

U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Public Outreach Meeting Shearon Harris Nuclear Plant Units 2 and 3, Combined License Application

Thomas Bergman, Deputy Director
for Licensing Operations
Division of New Reactor Licensing

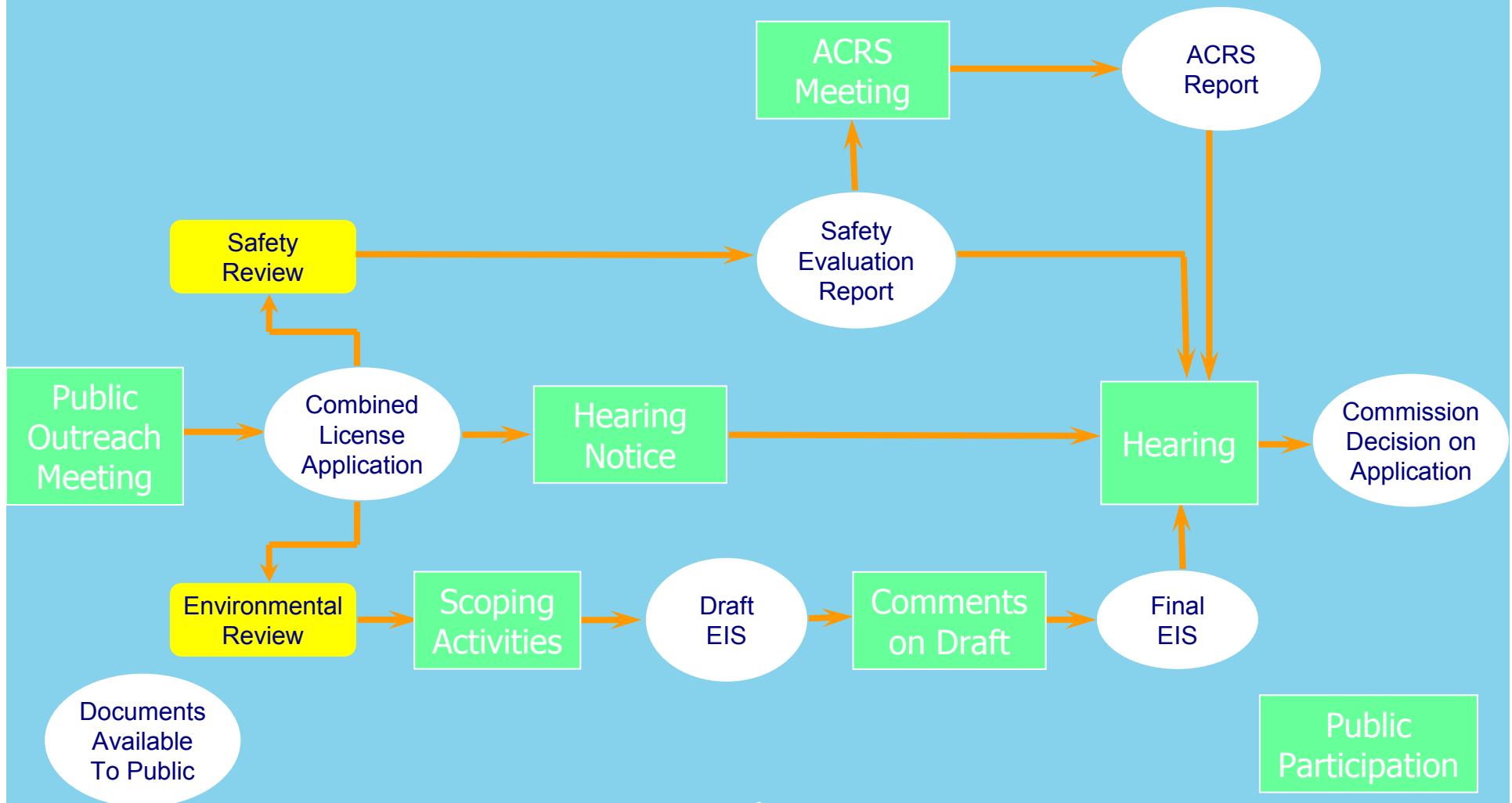
Purposes of this meeting

- Discuss the potential combined license for two (2) new nuclear plants at Harris
- Explain what the NRC does during the review of a combined license application
- Describe how you can participate in the NRC review process

Nuclear Regulatory Commission

- Mission: to protect the public health and safety, promote the common defense and security, and protect the environment
- Independent Agency
- Over 30 years experience regulating operating reactors and other civilian uses of nuclear materials

