



**U.S.NRC**

UNITED STATES NUCLEAR REGULATORY COMMISSION

*Protecting People and the Environment*

**Limerick Generating Station  
License Renewal Process  
and  
Environmental Scoping Meeting**

**September 22, 2011**

# Meeting Ground Rules

**Rich Barkley, PE,  
Nuclear & Environmental Engineer  
Meeting Facilitator**

- Please sign up on a blue speaker card if you'd like to speak
- To be fair, the amount of time allotted will be limited and based on the number of speakers who sign up
- I will call three speakers at a time to allow adequate time to prepare and to get to the microphone
- The speakers initially called will alternate between elected officials and members of the public

# Meeting Ground Rules

- Please silence all cell phones!
- Please speak clearly into the microphone, your remarks are being transcribed
- Please do not interrupt the speaker or speak when not at the microphone
- Written comments are welcome during and after this meeting – please give them to Lisa Regner
- Please see me if you have questions or concerns regarding the conduct of this meeting

## Purpose of Today's Meeting

- Provide overview of license renewal review process
  - Safety review
  - Environmental review
  
- Receive public input on environmental review

# NRC Regulatory Oversight

- NRC's Governing Statutes
  - Atomic Energy Act
  - National Environmental Policy Act (NEPA)
  
- NRC's Mission
  - Protect Public Health and Safety
  - Promote Common Defense and Security
  - Protect Environment

# Limerick License Renewal

➤ License renewal application received on  
June 22, 2011

Unit 1 - license expires October 26, 2024

Unit 2 - license expires June 22, 2029

# Docketing and Sufficiency of Application

- Acceptance/Sufficiency review
- Review contents of application
  - Technical information
  - Technical Specifications
  - Environmental Report
- Docket

