



Public Scoping Meeting Callaway Plant Unit 2 Combined License Application Environmental Review

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Division of Site and Environmental Reviews

February 18, 2009

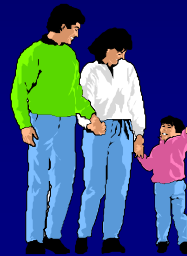
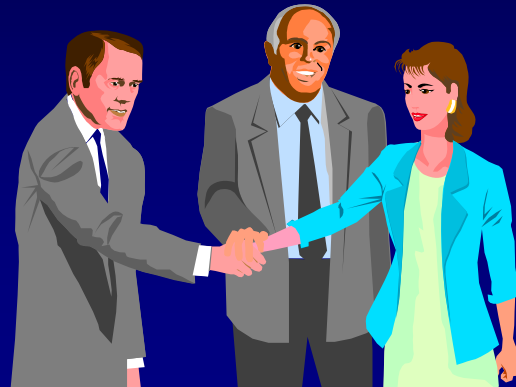


Purposes and Overview of this Meeting

- **Solicit your input to the environmental scoping process**
- **Discuss combined license application review process**
- **Explain NRC's National Environmental Policy Act (NEPA) process during review of a combined license application**
- **Present tentative schedule for environmental review**
- **Describe how you can participate in the regulatory process**



Participants in NRC Licensing Process for Callaway Plant Unit 2



NRC

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

Stakeholders

- Residents of the community
- Public interest groups
- Other Federal agencies
- Tribal councils
- State entities
- U.S.-Canada joint commissions
- Local officials and others

License Applicant

- AmerenUE



Relevant Statutes & Regulations

The NRC regulates civilian uses of nuclear materials to protect the public health and safety and the environment

- **Atomic Energy Act of 1954, as amended**
- **National Environmental Policy Act (NEPA) of 1969**
- **Title 10 of the Code of Federal Regulations (CFR), Parts 51 and 52**
- **Other statutes and regulations**



Combined License (COL)

Authorization from the NRC to construct and operate a nuclear power plant at a specific site and in accordance with applicable Federal statutes and regulations

- **AmerenUE submitted an application for a COL for the Callaway Plant Unit 2 on July 24, 2008.**
- **AmerenUE's COL application includes the Proposed Project's Environmental Report.**



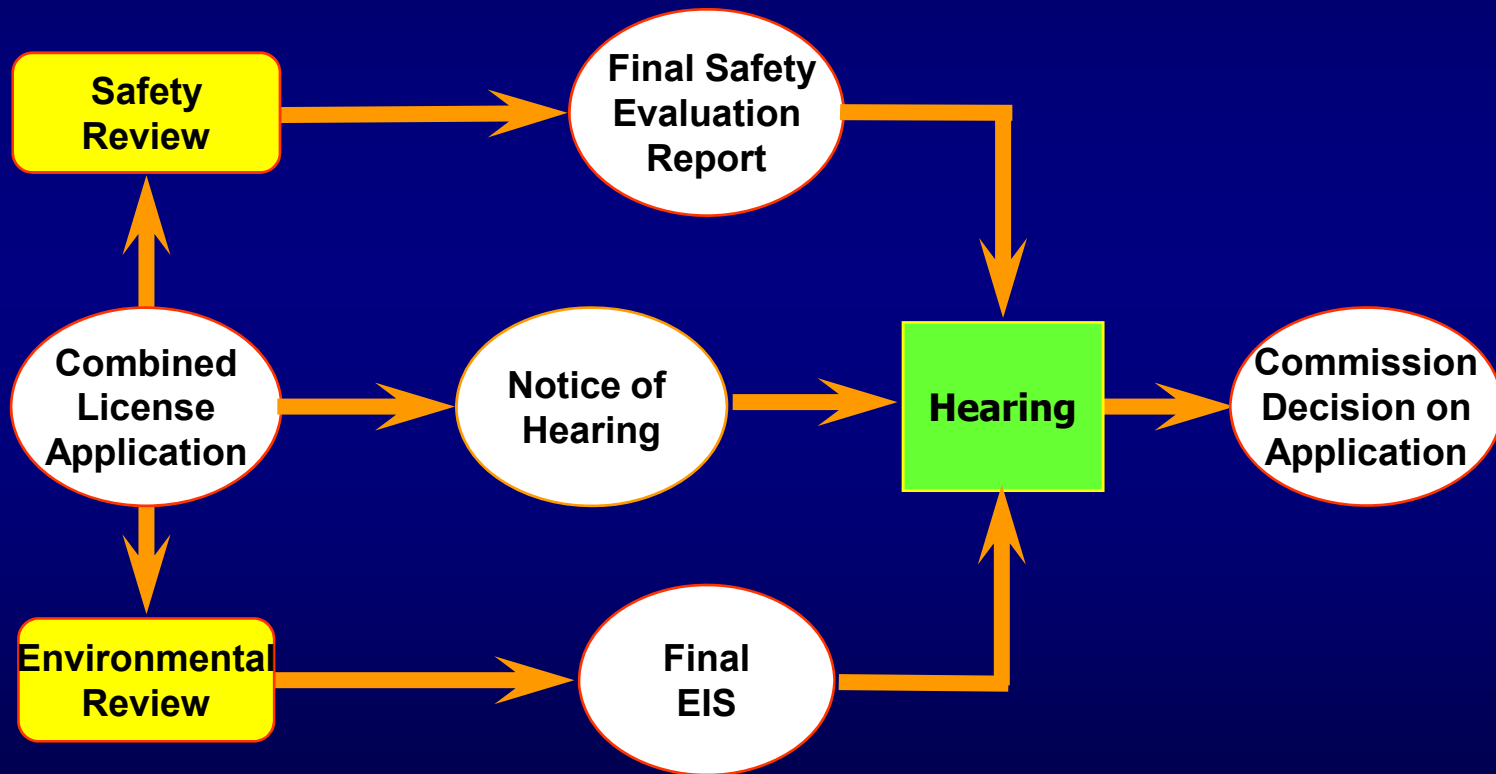
Nuclear Reactor Design and COL Application Reviews

