

U.S. NRC
UNITED STATES NUCLEAR REGULATORY COMMISSION
Protecting People and the Environment

Public Scoping Meeting Bellefonte Nuclear Plant Units 3 and 4 Combined License Application

Jim Lyons, Director

Mallecia Hood, Project Manager

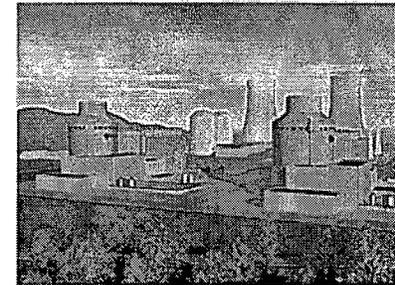
Division of Site and Environmental Reviews

April 3, 2008

Purposes of the meeting

- Solicit input to the environmental scoping process
- Explain what the NRC does during the review of a combined license application
- Discuss schedule
- Describe how you can participate in the regulatory process

Participants in NRC Licensing Process



NRC

- Commissioners
- Staff members
- Hearing Boards
- Advisory Committee on Reactor Safeguards

Stakeholders

- Residents of the community
- Public interest groups
- Other federal agencies
- State entities
- Local officials
- Tribal officials and others

License Applicant

- Tennessee Valley Authority (TVA)

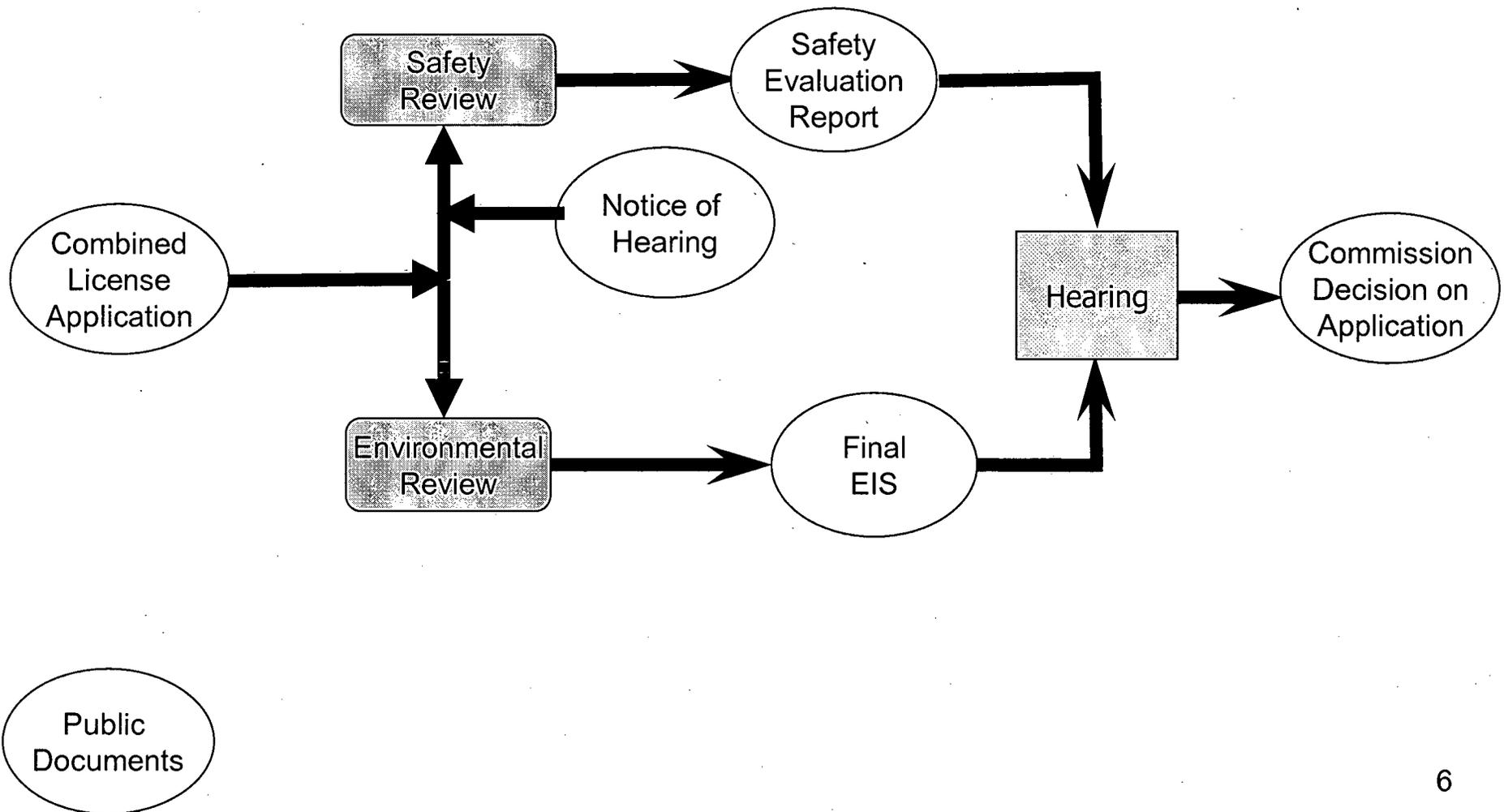
Combined License (COL)