# Ongoing Regulatory Oversight

- Current Safety Performance

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

- Emergency Planning

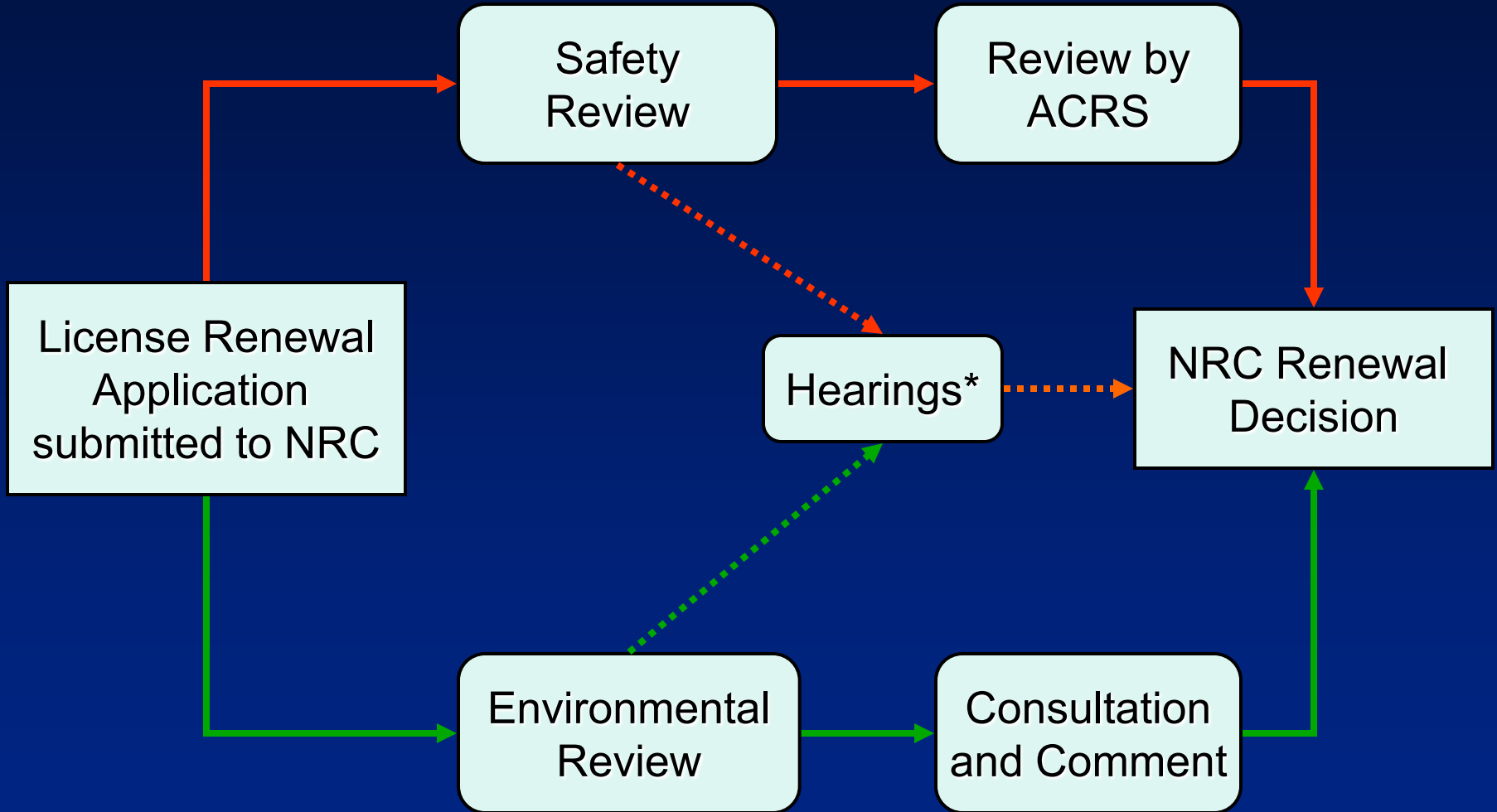
- Security



# NRC Response to Fukushima

- The NRC's response to Fukushima is as a current operating issue
- Increased inspections at operating facilities
- NRC Near-Term Task Force issued its report on July 12
  - Continued operations and continued licensing activities do not pose an imminent risk to public health and safety
- Staff paper on prioritization of task force recommendations due October 3
- More information:
  - <http://www.nrc.gov/japan/japan-info.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 Focus

- Safety review focus is on the effects of aging on:
  - Safety-related systems, structures, and components (SSCs)
  - Nonsafety-related SSCs which, if they failed, could affect safety-related SSC functions
  - SSCs relied upon for compliance with regulations for:
    - Fire protection
    - Environmental qualification
    - Pressurized thermal shock
    - Anticipated transients without scram
    - Station blackout
- Safety review is to determine if aging effects will be effectively managed

# Safety Review Process

- Technical review by NRC 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

# Safety Review Milestones (tentative)

Application Received	June 22, 2011
Notice of Opportunity for Hearing	August 24
Notice of Intent for Scoping	August 26
<b>Environmental Scoping Meeting</b>	<b>September 22</b>
Hearing Opportunity Closes	October 24
Scoping Comments Due	October 28
SER with Open Items	July 2012
ACRS Subcommittee Meeting	September 2012
Final SER Issued	January 2013
ACRS Full Committee Meeting	February 2013
Commission Decision (without hearing)	April 2013

