



Pre-Application Early Site Permit Public Meeting for the Clinton Site



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U.S. Nuclear Regulatory Commission
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Who is the U.S. Nuclear Regulatory Commission?

- Independent agency
- Experienced regulator
- Mission: To protect public health and safety, promote common defense and security, and protect the environment
- Regulate commercial nuclear reactor activities



NRC History



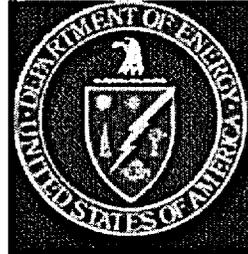
Atomic Energy Commission

1974

Energy Reorganization Act



Independent Regulatory Agency
Protect Public Health & Safety



Executive Branch Agency
Increase Domestic Energy Production



Key Participants in NRC Licensing Process

Exelon

Applicant
Electric Power Company
Co-owner of AmerGen

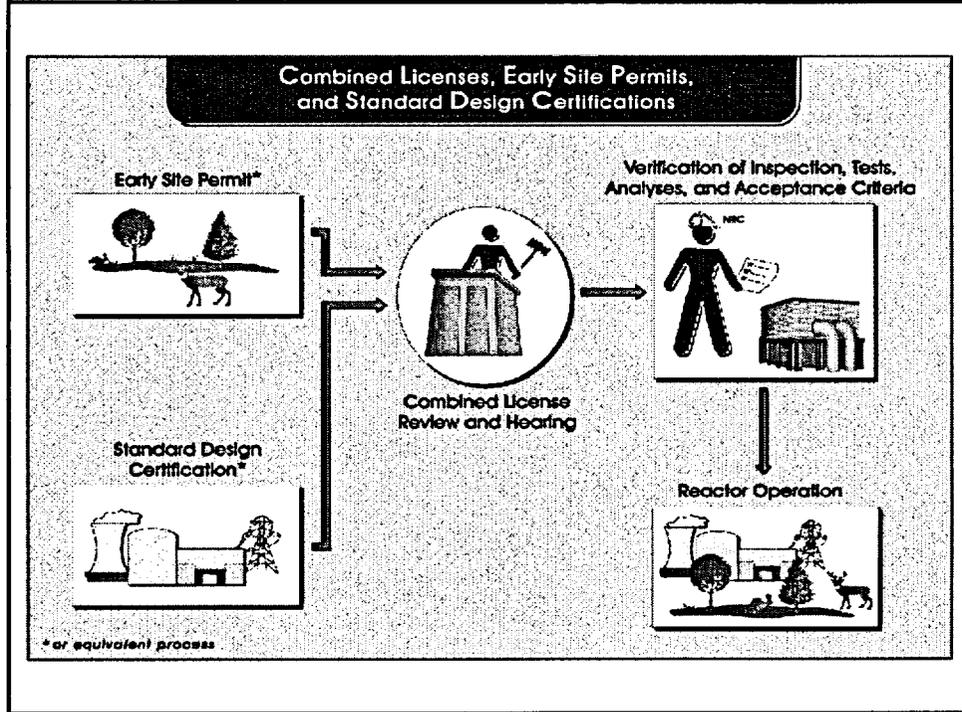


Regulatory Agency
Licensing Authority
Protect Public Health & Safety



STAKEHOLDERS

Participate Through Public
Meetings & Hearings



How will the NRC Carry Out Its Role?

- Review all information objectively
- Make informed decisions based on the facts
- Maintain an open public process



Early Site Permits

Nanette Gilles
New Reactor Licensing Project Office

Thomas J. Kenyon
License Renewal and Environmental Impacts Program



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Introduction

- Discuss early site permit review process
- Discuss schedule
- Questions and answers

- Discuss how to participate in process
- Questions and answers

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What is an Early Site Permit?

An NRC decision that ensures that the proposed site is suitable for construction and operation of a nuclear power plant.