- Authorization from the NRC to construct and operate a nuclear power plant at a specific site and in accordance with law and regulations
- TVA submitted an application for a combined license for Bellefonte Nuclear Plant Units 3 & 4 on October 30, 2007

Reviews of Bellefonte COL Application / AP1000 DC

- NRC review has three primary components:
 - Bellefonte COL Application:
 - Site-specific safety review of the AP1000 design as located at Bellefonte
 - Environmental impacts of Units 3 and 4 at Bellefonte
 - Generic change to AP1000 certified design

Combined License Application Review Process



Safety Review

- Design of facility
- Site suitability (safety)
- Quality assurance
- Physical security (with DHS)
- Emergency preparedness (with FEMA)
- Operator Training



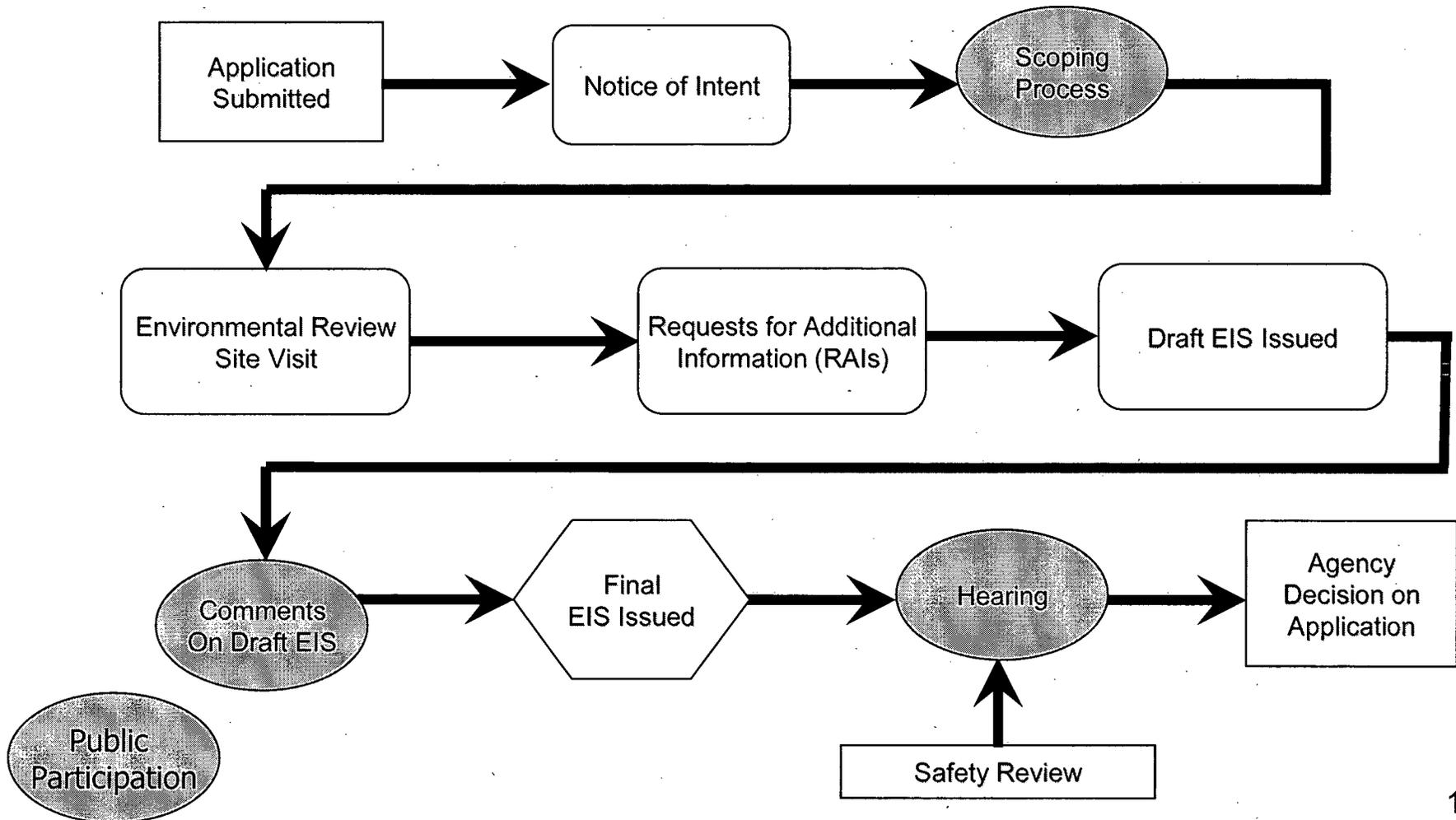
National Environmental Policy Act

- NEPA requires Federal agencies to use a systematic approach to consider environmental impacts
- An Environmental Impact Statement (EIS) is required for major Federal actions that may significantly affect the quality of the human environment
- Issuing a combined license is considered a major Federal action

NRC Environmental Review

- Evaluate environmental impacts of construction and operation at Bellefonte
- Informed and systematic decision making
 - NUREG-1555, “Environmental Standard Review Plan” provides guidance for review
- Provide for public involvement
- Clearly document our environmental findings
- Maintain an open and transparent review process

