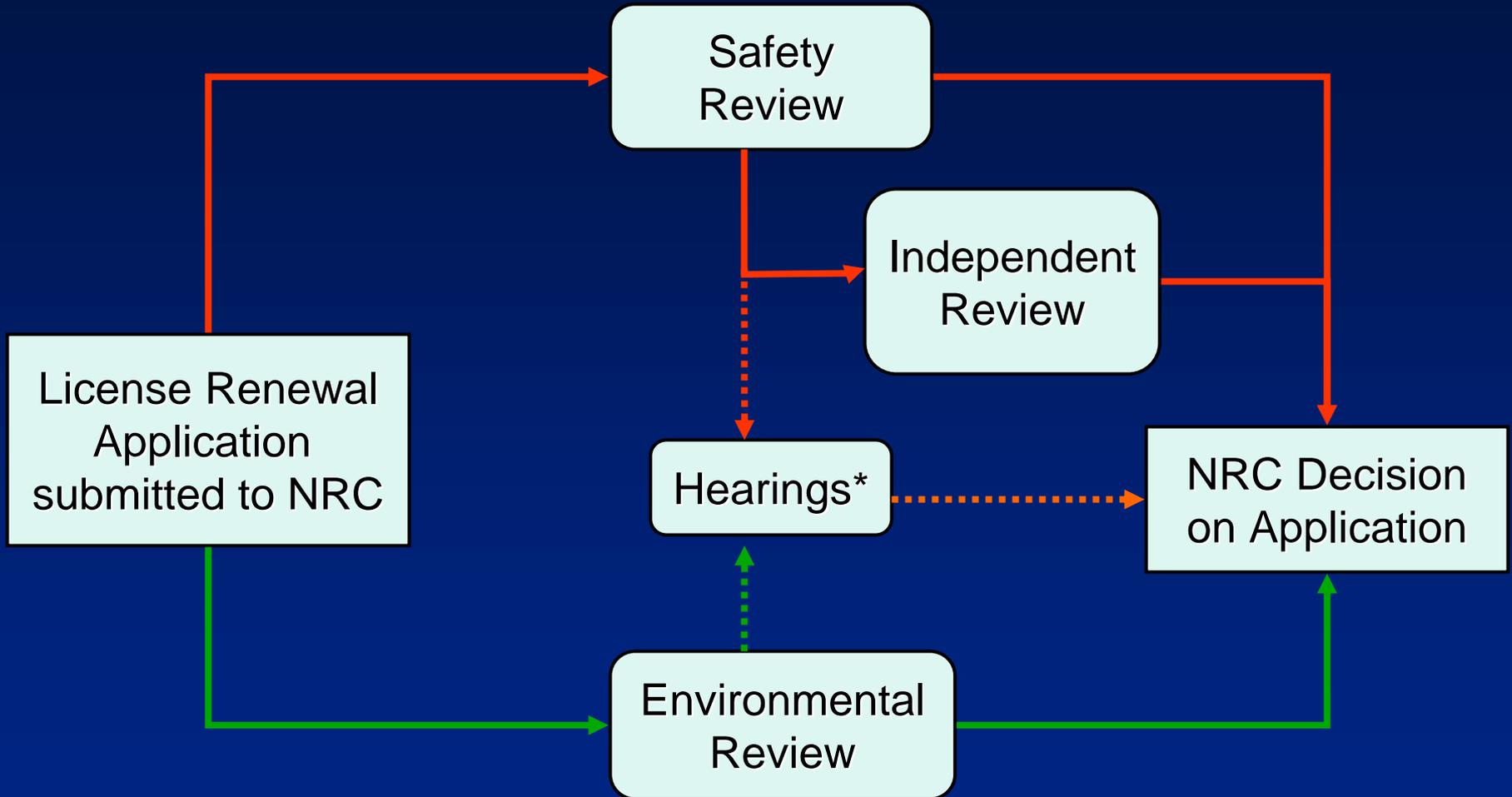
# Ongoing Regulatory Oversight

- Emergency Planning
  - 10 CFR 50.47
  
- Security
  - 10 CFR Part 73
  
- Current Safety Performance

operating reactor performance web site address:

<http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/Kewaunee.html>

# License Renewal Process



\* If a Request for Hearing is Granted

# License Renewal Safety Principles

- The ongoing regulatory process is adequate to ensure the safety of all currently operating plants
- The same plant operating rules apply during the renewal term
  - NRC applies additional conditions for aging management

# Safety Review (10 CFR Part 54)

- Safety Review by NRC technical staff
  - Review application and supporting documentation
  - On-site audits
  - Issue Safety Evaluation Report
- On-site inspections by NRC staff
- Independent review by the Advisory Committee on Reactor Safeguards

# Environmental Review (10 CFR Part 51)

- National Environmental Policy Act (NEPA)
  - Informs Federal decision making
  - Public disclosure of environmental impacts and other considerations
- NRC's Environmental Regulations  
10 CFR Part 51
- Staff prepares an Environmental Impact Statement