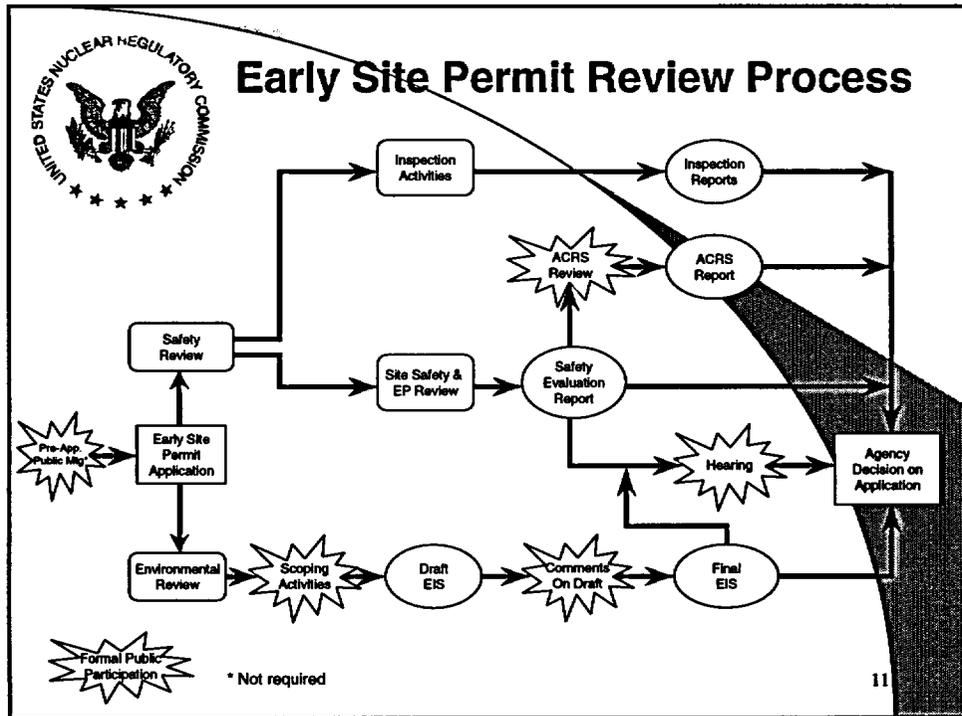
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Why Does an Applicant Want an ESP?

- Allows an applicant to “bank” a site
- Reduces licensing uncertainty
- Resolves siting issues before construction

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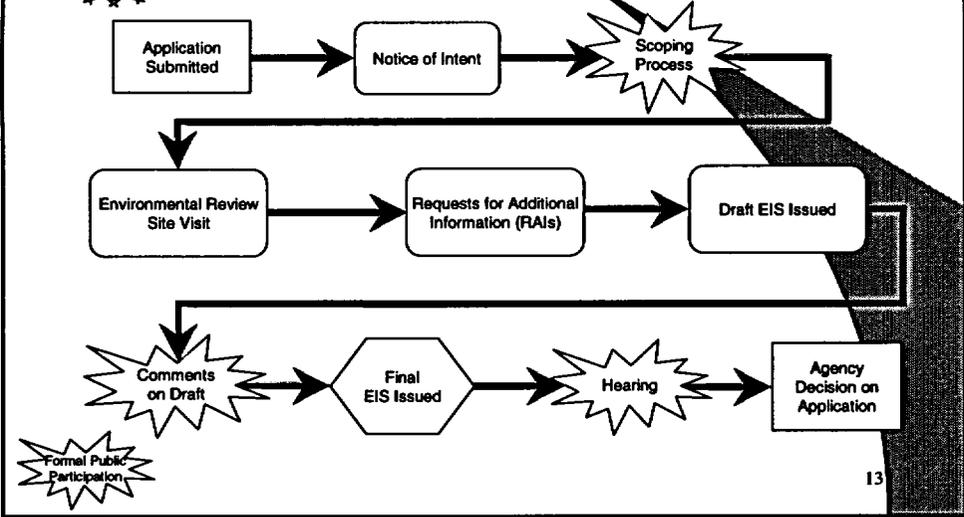
National Environmental Policy Act

