



U.S.NRC

United States Nuclear Regulatory Commission

Protecting People and the Environment

**Public Scoping Meeting
Harris Nuclear Power Plant
Units 2 and 3
Combined License Application**

William Burton, Branch Chief
Donald Palmrose, Sr. Project Manager
Division of Site and Environmental Reviews

June 10, 2008



U.S.NRC

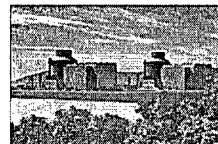
United States Nuclear Regulatory Commission

Protecting People and the Environment

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 of environmental review
- 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

- Progress Energy Carolinas, Inc. (PEC)

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
- Progress Energy submitted an application for a combined license for Harris Nuclear Power Plant Units 2 & 3 on February 18, 2008

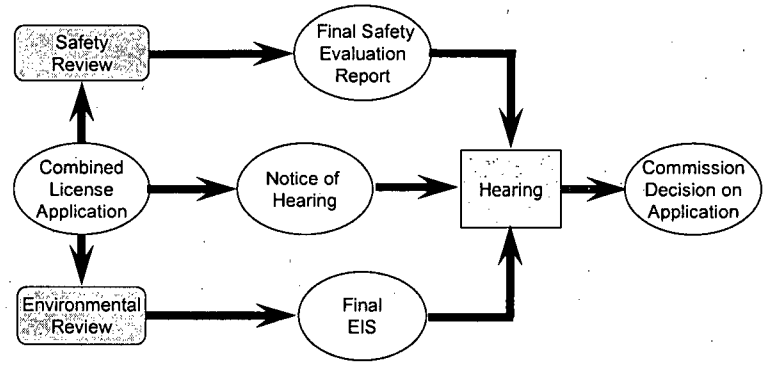
Relevant Laws & Regulations

- Atomic Energy Act (Primary Law)
- Title 10 of the Code of Federal Regulations (Key Regulations)
- National Environmental Policy Act (NEPA)

Reviews of Harris Combined License Application and AP1000 Design Certification

- NRC review has three primary components:
 - Harris COL Application:
 - Site-specific safety review of the AP1000 design as located at Harris
 - Environmental impacts of Units 2 and 3 at Harris
 - Certified Design - AP1000
 - 3-year detailed review of generic 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

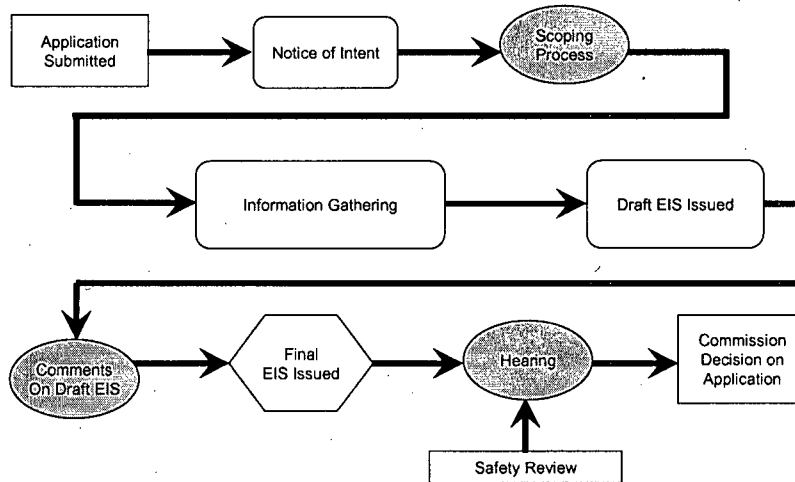
National Environmental Policy Act

- 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 Harris
- Informed and systematic decision making
 - 10 CFR Part 51 – NRC's regulations for implementing NEPA
 - NUREG-1555, "Environmental Standard Review Plan" provides review guidance
- Provide for public involvement –
 - Scoping comment period
 - Draft EIS comment period
- Clearly document our environmental findings
- Maintain an open and transparent review process

