

# Environmental Review Process for a Proposed Uranium Enrichment Facility near Wilmington, North Carolina

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# Laws, Regulations, and Guidance



- The National Environmental Policy Act of 1969, as amended (NEPA), requires Federal agencies to consider the environmental impacts of certain actions
- NRC implements NEPA with Title 10, *Code of Federal Regulations Part 51 (10 CFR 51)*
- Staff procedures for implementing 10 CFR 51 are described in environmental review guidance (NUREG-1748)

# What is an EIS?

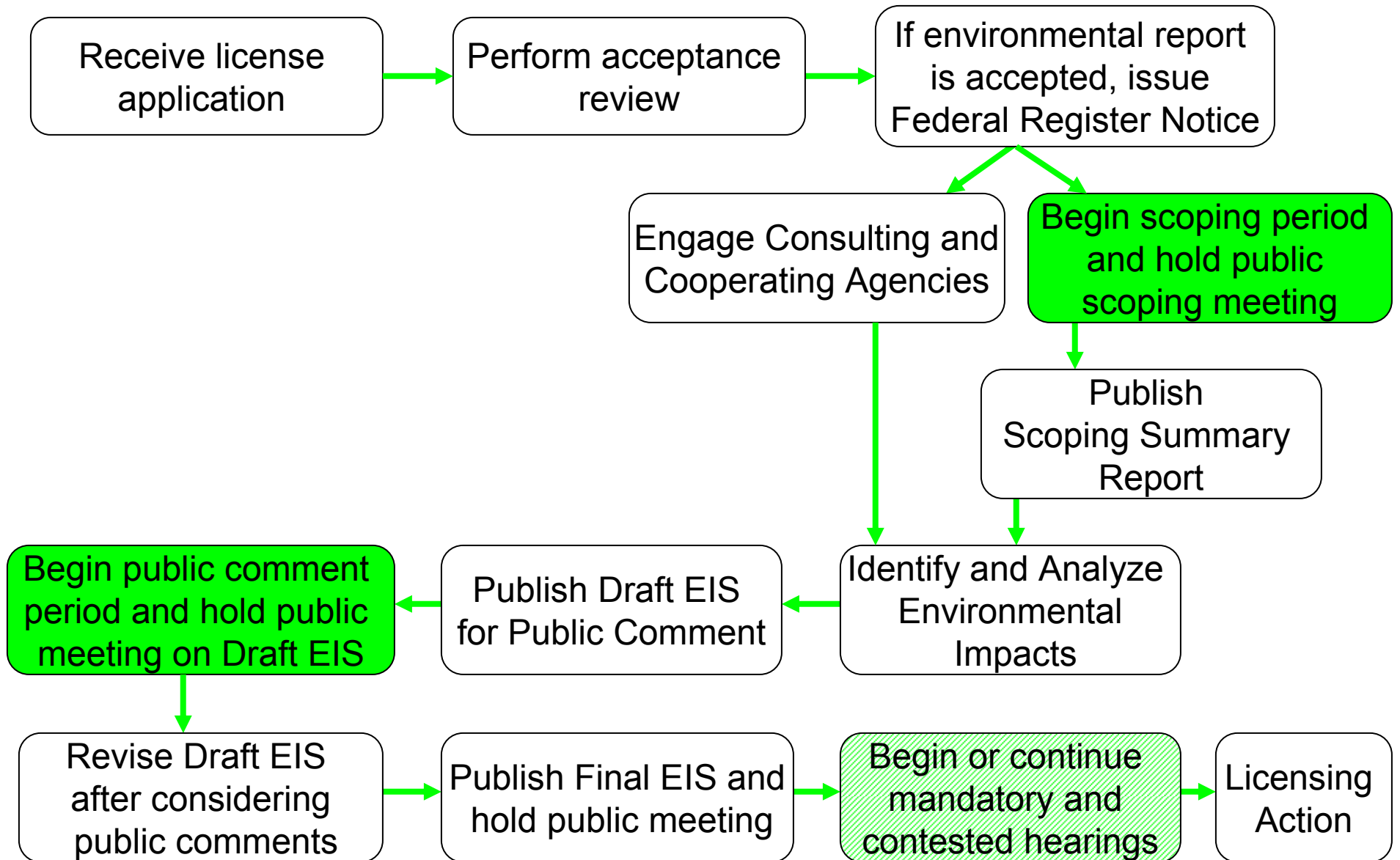
- An Environmental Impact Statement (EIS) describes potential environmental impacts of a proposed action and its alternatives
- An EIS provides information for the public and agency decision makers
- An EIS addresses five main topics
  - The proposed action, including its purpose and the need it meets
  - Alternatives, including no action
  - The affected environment
  - Environmental impacts
  - Mitigative measures

# Review Scope

- Reviews address the effects of facility construction, operation, and decommissioning
- Example review areas include effects on
  - Air, water, soils, plants, and animals
  - Public and worker health
  - Historic, archaeological, or architectural property and artifacts
  - Economic resources, cultural resources, and social services
  - Environmental justice
- Reviews address direct, indirect, and cumulative impacts

**Public input is essential to our scoping process**

# Environmental Review Process



# Any Questions?



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