

U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Public Scoping Meeting
North Anna Power Station, Unit 3
Combined License Application
April 16, 2008

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Division of Site and Environmental Reviews
Office of New Reactors



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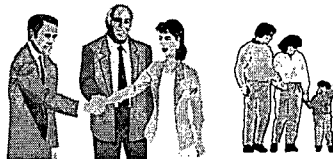
Protecting People and the Environment

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

- Dominion Virginia Power (Dominion)

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Combined License (COL)

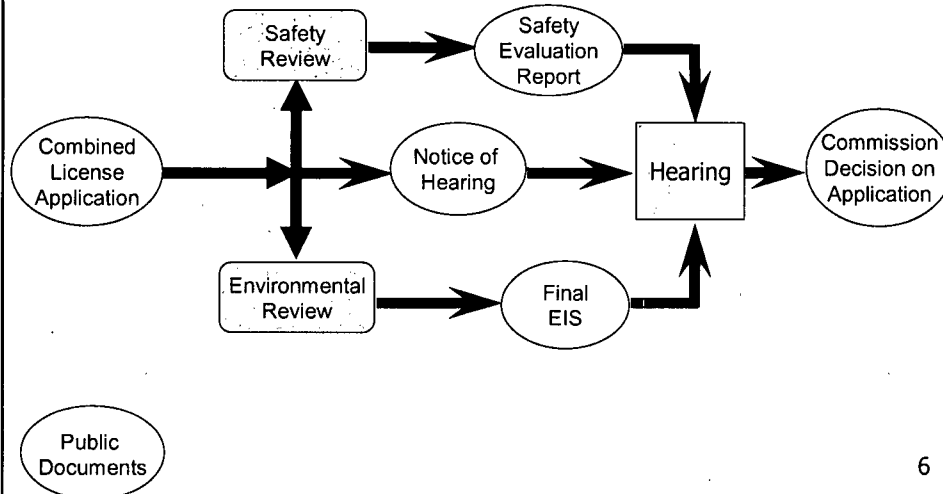
- ❖ Authorization from the NRC to construct and operate a nuclear power plant at a specific site, with conditions, and in accordance with law and regulations
- ❖ Dominion submitted an application for a combined license for North Anna Power Station, Unit 3 on November 27, 2007

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Reviews of North Anna COL Application

- ❖ Three primary reviews for North Anna COL Application
 - Site-specific safety review of the economic simplified boiling water reactor (ESBWR) design as located at North Anna site
 - Environmental impacts of Unit 3 at North Anna site
 - ESBWR certified design rulemaking
- ❖ NRC issued an Early Site Permit (ESP) for the North Anna ESP site, November 27, 2007

Combined License Application Review Process



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

National Environmental Policy Act

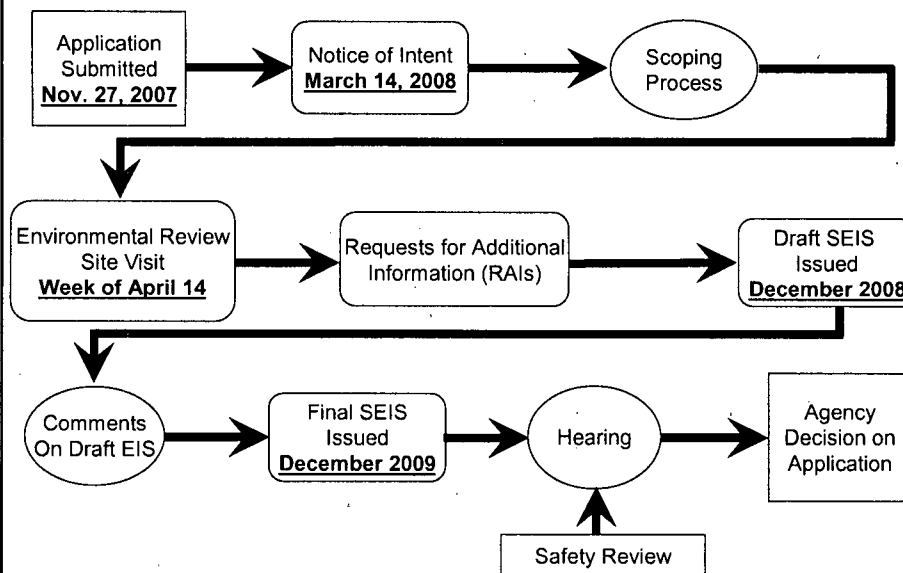
- ❖ NEPA requires Federal agencies to use a systematic approach to consider environmental impacts
- ❖ An Environmental Impact Statement (EIS) is required for issuing a combined license (COL)
- ❖ Commission has determined that combined license (COL) applications referencing an Early Site Permit (ESP) will require a supplement to the ESP EIS

