



Public Scoping Meeting
Grand Gulf Nuclear Station, Unit 3
Combined License Application
June 19, 2008

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Office of New Reactors



Purposes of this Meeting

- ❖ Solicit input to the environmental scoping process
- ❖ Describe the NRC review process for a combined license application
- ❖ Describe how you can participate in the regulatory process
- ❖ Discuss environmental review schedule
- ❖ Accept any scoping comments you may have today

Participants in NRC Licensing Process



NRC

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



Stakeholders

- Residents of the community
- Public interest groups
- Other federal agencies
- State entities
- Local officials
- Tribal officials and others



License Applicant

- Entergy Operations Inc. (Entergy)

3

Combined License (COL)

- ❖ Authorization from the NRC to construct and operate a nuclear power plant at a specific site, with conditions, and in accordance with applicable laws and regulations
- ❖ Entergy submitted an application for a combined license for Grand Gulf Nuclear Station, Unit 3 on February 27, 2008

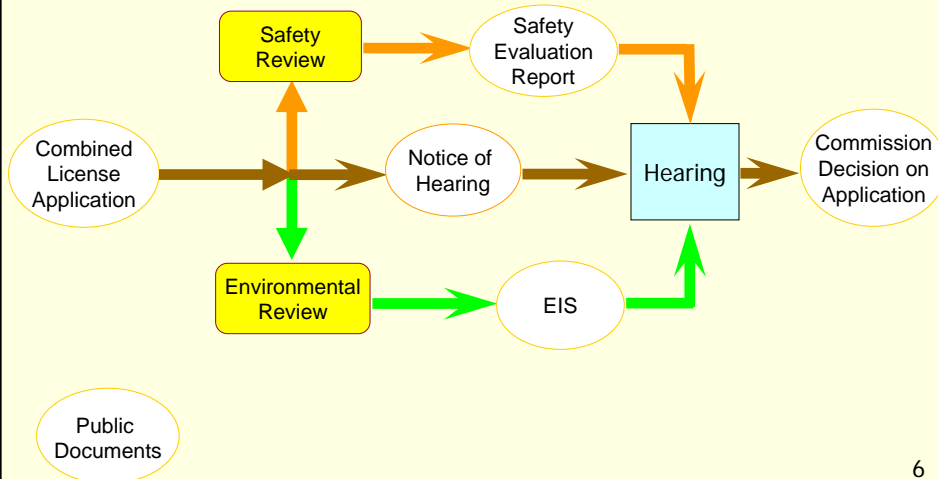
4

Current Reviews: Grand Gulf COL Application

- ❖ Economic Simplified Boiling Water Reactor (ESBWR) certified design rulemaking
- ❖ Site-specific safety review of the ESBWR design as located at Grand Gulf site
- ❖ Environmental impacts of Unit 3 at Grand Gulf site

5

Combined License Application Review Process



6

Safety Review Process

- ❖ Design of facility
- ❖ Site suitability (safety)
- ❖ Quality assurance
- ❖ Physical security (coordinated with Dept. of Homeland Security)
- ❖ Emergency preparedness (with Federal Emergency Management Agency - FEMA)
- ❖ Operator training