Environmental Review Process



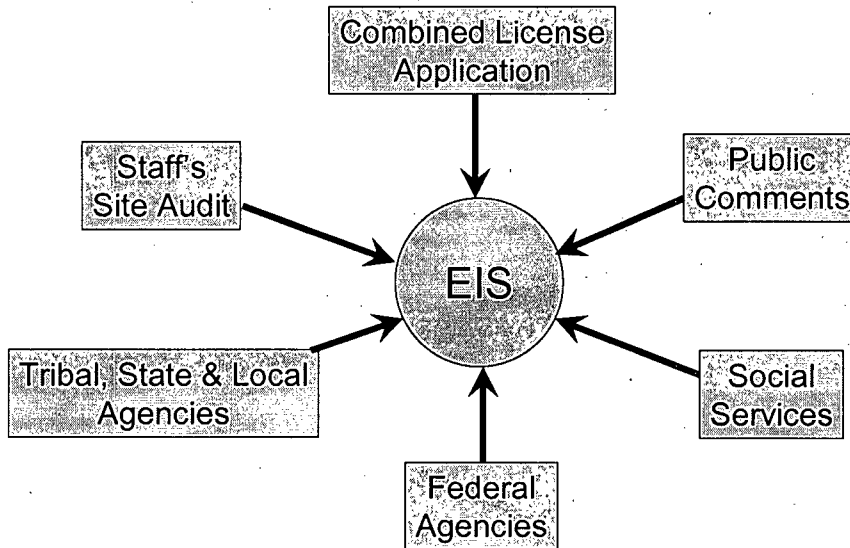
11

Environmental Scoping

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

12

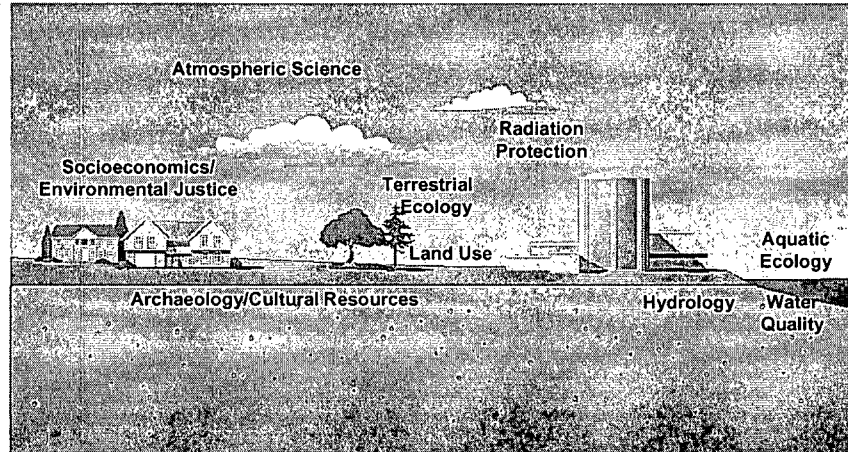
Information Gathering



EIS Review Areas

- Affected Environment
- Site Layout & Plant Description
- Construction Impacts at the Proposed Site
- Operational Impacts at the Proposed Site
- Fuel Cycle, Transportation & Decommissioning
- Cumulative Impacts
- Need for Power
- Environmental Impacts of Alternatives
- Comparison of Proposed Action and Alternative Sites

Environmental Review Team Expertise



15

Environmental Review Schedule

- Review of the Environmental Report started
- Site environmental audit scheduled
- Scoping period in progress
 - Notice of Intent published May 23, 2008
 - Comment period ends July 25, 2008
- Issue Draft EIS – June 2009
- Public Meeting on Draft EIS – August 2009
- Issue Final EIS – May 2010

16

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: Harris.COLEIS@nrc.gov
 - In person: 11545 Rockville Pike
Rockville, Maryland 20852

17

Hearing

- Petition to intervene
 - Deadline to file is **60 days** from Federal Register Notice publication (August 4, 2008)
- Digital certificate or waiver required for filing a petition
- Instructions for e-filing are in the hearing notice and at www.nrc.gov/site-help/e-submittals.html
- Allow 10 business days for obtaining the digital certificate

18

Public Involvement

- **Public interaction during environmental review**
 - Comment periods
 - Scoping period ends July 25, 2008
 - Summer 2009 for Draft EIS
 - Public meetings for scoping and on the Draft EIS
 - Access to review results (Draft and Final EIS)
- **Hearing**
 - Opportunity to intervene was published on June 4, 2008; deadline to file petition to intervene is August 4, 2008
 - Hearing covers both safety and environmental issues
- **Obtain information at:**
www.nrc.gov/reactors/new-licensing/col/harris.html

NRC Contacts

- **Donald Palmrose, Environmental Project Manager**
 - 1 (800) 368-5642, extension 3803
- **Manny Comar, Safety Project Manager**
 - 1 (800) 368-5642, extension 3863

Documents can be viewed on NRC's website at:
www.nrc.gov/reactors/new-licensing/col/harris.html,
or at Eva H. Perry Library, West Regional Library,
and Holly Springs Library

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: Harris.COLEIS@nrc.gov

- In person: 11545 Rockville Pike
Rockville, Maryland 20852