# Environmental Impact Statement

## ➤ Staff Evaluates Impacts to Resources

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



# Environmental Review (10 CFR Part 51)

## ➤ Scope

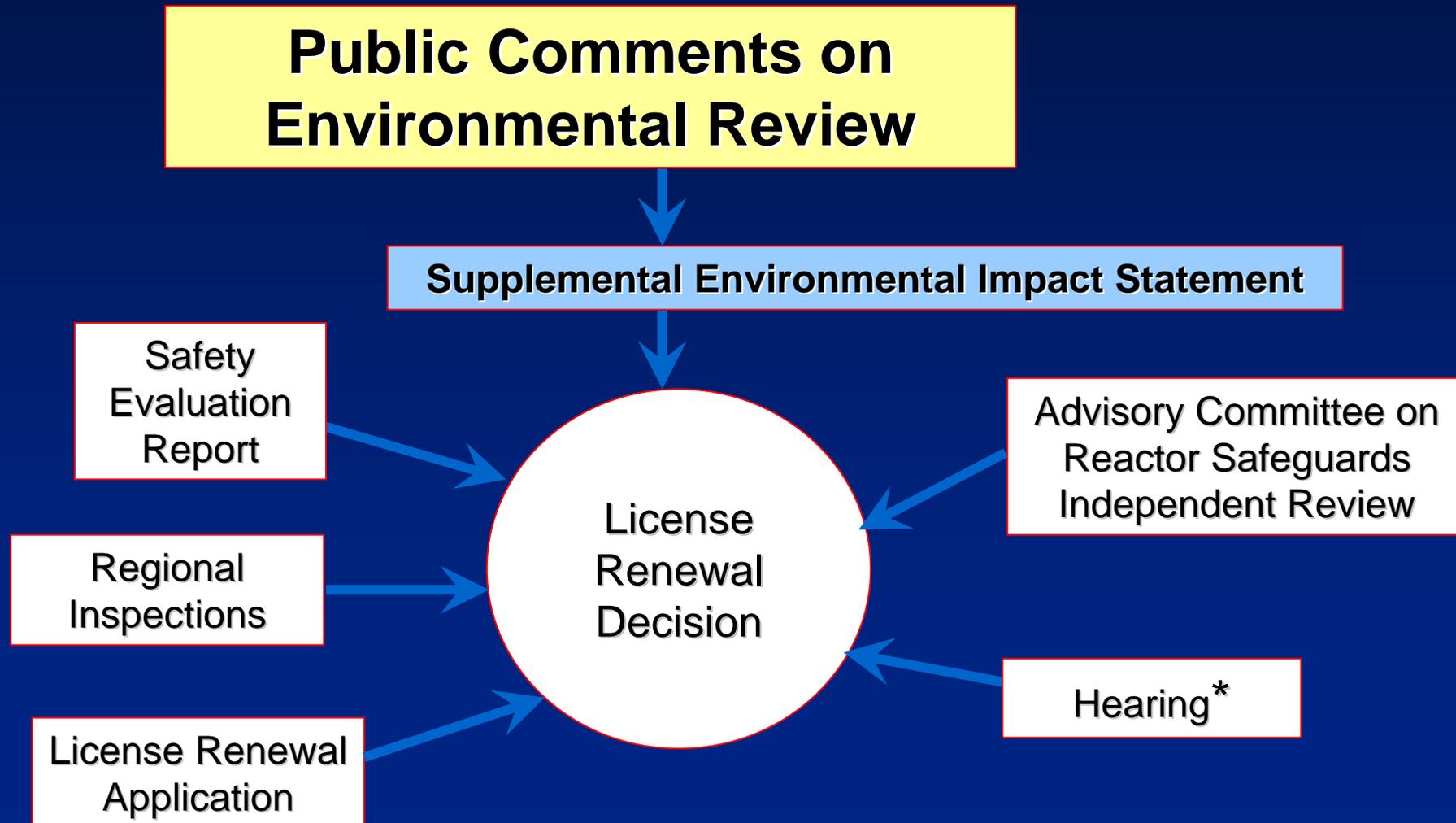
- Generic (Programmatic) Environmental Impact Statement (GEIS)
- Site-specific Supplemental Environmental Impact Statement (SEIS)
- Look at new and significant information on generic conclusions reached in the GEIS



## Scoping and Public Involvement

- What about your community should the NRC focus on in the EIS?
- What local environmental issues should the NRC examine?
- What reasonable alternatives are appropriate for the area?

# Role of Public Comments on Environmental Review



\*If a Request for Hearing is Granted



# Submitting Comments on the Scope of the Environmental Review

- Provide written comments:
  - By mail: Chief; Rules, Directives, and Editing Branch  
Division of Administrative Services  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555
  - E-mail: [Kewaunee.EIS@nrc.gov](mailto:Kewaunee.EIS@nrc.gov)
  - In person: 11545 Rockville Pike  
Rockville, Maryland
  - **Comments should be submitted by Dec. 9, 2008**



# Environmental Review Milestones

- Application Received Aug. 14, 2008
- Notice of Opportunity for Hearing Oct. 1, 2008
- Notice of Intent for Scoping Oct. 9, 2008
- Environmental Scoping Meeting Oct. 22, 2008
- **Hearing Opportunity Closes** Dec. 1, 2008
- **Scoping Comments Due** Dec. 9, 2008
- Draft SEIS Issued Aug. 17, 2009
- Draft SEIS Public Meeting Sept. 23, 2009
- Draft SEIS Comments Due Nov. 4, 2009
- Final SEIS Issued Feb. 12, 2010

## Additional Information

- Environmental Contacts: (800) 368-5642
  - John Daily, ext. 3873
  - Sarah Lopas, ext. 1147
  
- Documents located at:
  - Kewaunee Public Library, 822 Juneau St.,  
Kewaunee, WI
  
- Documents can be viewed at the NRC's Web site:  
[www.nrc.gov/reactors/operating/licensing/renewal/applications.html](http://www.nrc.gov/reactors/operating/licensing/renewal/applications.html)



# Share Your Views

- What about your community should the NRC focus on in the EIS?
- What local environmental issues should the NRC examine?
- What reasonable alternatives are appropriate for the area?