- NEPA requires Federal agencies to use a systematic approach to consider environmental impacts
- An Environmental Impact Statement (EIS) is required for major Federal actions significantly affecting the quality of the human environment
- Issuing early site permit is considered major Federal action

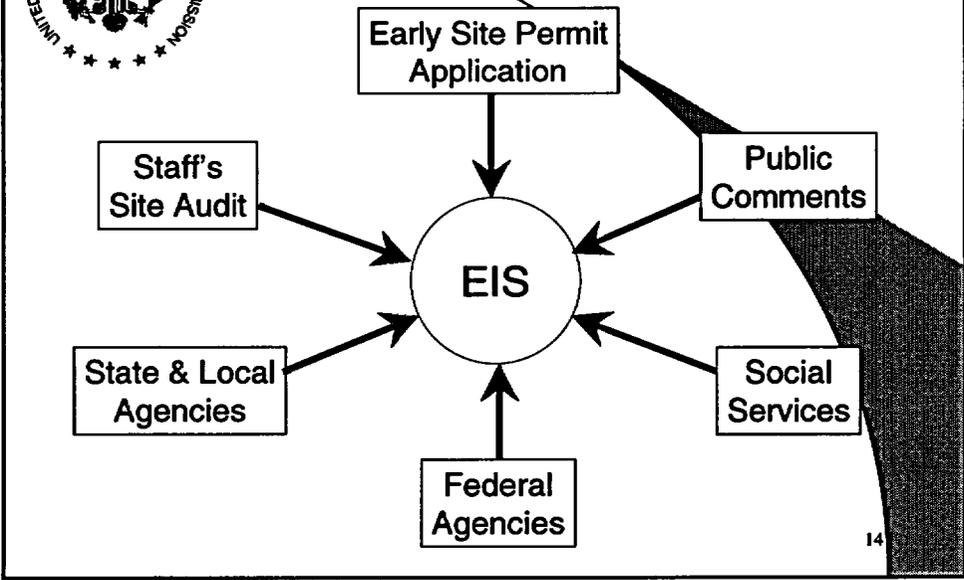
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Environmental Review Process