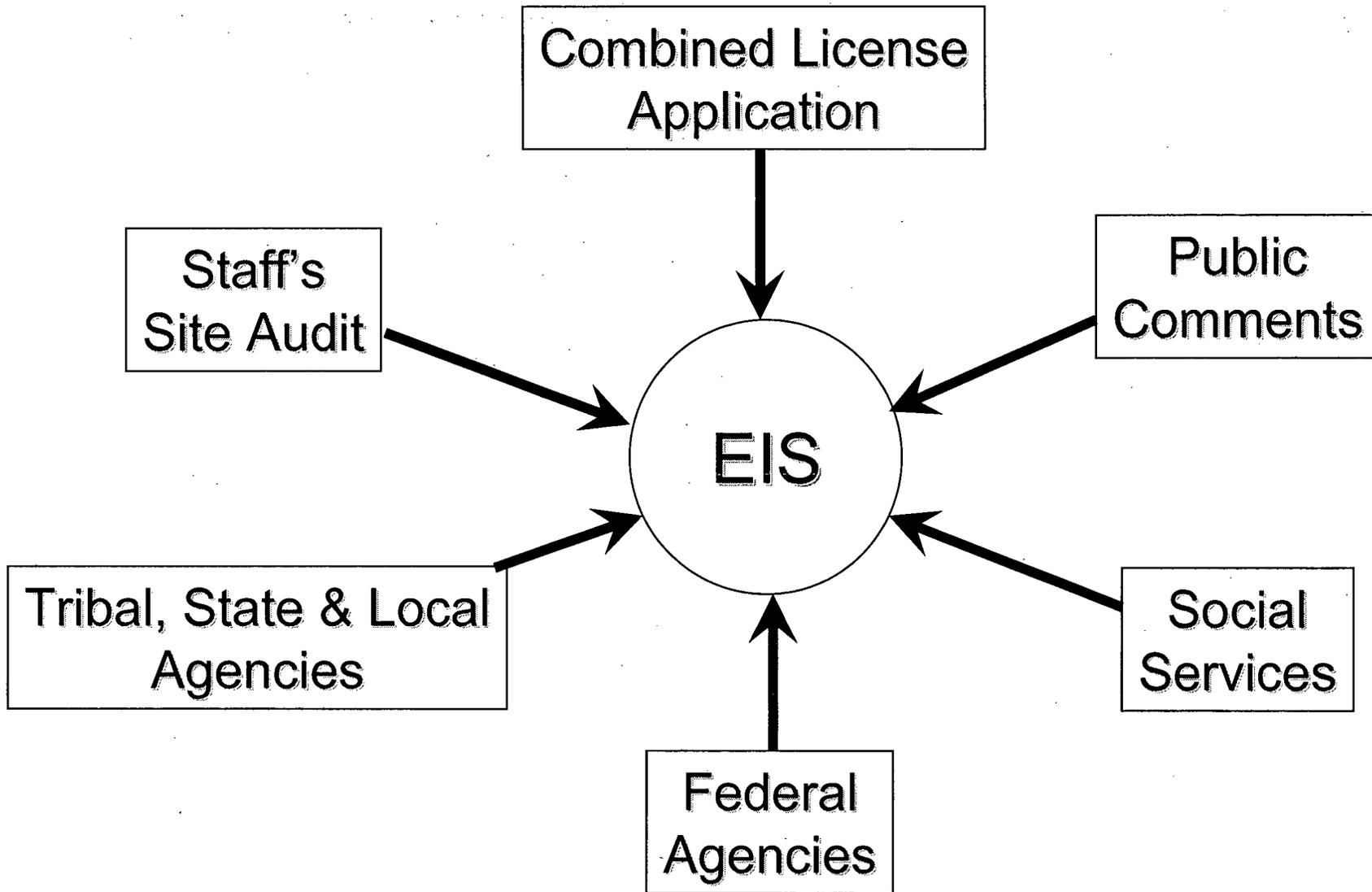
Environmental Review Process



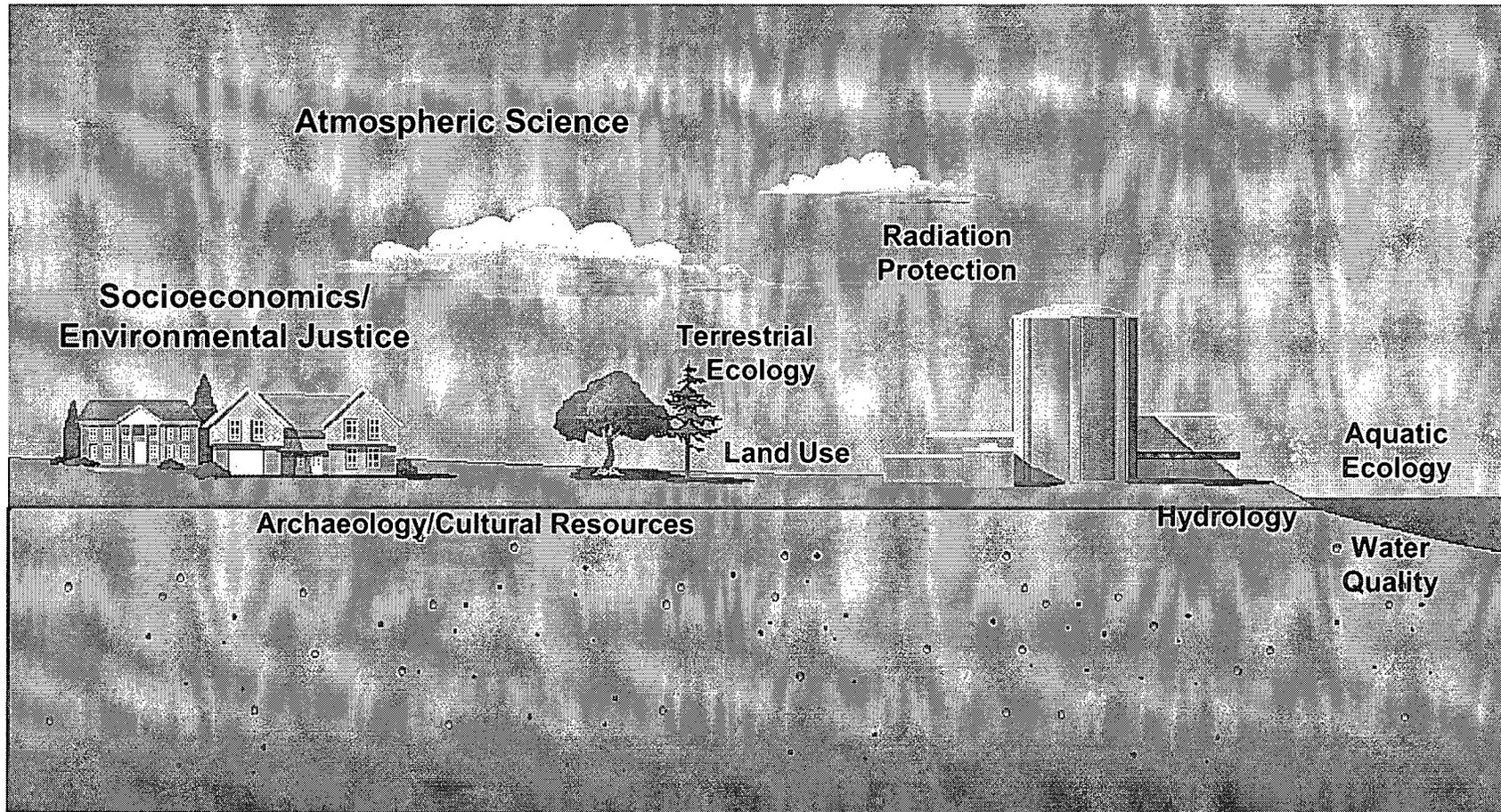
Environmental Scoping

- This process helps determine the scope of the review
- Comments during the scoping period can be provided through April 25, 2008
- Scoping Summary Report will provide responses to comments received

Information Gathering



Environmental Review Team Expertise



Environmental Review Schedule

- Review of the Environmental Report started
- Site environmental audit in progress
- Scoping period in progress
 - Notice of Intent published February 21, 2008
 - Comment period ends April 25, 2008
- Issue Draft EIS – Spring 2009
- Public Meeting on Draft EIS – Spring 2009
- Issue Final EIS – Winter 2010