Combined License Application Review Process



Combined License Application Review and Construction Inspection

- Sikhindra Mitra , Project Manager
 - Overall Combined License Application Review
- Tamsen Dozier, Project Manager
 - Environmental Review
- Omid Tabatabai, Senior Reactor Operations Engineer
 - Construction Inspection

Safety Review

- Ensure facility will be constructed and operated safely by reviewing:
 - Design of facility
 - Quality assurance
 - Security plan
 - Emergency preparedness (with the Federal Emergency Management Agency)
 - Operator Training
 - Applicant's process to verify that the nuclear plant will be built as designed and operated in accordance with NRC regulations
- Clearly document our safety findings
- Maintain an open and transparent process

Opportunities for Public Participation

- Obtain information at www.nrc.gov
 - NRC processes and how to participate
 - Publicly available information about the license application
- Meetings between the NRC and the applicant
- Comment on environmental review
- Participate in Advisory Committee on Reactor Safeguards meetings
- Participate in the hearing process

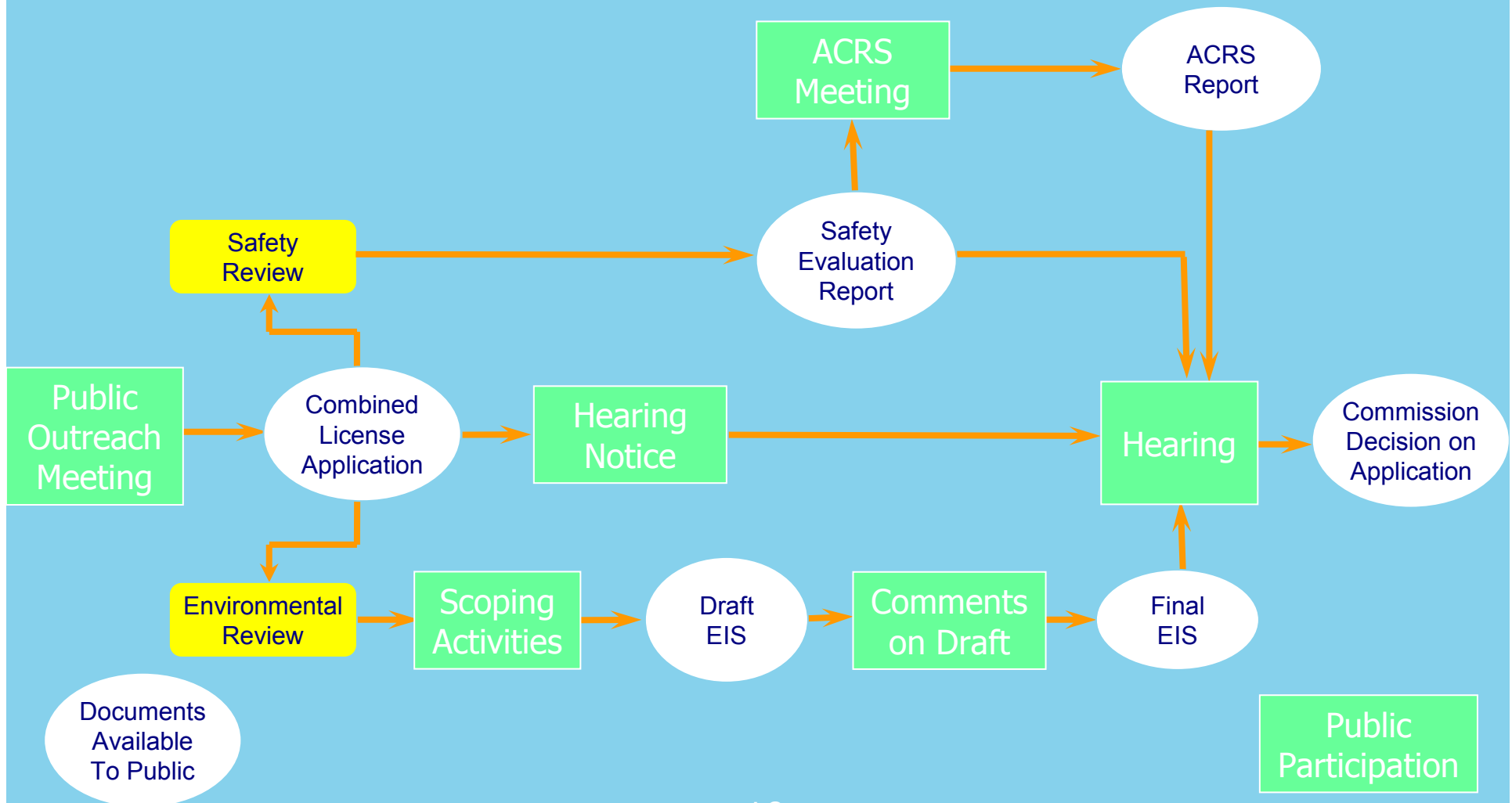
The Hearing Process

- NRC issues a Notice of Hearing in the *Federal Register*, which offers an opportunity for the public to participate in the hearing as a party (called “intervention”)
- A request (petition) to intervene must be filed within 60 days of the date of the Notice
- The requestor must state his or her interest that may be affected by granting the license, and at least one acceptable dispute with the application
- Three judges (an Atomic Safety and Licensing Board (ASLB)) will decide whether to grant intervention and conduct the hearing
- A person who did not seek to intervene or was not granted intervention may make a statement to the Board, although this statement is not evidence in the hearing
- Regulations governing intervention are in 10 C.F.R. 2.309

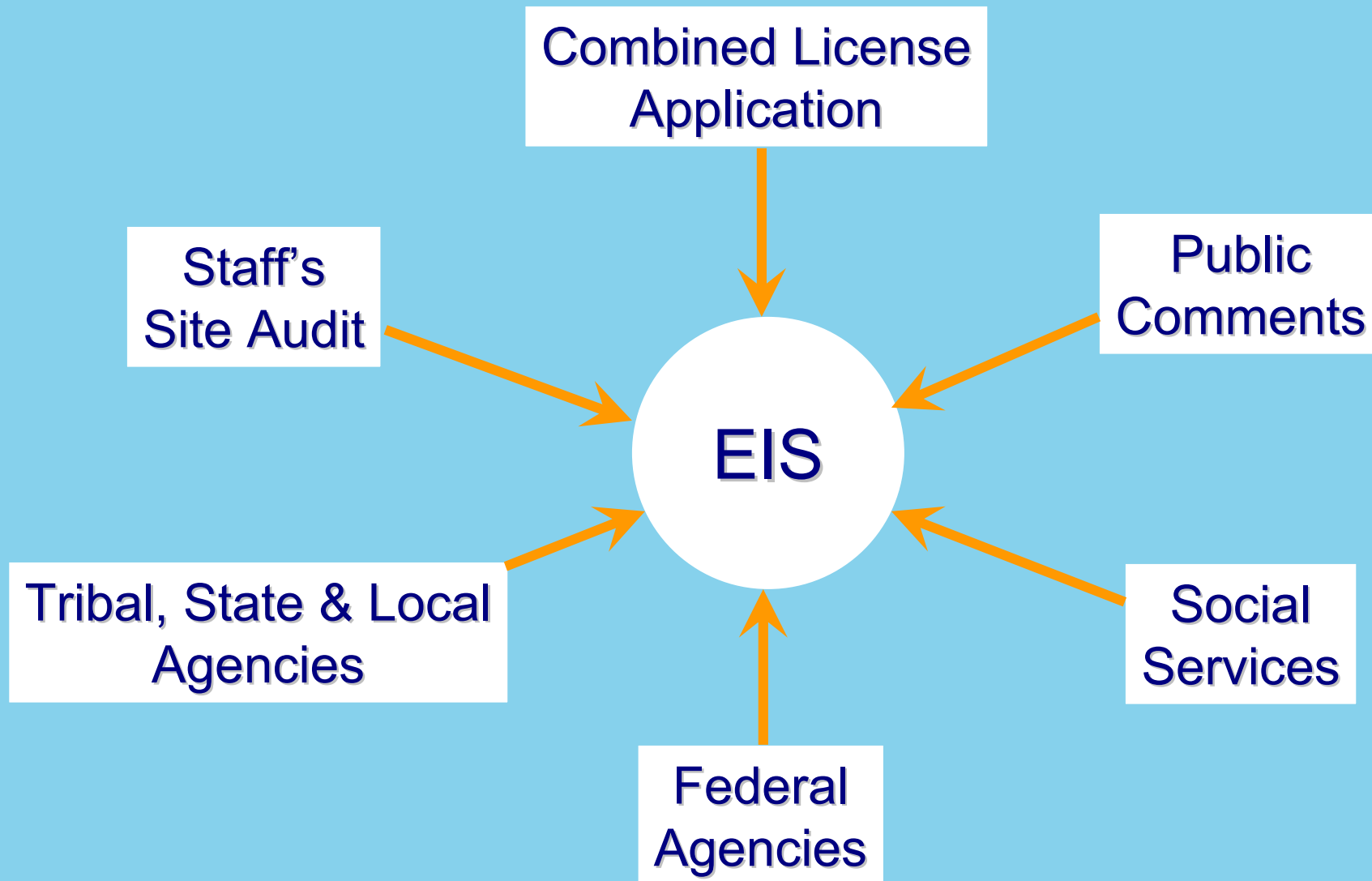
National Environmental Policy Act (NEPA)

