

**U.S. NRC**

UNITED STATES NUCLEAR REGULATORY COMMISSION

*Protecting People and the Environment*

**LaSalle County Station, Units 1 and 2  
License Renewal Process and  
Environmental Scoping Meeting**



## Meeting Details

- Exelon has applied to renew the LaSalle County Station operating licenses.
- The NRC:
  - Is reviewing that application
  - Will review the environmental impacts of license renewal and
  - Wants input from you to focus the review



# Meeting Agenda

- NRC presentation
- Questions & Answers about the presentation materials
- Public Comments

## Ground Rules

- Speak into a microphone
- Identify yourself and your group
- Minimize background noise
- Silence personal electronics

## 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

## **LaSalle County Station License Renewal**

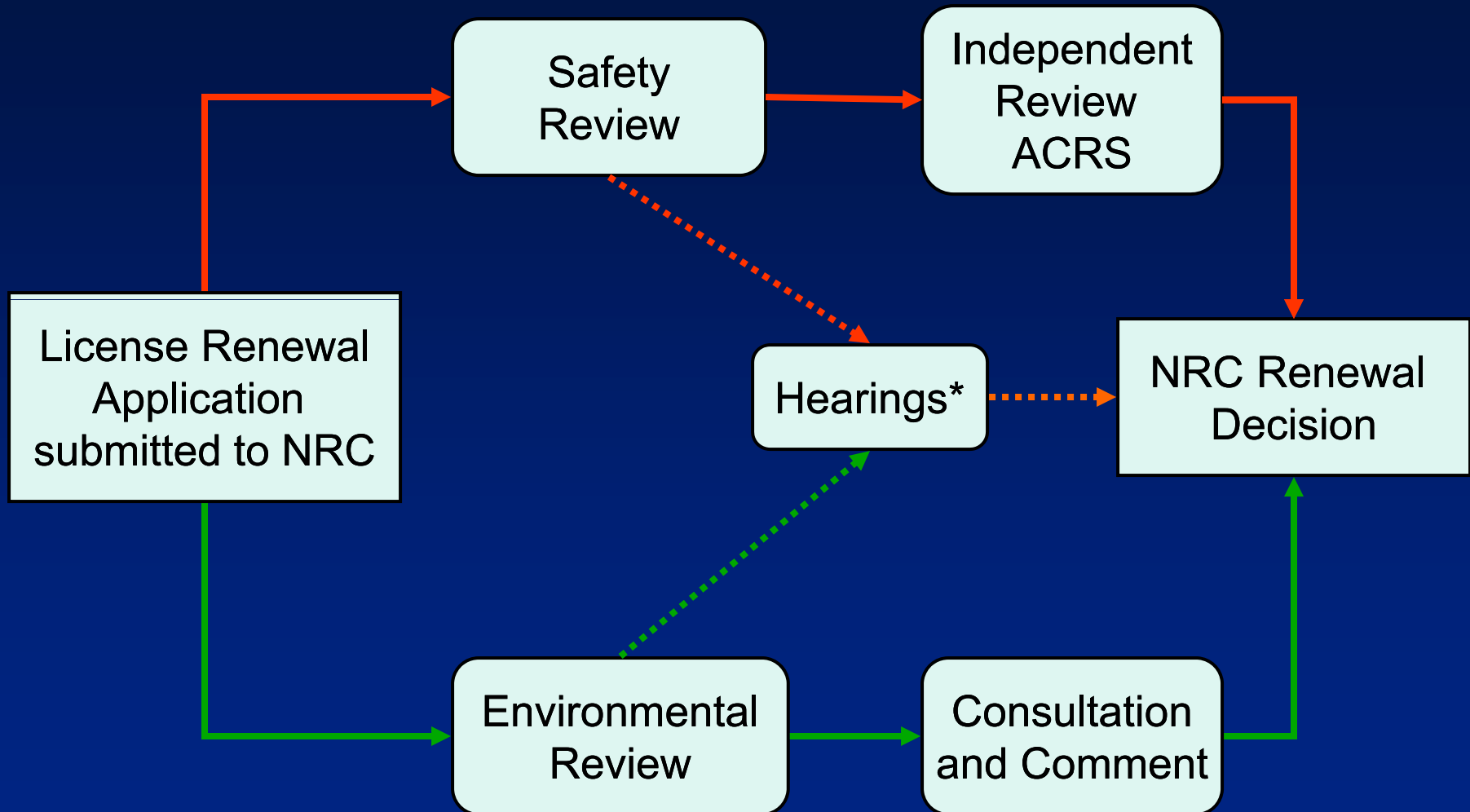
- Renewal application dated 12/9/2014
  
- LaSalle County Station, Units 1 and 2
  - Unit 1, license expires 4/17/22
  - Unit 2, license expires 12/16/23

## Acceptance and Sufficiency of Application

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



# 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	December 9, 2014
Notice of Opportunity for Hearing	February 3, 2015
<b>Hearing Opportunity Closes</b>	<b>April 6, 2015</b>
SER with Open Items	January 2016
ACRS Subcommittee Meeting	March 2016
Final SER Issued	August 2016
ACRS Full Committee Meeting	September 2016
Commission Decision (without hearing)	November 2016

- 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



## Purpose and Need for Proposed Federal Action

- Proposed action: Issuance of a renewed license.
- The purpose and need is to provide a power generation option beyond the current license to meet future system generating needs, as determined by energy-planning decisionmakers.
- The NRC does not have a role in the energy-planning decisions of state regulators and utility officials.

