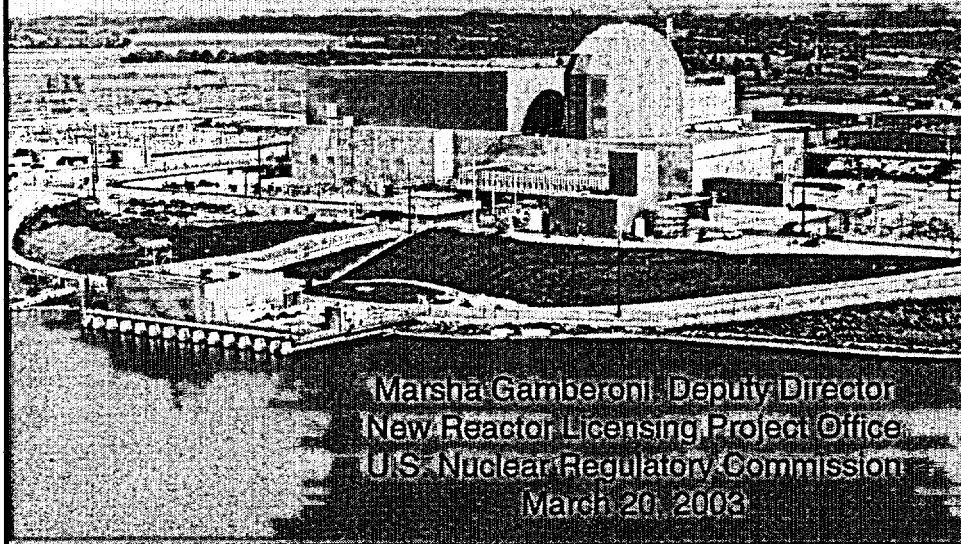




## **Pre-Application Early Site Permit Public Meeting for the Clinton Site**

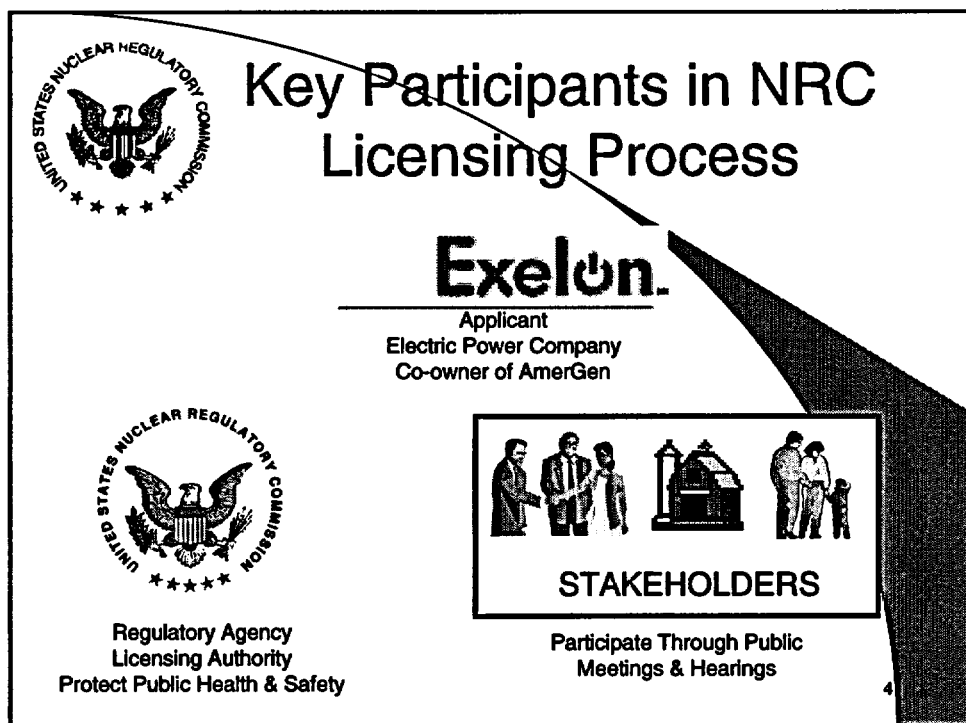
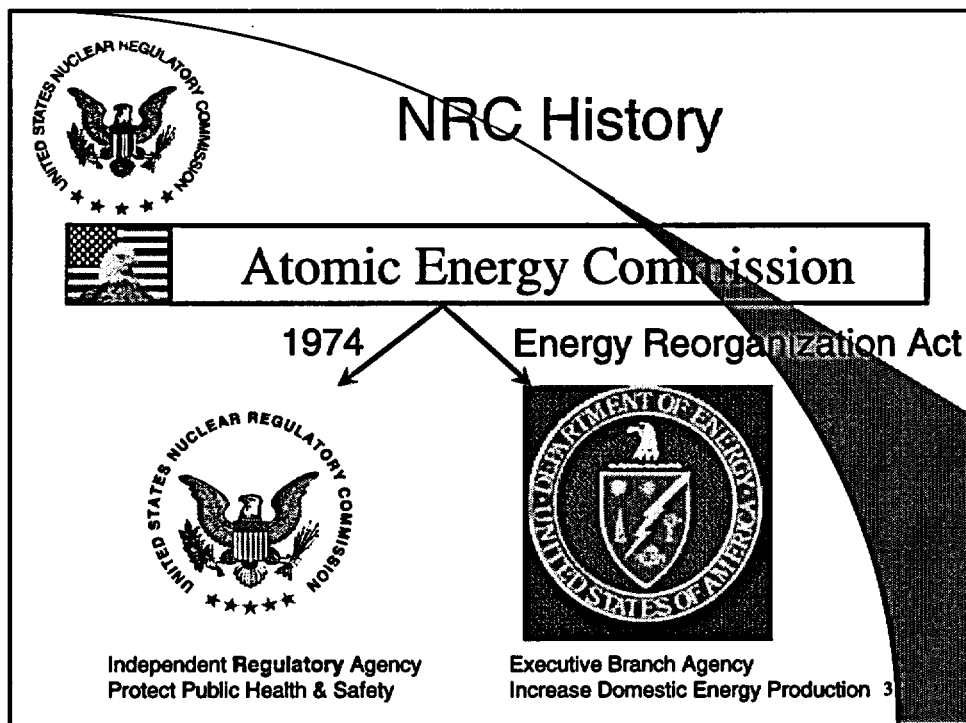