- **Standard Design Certification Review (ongoing)**
 - **AREVA NP INC.– U.S. EPR (U.S. Evolutionary Power Reactor)**

- **COL Application Review**
 - **Safety Review for EPR design at the Callaway Plant site**
 - **Environmental Review of potential impacts of Callaway Plant Unit 2 construction and operation at the existing Callaway site**



Combined License Application Review Process





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.**



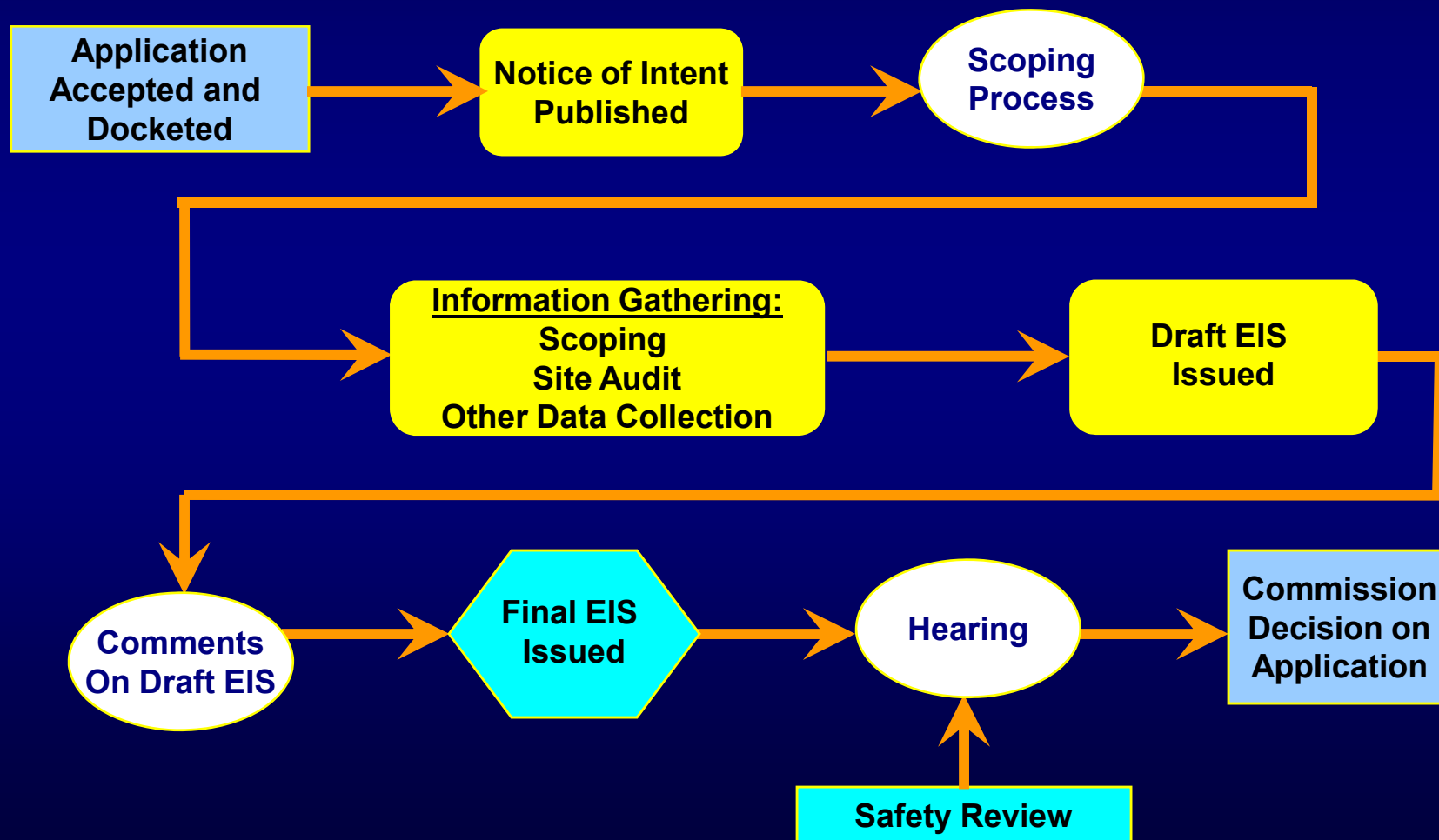
NRC's Environmental Review:

