

## **TWO PEOPLE WILL FACILITATE THIS MEETING**

- **BOB HAGAR**
- **GERRI FEHST**

## **THIS MEETING HAS THREE PARTS**

- **PRESENTATION FROM THE NRC STAFF**
- **QUESTIONS AND ANSWERS ABOUT THE PRESENTATION**
- **PUBLIC INPUT TO THE SCOPING PROCESS**

## **GROUND RULES ARE NECESSARY**

- **TO SPEAK, USE A MICROPHONE**
- **THE FIRST TIME YOU SPEAK, IDENTIFY YOURSELF**
- **DON'T HOLD SIDE CONVERSATIONS & DON'T INTERRUPT**
- **SILENCE YOUR CELL PHONE**

## **NRC STAFF MEMBERS ARE PRESENT**

<b>Emmanuel Sayoc</b>	<b>Environmental Project Manager</b>
<b>Mark Yoo</b>	<b>Safety Project Manager</b>
<b>Nancy Martinez</b>	<b>Technical Reviewer in the Division of License Renewal</b>
<b>David Wrona</b>	<b>Branch Chief in the Division of License Renewal</b>
<b>Joey Ledford</b>	<b>Public Affairs Officer from the NRC regional office in Atlanta</b>
<b>Galen Smith</b>	<b>Senior Resident Inspector at Sequoyah</b>
<b>Wesley Deschaine</b>	<b>Resident Inspector at Sequoyah</b>



## **Sequoyah Nuclear Plant Units 1 and 2 License Renewal Process and Environmental Scoping Meeting**

**April 3, 2013**



### **Purpose of Today's Meeting**

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

6



## 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

7



## Ongoing Regulatory Oversight

- Current Safety Performance  
<http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>
  
- Emergency Planning
  
- Security

8



## Sequoyah License Renewal Review

- License renewal application received on January 15, 2013
  - Unit 1 license expires September 17, 2020
  - Unit 2 license expires September 15, 2021

9

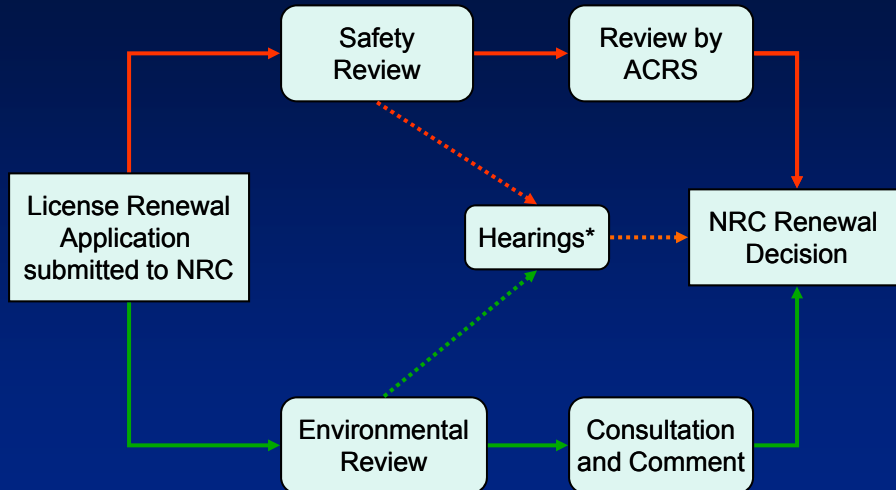


## Docketing and Sufficiency of Application

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

10

## License Renewal Process



\* If a Request for Hearing is Granted

11

## 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

12

## 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
- Safety review is to determine if aging effects will be effectively managed

13

## 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

14



## Safety Review Milestones (tentative)

Application Received	January 15, 2013
Notice of Opportunity for Hearing	March 5, 2013
<b>Process Overview &amp; Environmental Scoping Meeting</b>	<b>April 3, 2013</b>
Hearing Opportunity Closes	May 6, 2013
SER with Open Items	April 2014
ACRS Subcommittee Meeting	June 2014
Final SER Issued	November 2014
ACRS Full Committee Meeting	January 2015
Commission Decision (without hearing)	February 2015

15



## 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

16



## 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 (GEIS)

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1437/>

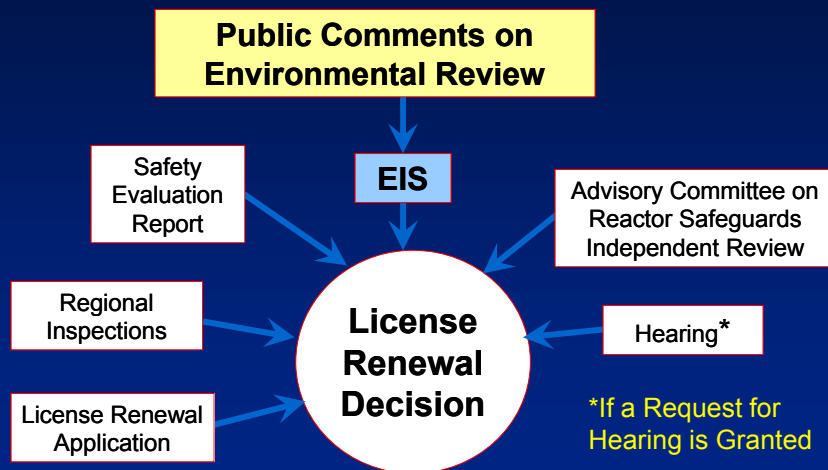
- Site-specific Supplemental Environmental Impact Statement
- New and significant information on generic conclusions reached in the GEIS

## 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?

19

## Role of Public Comments Environmental Review



20



## How to Submit Comments on the Environmental Review

✓ **Online** at <http://www.regulations.gov>

Enter Keyword : **NRC-2013-0037**

✓ **By fax** (reference Sequoyah license renewal):  
“RADB” at 301-492-3446

Comments will not be edited to remove identifying information

**Submit Comments by May 3, 2013.**

21



## How to Submit Comments on the Environmental Review

✓ **By mail** (please reference Sequoyah 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 May 3, 2013**

22



## Environmental Review Milestones

Application Received	January 15, 2013
Notice of Opportunity for Hearing	March 5, 2013
Notice of Intent for Scoping	March 8, 2013
<b>Environmental Scoping Meeting</b>	<b>April 3, 2013</b>
Scoping Comments Due	May 3, 2013
Hearing Opportunity Closes	May 6, 2013
Draft SEIS Issued	February 10, 2014
Draft SEIS Public Meeting	February 26, 2014
Draft SEIS Comments Due	March 28, 2014
Final SEIS Issued	September 30, 2014

23



## Where to view documents

Documents located at:

- Chattanooga-Hamilton County Library, Northgate Branch, 520 Northgate Mall, Chattanooga, TN 37415
- Chattanooga-Hamilton County Library, Downtown Branch, 1001 Broad St., Chattanooga, TN 37402
- Signal Mountain Library, 1114 James Blvd., Signal Mountain, TN 37377

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)

24



## **Project Manager Information**

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25



## **Sequoyah Nuclear Generation Station License Renewal**

Environmental Scoping Comments