Environmental Scoping Comments

- Provide Scoping Comments

- By mail: Chief, Rules and Directives Branch
Division of Administrative Services
Mailstop T-6D59
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

- E-mail: Bellefonte.COLEIS@nrc.gov

- In person: 11545 Rockville Pike
Rockville, Maryland 20852

Hearing

- Notice of opportunity to request a hearing or petition for leave to intervene issued on February 8, 2008
- Deadline to file petition to intervene – April 8, 2008
- Instructions for e-filing are on the website and in the hearing notice
 - E-filing is required by Commission regulations
 - Need a digital certificate or a waiver from that requirement
- Hearing covers both safety and environmental issues

Public Involvement

- Public interaction during environmental review
 - Comment periods (scoping ends April 25, 2008)
 - Public meetings for scoping and on the Draft EIS
 - Access to review results (Draft and Final EIS)
- Hearing
 - Opportunity to intervene was published on February 8; deadline to file petition to intervene is April 8, 2008
 - Hearing covers both safety and environmental issues
- Obtain information at www.nrc.gov/reactors/new-licensing/col/bellefonte.html

NRC Contacts

- Mallecia Hood, Environmental Project Manager
 - 1 (800) 368-5642, extension 0673
- Joe Sebrosky, Safety Project Manager
 - 1 (800) 368-5642, extension 1132

Documents can be viewed on NRC's website at www.nrc.gov/reactors/new-reactor-licensing.html, or at Scottsboro Public Library in Scottsboro, AL