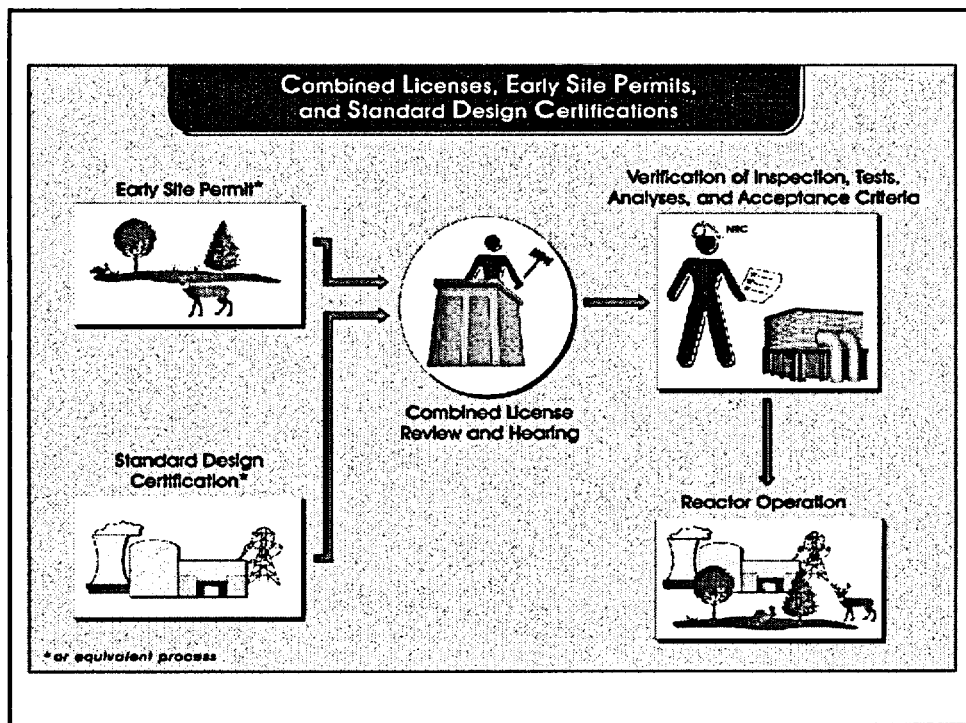
Marsha Gamberoni, Deputy Director  
New Reactor Licensing Project Office  
U.S. Nuclear Regulatory Commission  
March 20, 2003



## **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





## How will the NRC Carry Out Its Role?

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

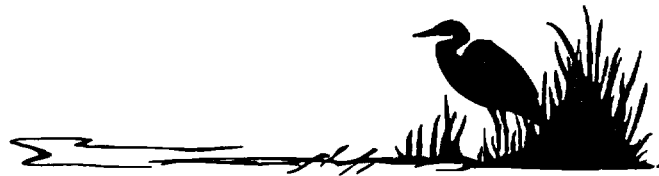


# Early Site Permits

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**Nanette Gilles**  
**New Reactor Licensing Project Office**