# Environmental Impact Statement

## ➤ Analyze Impacts to

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





# Environmental Review Scope

## Scoping Process

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

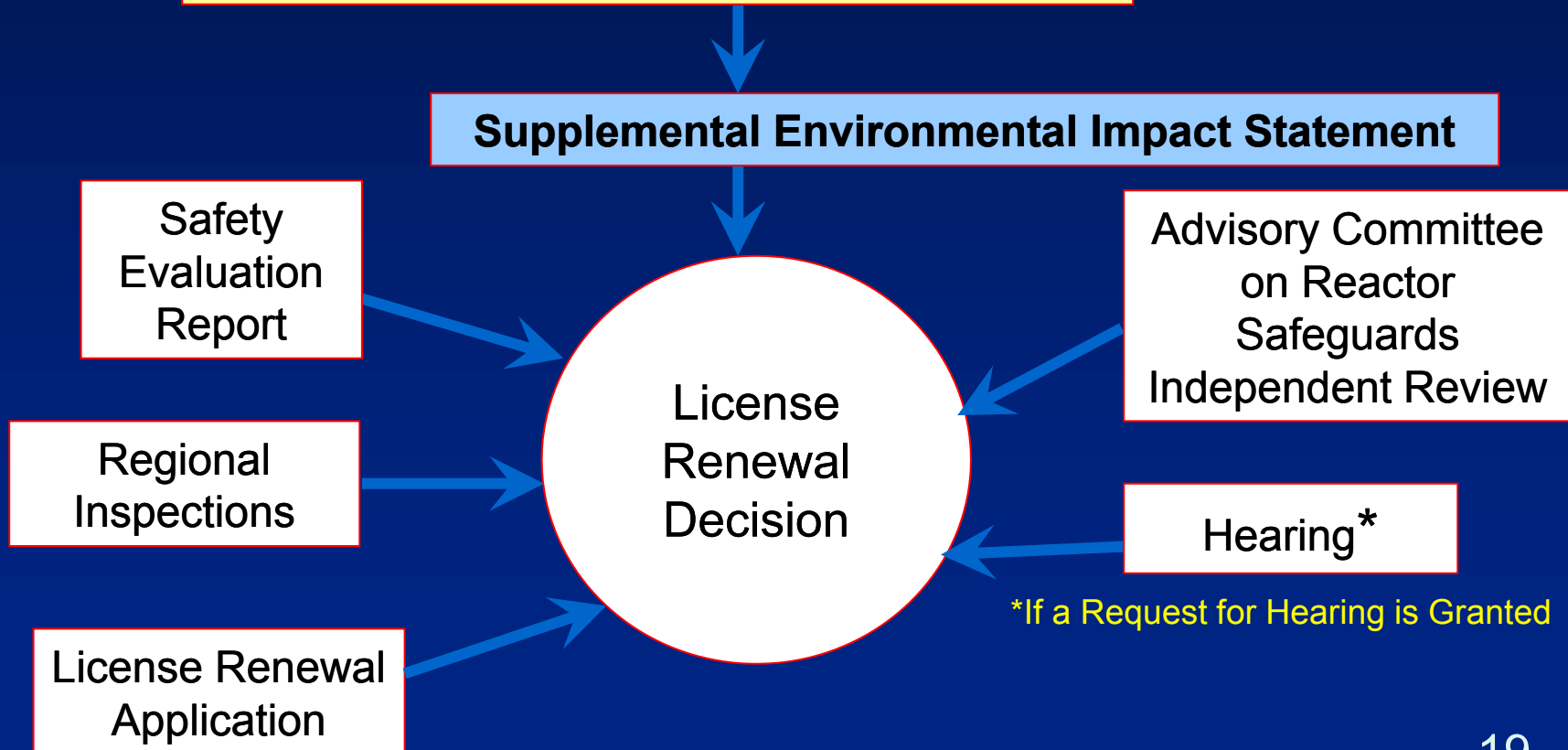


## Scoping and Public Involvement

- 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

## Public Comments on Environmental Review



# Ongoing Regulatory Oversight

## ➤ Current Safety Performance

operating reactor performance web site:

[http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/LASA1/lasa1\\_chart.html](http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/LASA1/lasa1_chart.html)

[http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/LASA2/lasa2\\_chart.html](http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/LASA2/lasa2_chart.html)

## ➤ Emergency Preparedness

## ➤ Security



## Environmental Review Milestones (tentative)

- Application Received December 9, 2014
- Notice of Receipt and Availability December 18, 2014
- Notice of Intent for Scoping February 3, 2015
- Environmental Scoping Meeting March 10, 2015
- **Scoping Comments Due April 6, 2015**
- Draft SEIS Issued February 2016
- Draft SEIS Public Meeting March 2016
- Draft SEIS Comments Due April 2016
- Final SEIS Issued August 2016

Review schedule can be viewed at the NRC web site:

<http://www.nrc.gov/reactors/operating/licensing/renewal/applications/lasalle.html>



## Submitting Comments on the Scope of the Environmental Review

### ➤ Provide written comments:

- ✓ By mail: Chief, Rules, Announcements and Directives Branch  
Division of Administrative Services  
Mailstop 3WFN-06A44MP  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555
  
- ✓ Website: <http://www.regulations.gov>,  
Docket ID NRC-2014-0268
  
- ✓ In person: 11545 Rockville Pike, Rockville, Maryland

**Comments must be submitted by April 6**



## Additional Information

- Environmental Contact:
  - David Drucker, (800) 368-5642, ext. 6223
  - David.Drucker@nrc.gov
- Safety Contact:
  - Jeff Mitchell, (800) 368-5642 ext. 3019
  - Jeffrey.Mitchell2@nrc.gov
- Documents located at:
  - Reddick, Marseilles, Seneca Public Libraries
- Documents can be viewed at the NRC site:  
<http://www.nrc.gov/reactors/operating/licensing/renewal/applications/lasalled.html>