- **Evaluates potential environmental impacts of construction and operation of a new nuclear facility at the Callaway site.**
- **Is systematic and informed by:**
 - **10 CFR Part 51 - NRC's regulations for implementing NEPA,**
 - **NUREG-1555 - NRC's "*Environmental Standard Review Plan*," which provides review guidance.**
- **Provides for public involvement by incorporating**
 - **Scoping comment period,**
 - **Draft EIS comment period.**
- **Clearly documents the environmental findings.**
- **Maintains an open and transparent review process.**



Environmental Review Process

Environmental Review Process



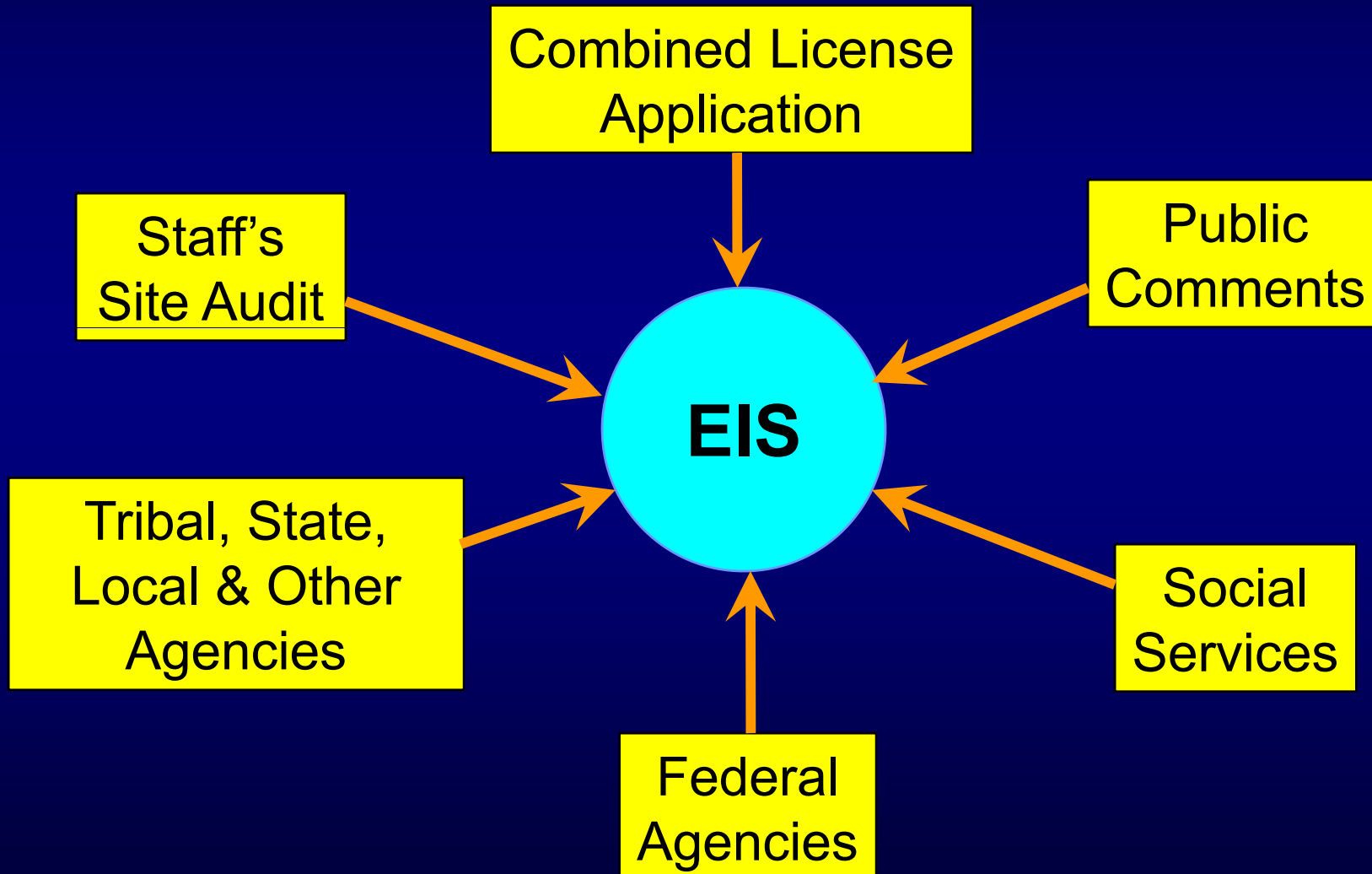


Callaway Plant Unit 2 Environmental Scoping

- **This process helps determine the scope of the environmental review and EIS.**
- **Comments during the scoping period can be provided through March 24, 2009.**
- **The Scoping Summary Report will provide responses to comments received (~July 2009).**