**Thomas J. Kenyon**  
**License Renewal and Environmental Impacts Program**



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# Introduction

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- Discuss early site permit review process
- Discuss schedule
- Questions and answers
  
- Discuss how to participate in process
- Questions and answers

8



## What is an Early Site Permit?

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

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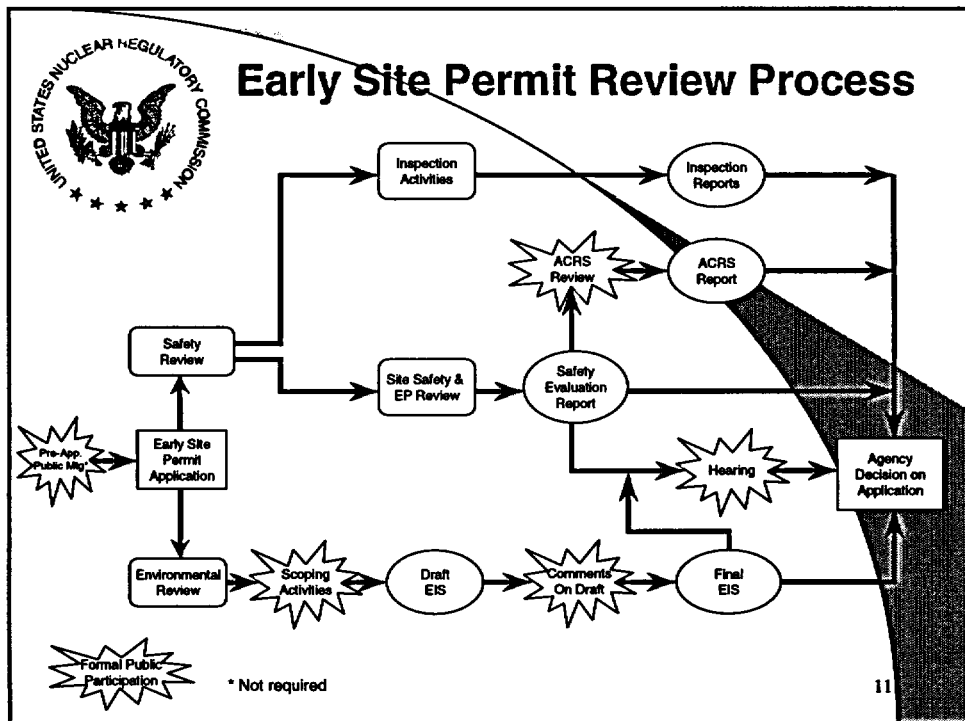