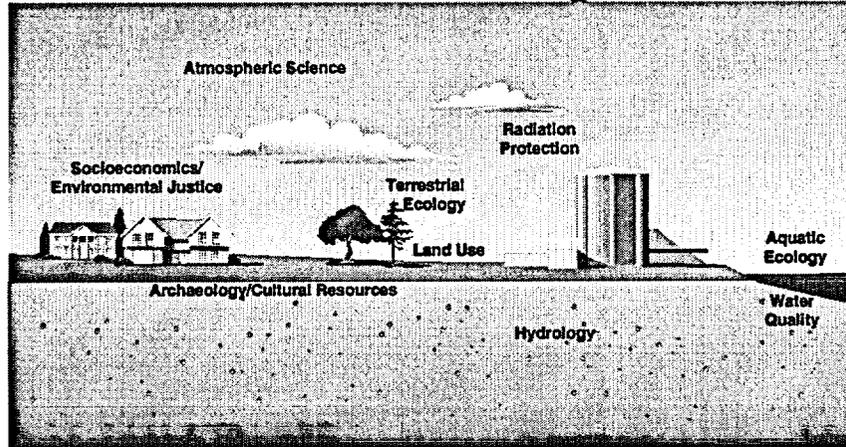


Information Gathering





Team Expertise



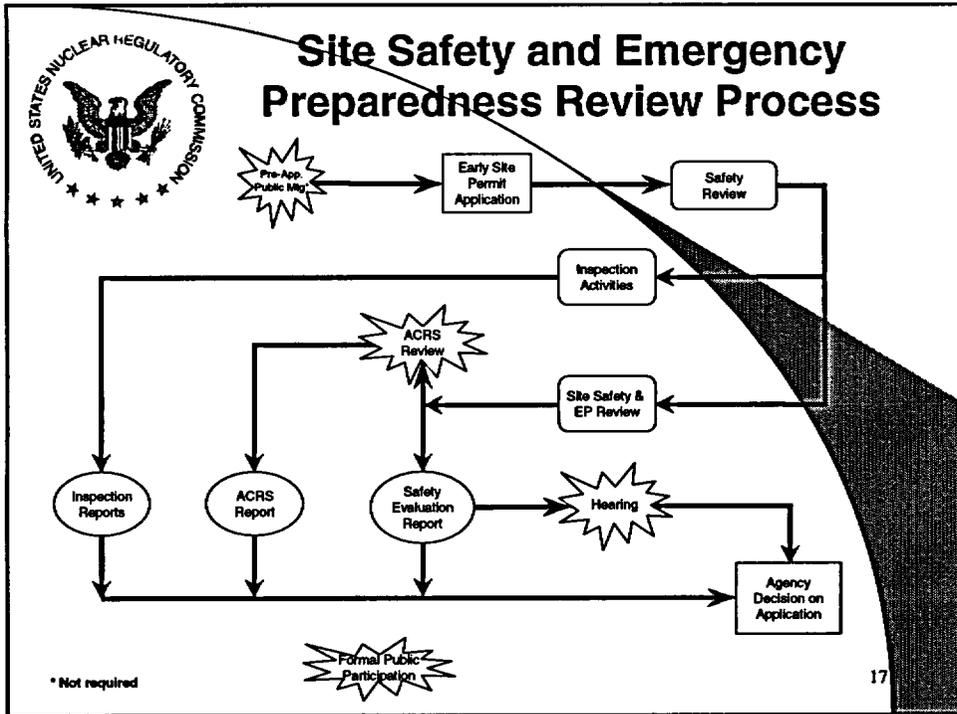
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Issues Not Considered In ESP Environmental Review

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- Need for power
 - Cost of power
 - Spent fuel disposal (except for transportation)

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- Site Safety and Emergency Preparedness Review Process**
- United States Nuclear Regulatory Commission
- Site Safety Review
 - Site visit
 - Layout and characteristics
 - Data gathering
 - Application and other related information
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Site Safety and Emergency Preparedness Review Process

(continued)

- **Site Safety Review**
 - Seismology
 - Geology
 - Hydrology
 - Meteorology
 - Geography
 - Demography (population distribution)
 - Site hazards evaluation

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Site Safety and Emergency Preparedness Review Process

(continued)

- **Emergency Preparedness Review**
 - Site visit
 - Physical impediments
 - Population distribution
 - Transportation routes
 - Proposed emergency plan or other information
 - Federal Emergency Management Agency (FEMA)

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Application Schedule

- Clinton Illinois June 2003
- Grand Gulf Mississippi June 2003
- North Anna Virginia September 2003

Agency decision expected 33 months after application received

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Pre-Application Early Site Permit Public Meeting for the Clinton Site



March 20 2003



Public Involvement

- Pre-application public meeting at site
- Public interaction during environmental review
 - Comment periods
 - Public meetings
- Technical meetings on site safety and emergency planning

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Public Involvement (continued)

- Atomic Safety Licensing Board Hearing
 - Opportunity to participate provided
- Advisory Committee on Reactor Safeguards
 - Independent review
 - Advises Commission
 - Public meetings

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Where Can I Find the Results?

- Safety Evaluation Report
- Environmental Impact Statement
- Meeting summaries
- Inspection reports

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Points of Contact

- Agency points of contact:

Nanette Gilles, Site Safety Project Manager
1 (800) 368-5642, extension 1180

Thomas Kenyon, Environmental Project Manager
1 (800) 368-5642, extension 1120

- Documents can be viewed at NRC's website
(www.nrc.gov)

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