# 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

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





# Environmental Review (10 CFR Part 51)

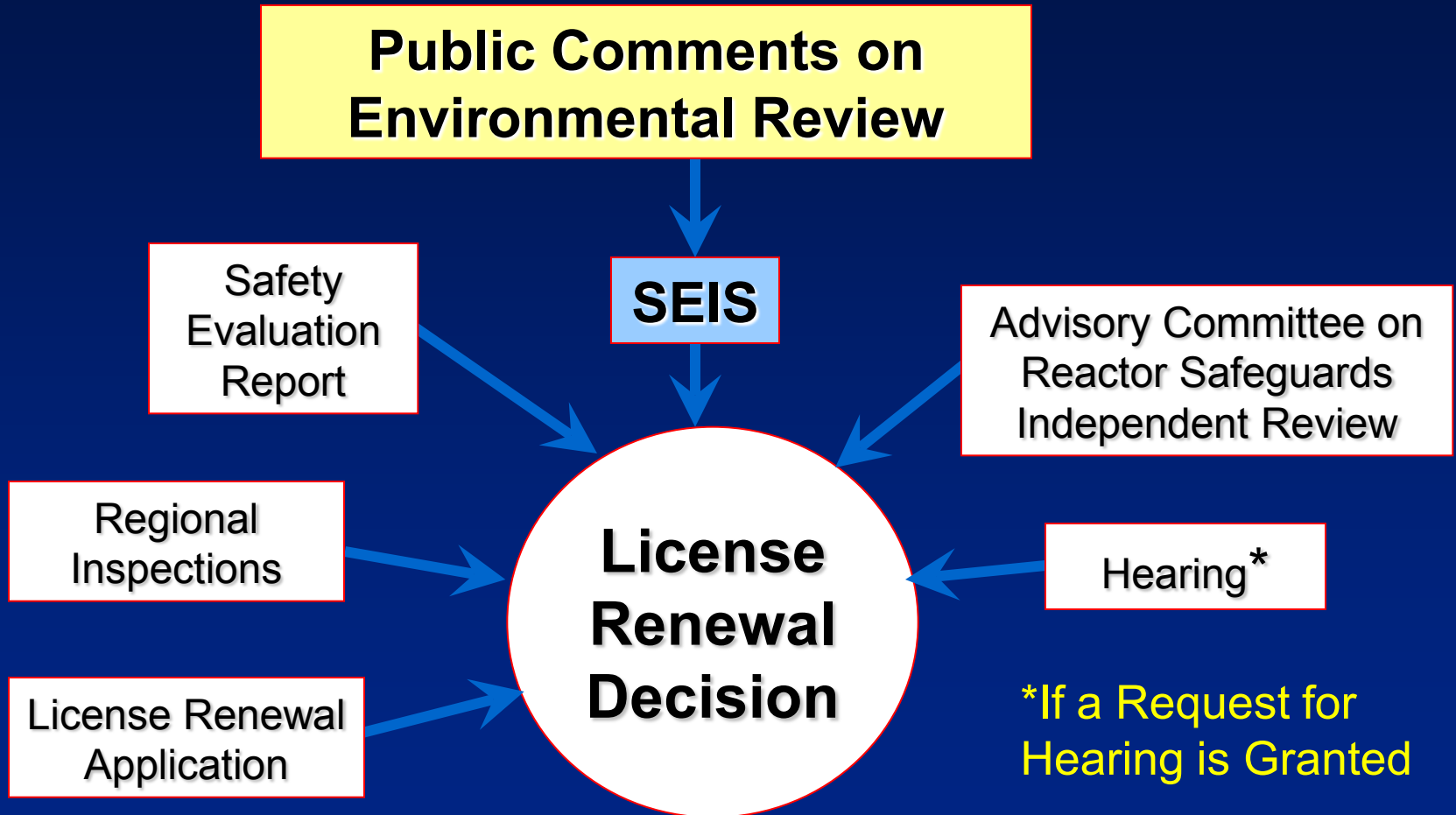
## Scoping Process

- Generic Environmental Impact Statement  
<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1437/>
- Site-specific Supplemental Environmental Impact Statement
- New and significant information on generic conclusions reached in the GEIS

## Scoping and Public Involvement

- What is unique about your community?
- What local environmental issues should the NRC examine?
- What reasonable alternatives are appropriate for the area?

# Role of Public Comments Environmental Review



## How to Submit Comments on the Environmental Review

- ✓ **Online** using the Federal Rulemaking Web Site:

At <http://www.regulations.gov>

Enter Keyword or ID: **NRC-2011-0166**

- ✓ **By fax** (reference Limerick license renewal):

RADB at 301-492-3446

**Comments must be submitted by October 28**

## How to Submit Comments on the Environmental Review

- ✓ **By mail** (please reference Limerick license renewal):

Ms. Cindy Bladey

Chief, Rules, Announcements, and Directives Branch

Office of Administration, Mail stop: TWB-05-B01M

US Nuclear Regulatory Commission

Washington, DC 20555-0001

- ✓ **In person** at NRC Headquarters

**Comments must be submitted by October 28**

# Environmental Review Milestones

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Hearing Opportunity Closes	October 24
Scoping Comments Due	October 28
Draft SEIS Issued	August 2012
Draft SEIS Public Meeting	September 2012
Draft SEIS Comments Due	October 2012
Final SEIS Issued	February 2013

## Project Manager Information

**Lisa Regner**

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[Robert.Kuntz@nrc.gov](mailto:Robert.Kuntz@nrc.gov)

## Where to view documents

Documents located at:

- **Pottstown Regional Public Library**  
500 East High Street  
Pottstown, PA 19464-5656
- **Royersford Free Public Library**  
200 South 4<sup>th</sup> Avenue  
Royersford, PA 19468-2548

Documents can be viewed on the NRC's Web site:  
[www.nrc.gov/reactors/operating/licensing/renewal/applications.html](http://www.nrc.gov/reactors/operating/licensing/renewal/applications.html)





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## Environmental Scoping Comments