## Why Does an Applicant Want an ESP?

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

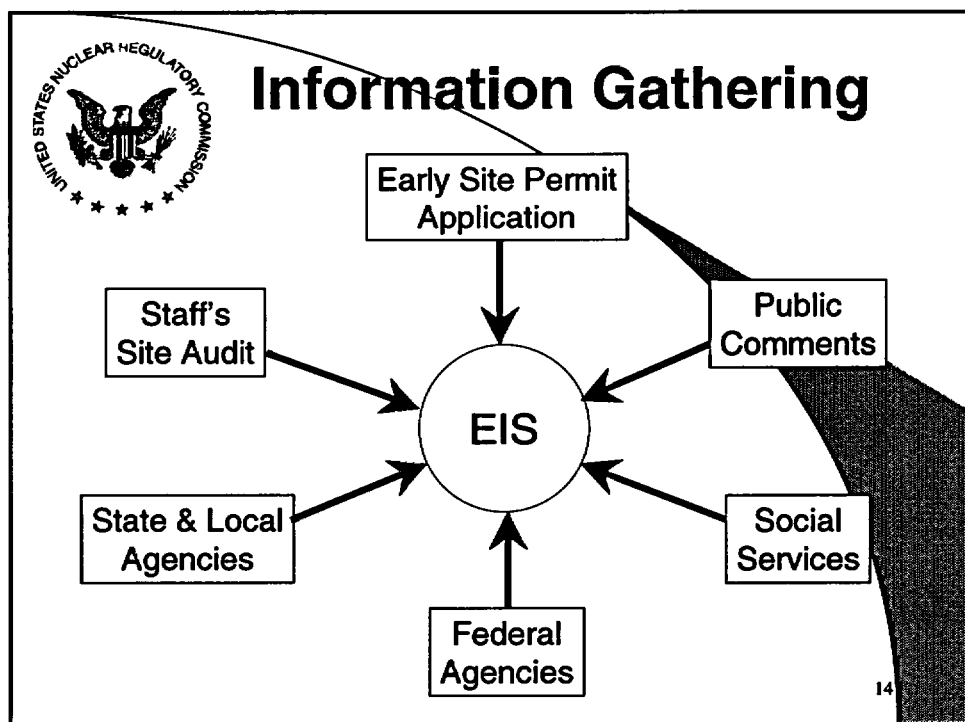
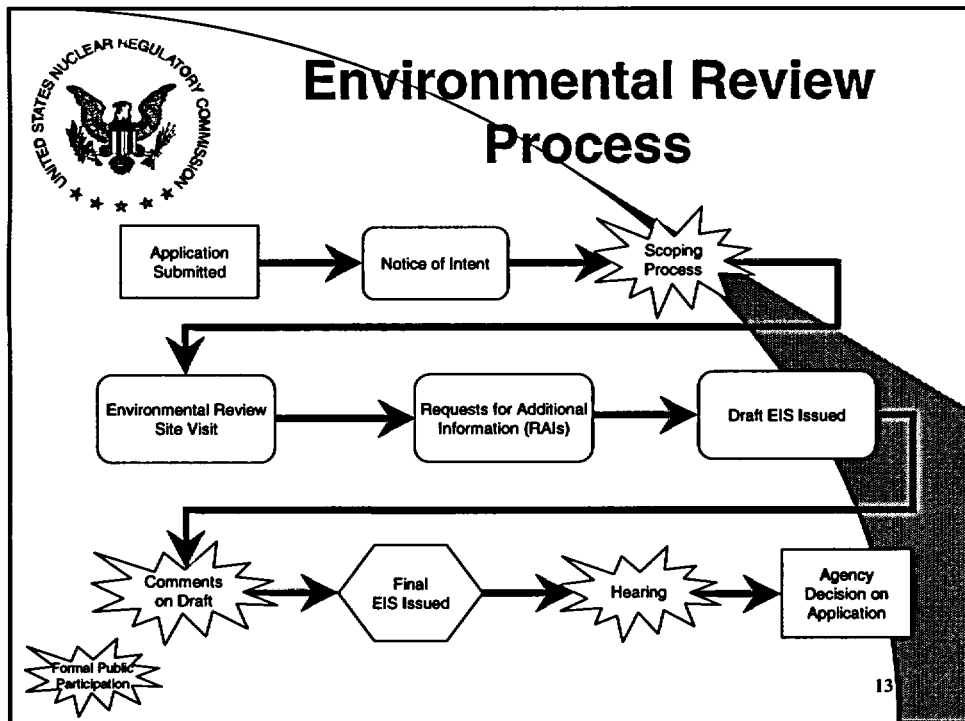
10



**National Environmental Policy Act**

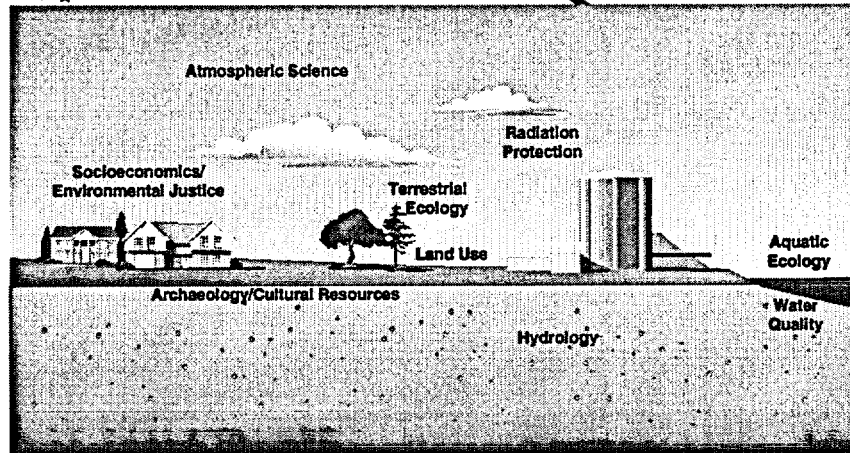
- NEPA requires Federal agencies to use a systematic approach to consider environmental impacts
- An Environmental Impact Statement (EIS) is required for major Federal actions significantly affecting the quality of the human environment
- Issuing early site permit is considered major Federal action