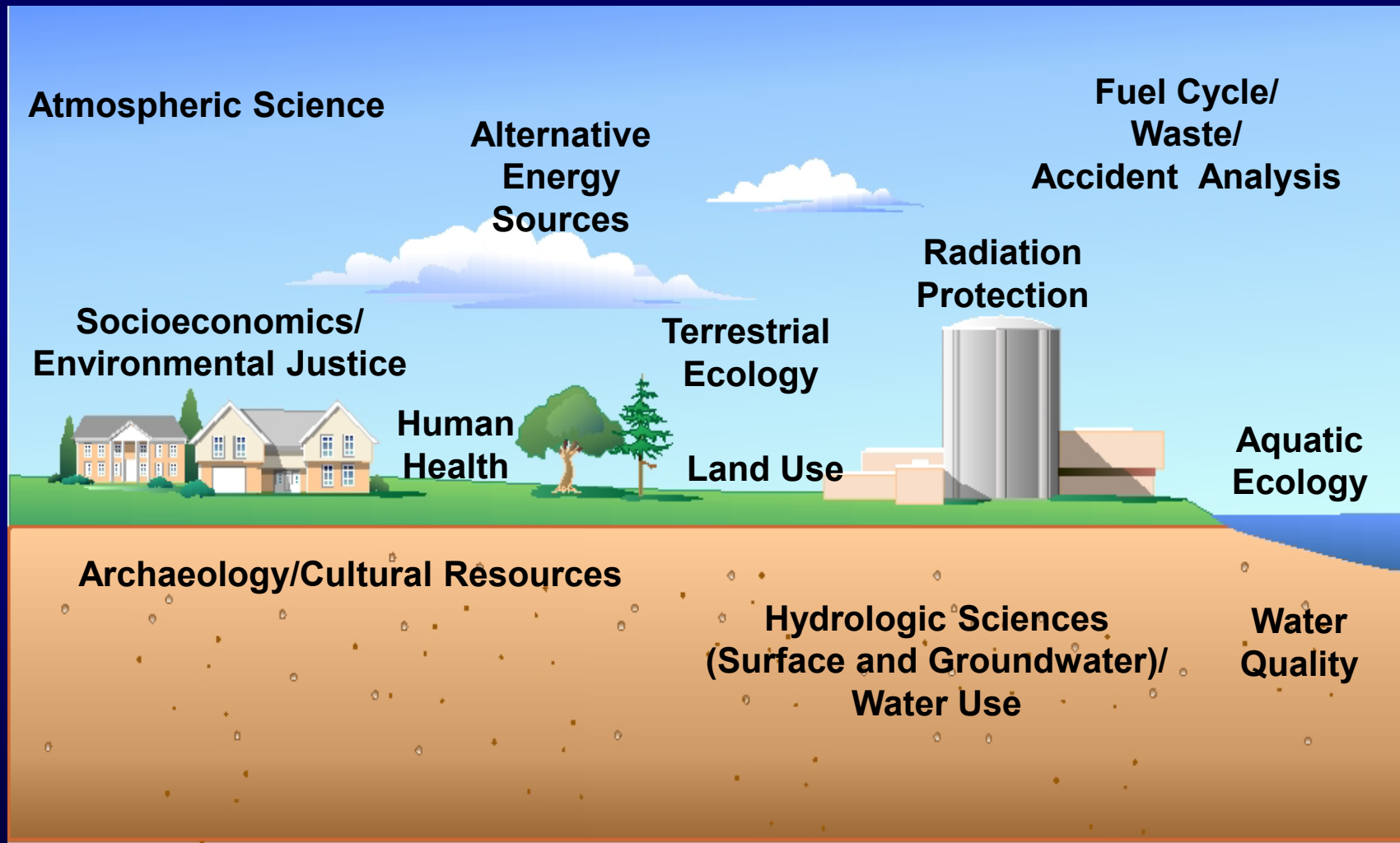


Information Gathering





Environmental Review Team Expertise





Environmental Review Schedule

- **NRC's review of the Environmental Report is underway**
- **Scoping period in progress**
 - **Notice of Intent published January 23, 2009**
 - **Comment period ends March 24, 2009**
- **Issue Draft EIS ~2010**
- **Public Meeting on Draft EIS ~2010**
- **Issue Final EIS ~2011**



Public Involvement

- **Public interaction during environmental review**
- **Hearing**
 - **Covers both environmental and safety issues**
 - **Commission mandatory hearing and, if necessary, Atomic Safety and Licensing Board (ASLB) contested hearing (s)**
 - **Interested persons can petition to intervene**



Notice of Hearing and Petition to Intervene

- **Petition to intervene**
 - **Deadline to file is April 6, 2009 (60 days from publication of Federal Register Notice of Hearing and Opportunity to Petition for Leave to Intervene, February 4, 2009, is Sunday, April 5. Where the computed date is Sunday, the period runs until the end of the next day. 10 CFR 2.306 (a)).**
 - **Rules governing intervention petitions: 10 CFR 2.309**
- **Digital certificate is required; allow 10 business days for obtaining the digital certificate.**
- **Instructions for e-filing are in the hearing notice and at www.nrc.gov/site-help/e-submittals.html**
- **E-filing Help Desk Phone Number: 1 (866) 672-7640**



NRC Callaway 2 Contacts and Information

- **Bruce Olson, Environmental Project Manager**
 - **1 (800) 368-5642, extension 3731**
- **Surinder Arora, Lead Safety Project Manager**
 - **1 (800) 368-5642, extension 1421**
- **Public Document Room Help Desk**
 - **Telephone: 1 (800) 397-4209**
 - **Email: PDR.Resource@nrc.gov**
- **Callaway Plant Unit 2 documents at NRC's website:**
<http://www.nrc.gov/reactors/new-reactors/col/callaway.html>
- **Callaway County Library in Fulton and Ellis Library at the University of Missouri in Columbia**



Environmental Scoping Comments

Provide Scoping Comments:

- **At this scoping meeting**
- **By mail: Chief, Rulemaking, Directives, and Editing Branch
Division of Administrative Services
Office of Administration
Mailstop TWB-05-B01M
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001**
- **By email: Callaway.COLEIS@nrc.gov**