7

NRC issued an Early Site Permit (ESP) for the Grand Gulf site on April 2007



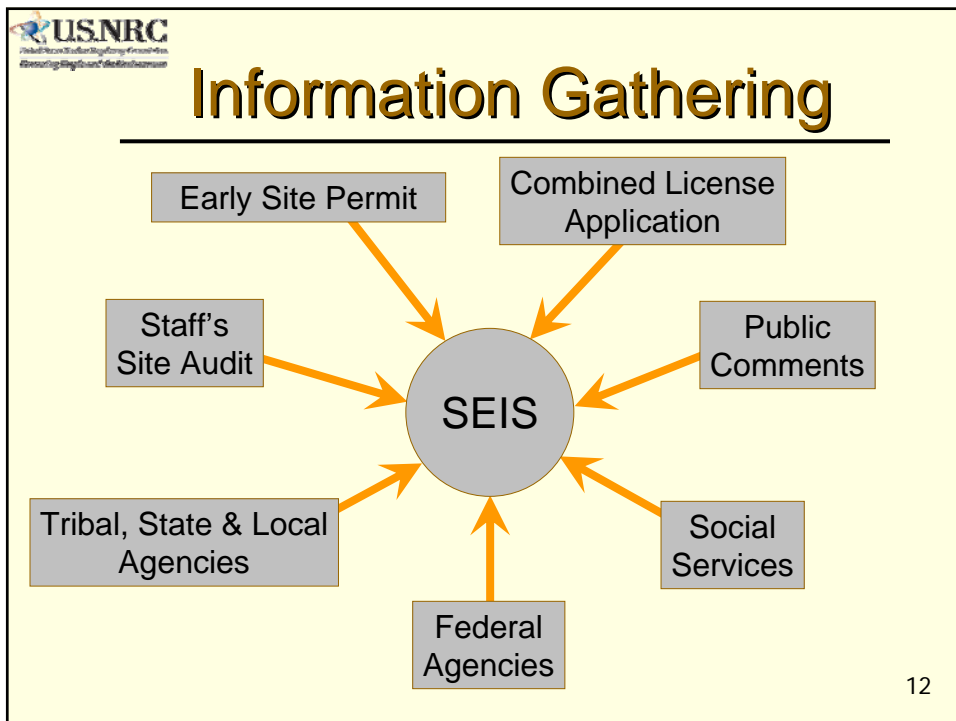
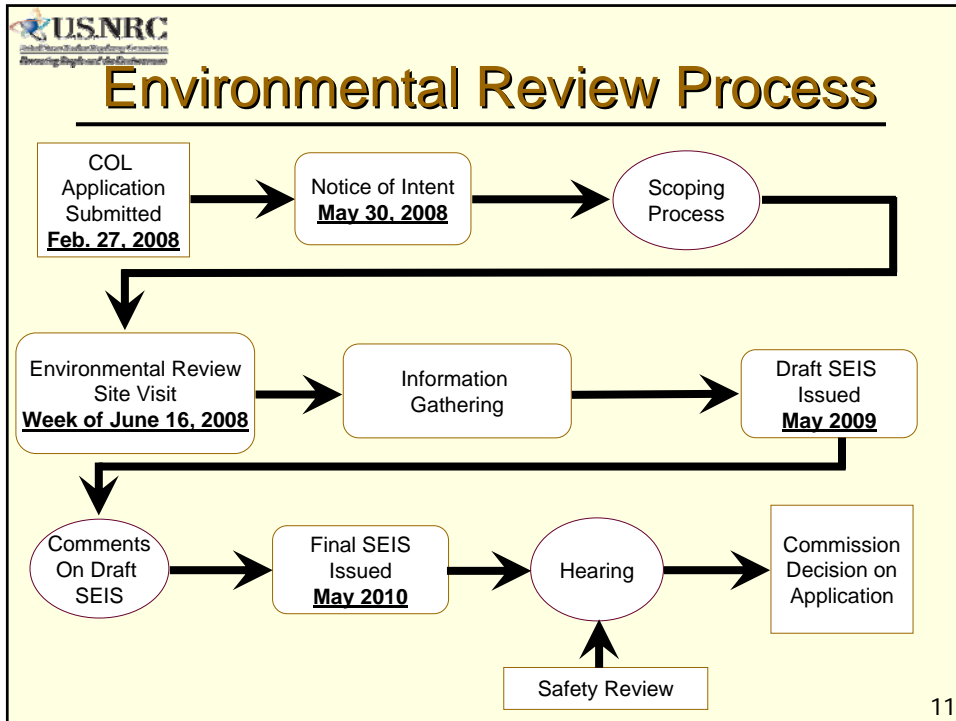
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National Environmental Policy Act (NEPA)