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## Team Expertise



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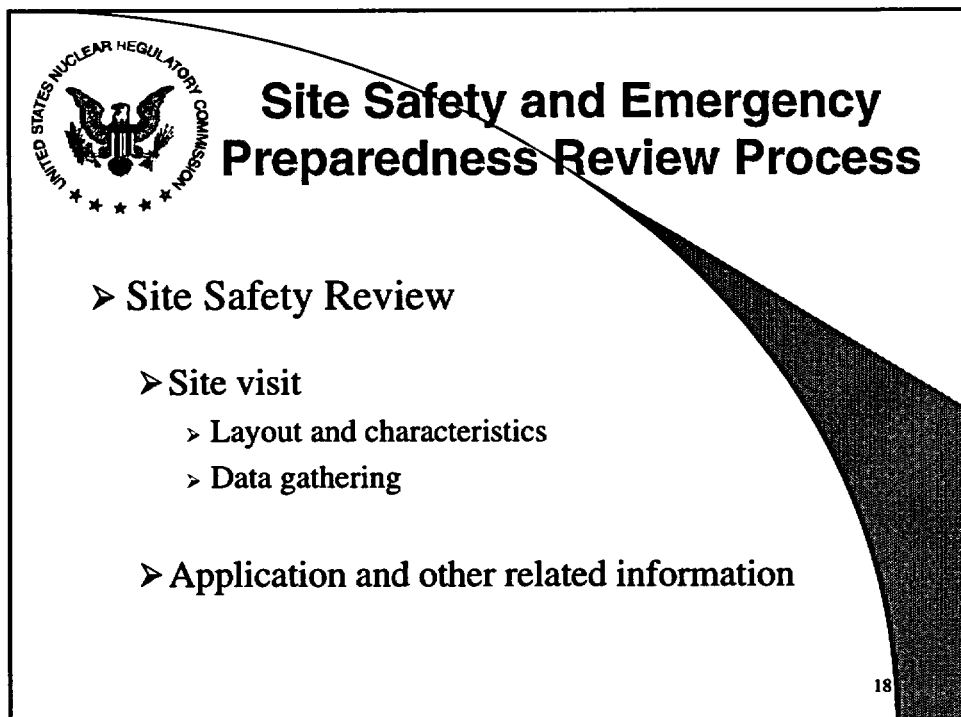
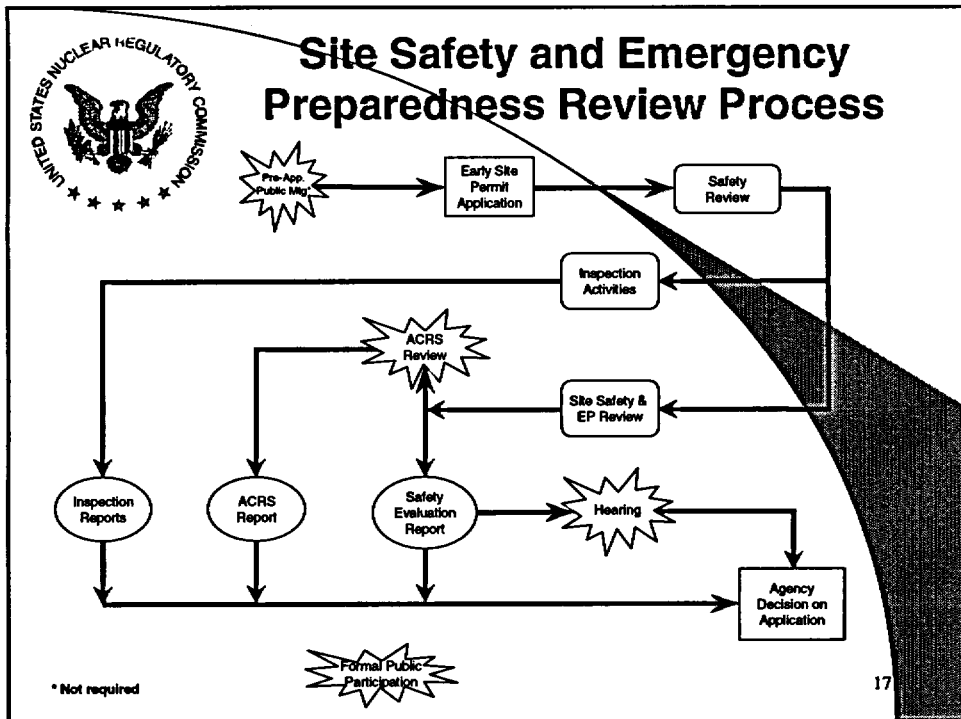


## Issues Not Considered In ESP Environmental Review

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

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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





## 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](http://www.nrc.gov))

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