- 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
- Granting a combined license is considered a major Federal action

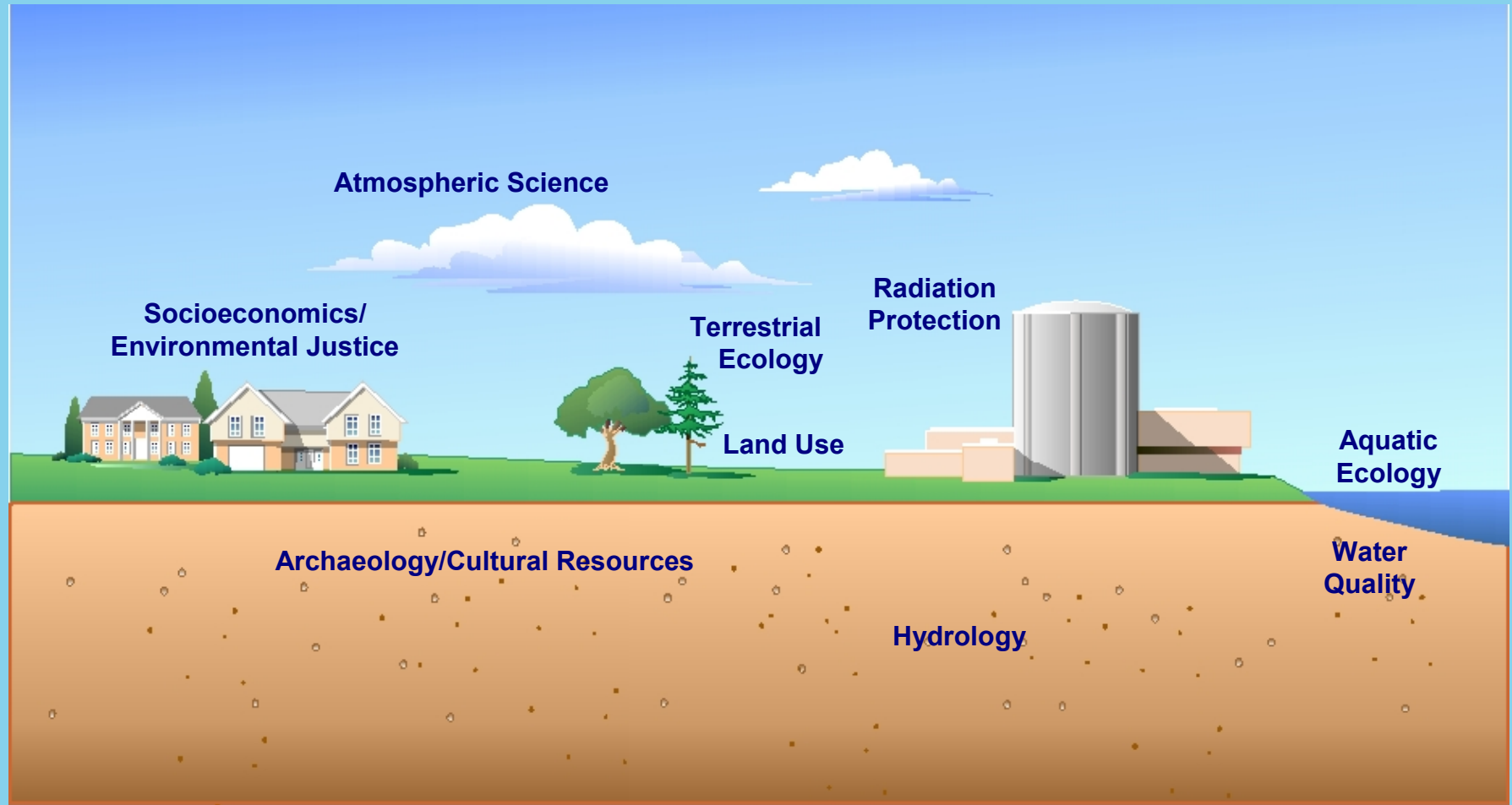
Combined License Application Review Process



Information Gathering



Environmental Review Areas



If the License is issued....

- The NRC will authorize the licensee to start construction of a nuclear power plant and to operate the completed plant, if specified conditions are met.
- NRC staff will inspect nuclear safety–related construction activities.
- NRC will verify that the plant is built as designed prior to operation (required by regulation).



ITAAC

- ITAAC means Inspections, Tests, Analyses, and Acceptance Criteria.
- ITAAC are the means by which the licensee demonstrates, and the NRC confirms, that the plant was built properly.
- Prior to plant operation all acceptance criteria must be met.
- Provides an opportunity for separate hearing based on whether acceptance criteria are met.

NRC CONTACTS

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