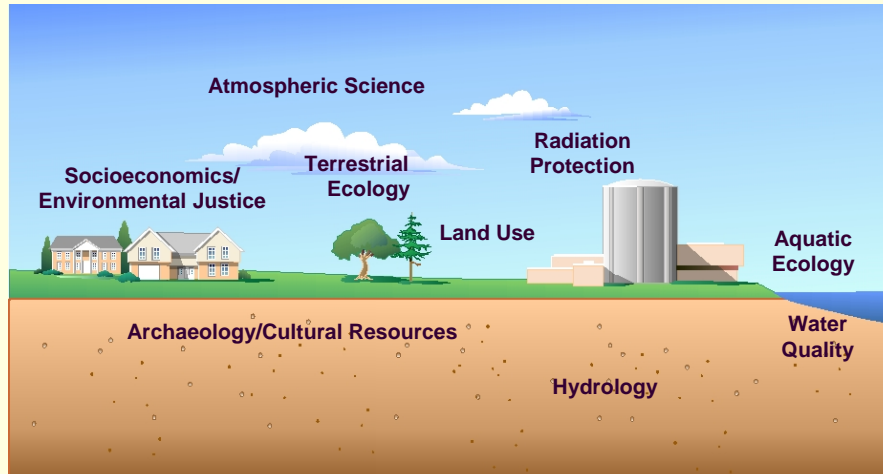
- ❖ NEPA requires Federal agencies to use a systematic approach to consider environmental impacts
- ❖ An Environmental Impact Statement (EIS) is required for issuing a combined license (COL)

Grand Gulf Unit 3 Environmental Review

- ❖ Prepare Supplemental EIS (SEIS) for the Grand Gulf, Unit 3 COL application
- ❖ Supplemental EIS Scope
 - ❖ Tier off Final EIS for Grand Gulf ESP EIS issued April 2006
 - ❖ Issues not resolved during ESP review will be evaluated
 - ❖ NRC will look at resolved issues to see if there is new and significant information that would affect the previous analyses



Environmental Review Team Expertise



13

Grand Gulf, Unit 3 Environmental Review Schedule

COL Application Received	February 27, 2008
Notice of Intent-Federal Register	May 30, 2008
Scoping Public Meetings	June 19, 2008
Scoping Comment Period Ends	July 29, 2008
Draft Supplemental EIS Issued	May 2009 (tentative)
Draft Supplemental EIS Public Mtg	June 2009 (tentative)
Final Supplemental EIS Issued	May 2010 (tentative)

14

Submitting Comments

By mail: Chief, Rules and Directives Branch
Division of Administrative Services
Mail Stop T-6D59
Washington, DC 20555-0001

E-mail: GrandGulf.COLAEIS@nrc.gov

In person: 11545 Rockville Pike
Rockville, Maryland 20852

15

Hearing

- ❖ Notice of opportunity to participate in the hearing called intervention will be issued soon
- ❖ Notice will include deadline to file intervention petition
- ❖ Instructions for e-filing are in hearing notice or www.nrc.gov/site-help/e-submittals.html
 - ❖ E-Filing is required by Commission
 - ❖ Need a digital certificate or waiver from requirement (allow 10 business days)
- ❖ Hearing covers both Safety and Environmental Issues

16

Public Involvement

- ❖ Environmental Review
 - ❖ Scoping Comment Period Ends: **July 29, 2008**
 - ❖ Public Meeting for the Draft SEIS: June 2009 (tentative)
- ❖ Hearing
 - ❖ Deadline to file petition to intervene: To be determined
 - ❖ Hearing covers both safety and environmental issues

17

Additional Information

- ❖ Agency Points of Contacts
 - ❖ Tamsen Dozier, Environmental Project Manager
(800) 368-5642 ext. 2272
 - ❖ Eric Oesterle/Mark Tonacci, Lead/Safety Project Manager
(800) 368-5642, ext. 1365 (Eric)/ext. 4045 (Mark)
- ❖ Documents viewed at:
Harriette Person Memorial Library, Port Gibson, MS
- ❖ NRC website:
 - Information on COL review:
www.nrc.gov/reactors/new-licensing/col/grand-gulf.html
 - Information on ESP:
www.nrc.gov/reactors/new-licensing/esp/grand-gulf.html

18