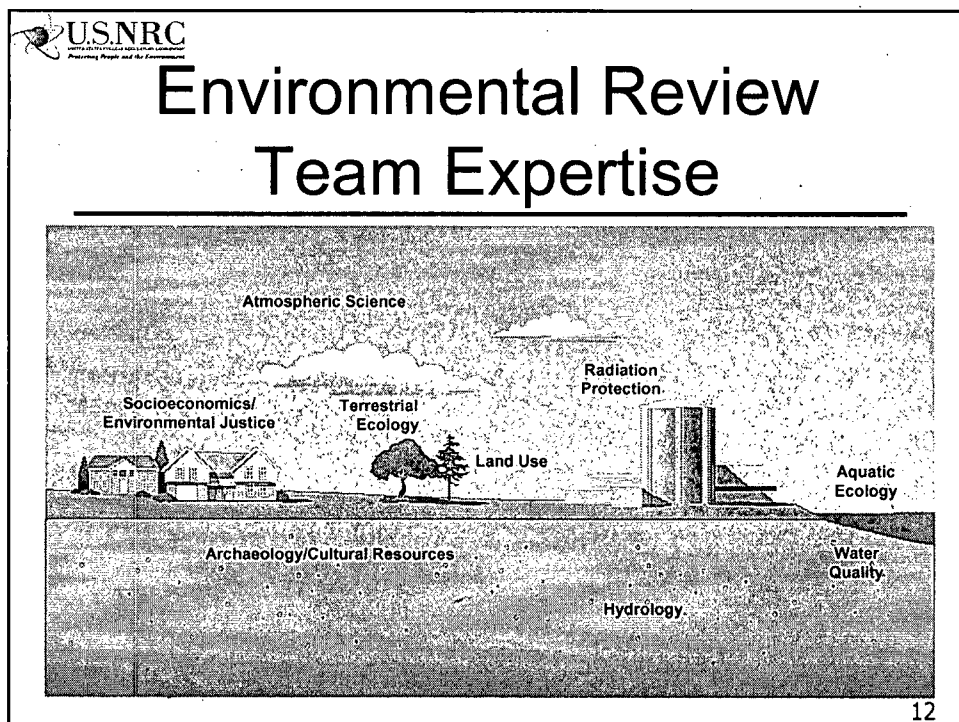
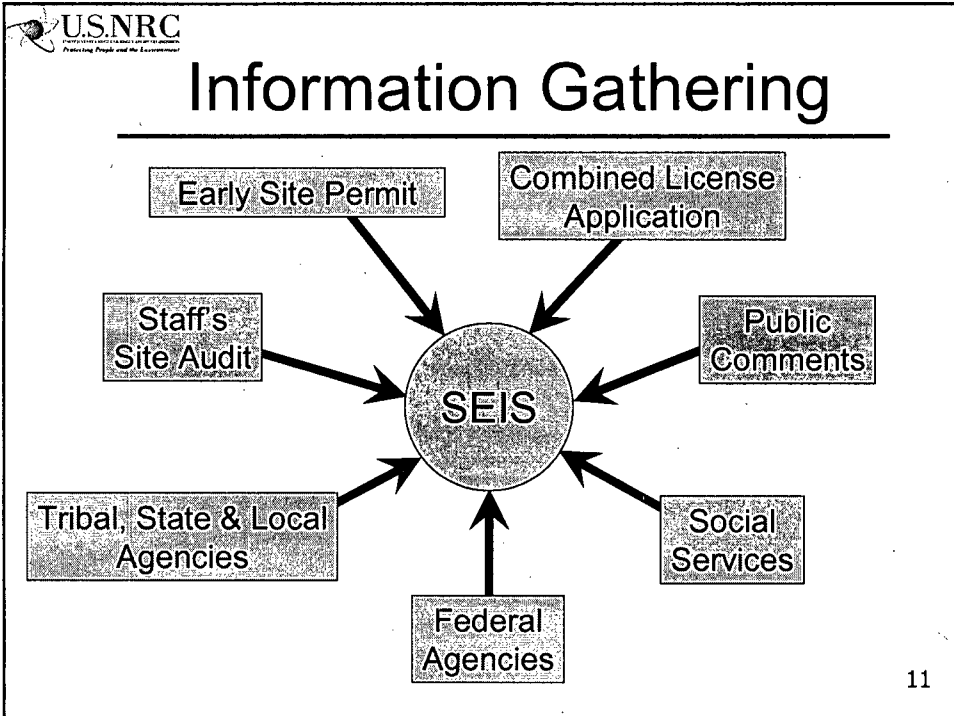
North Anna Unit 3 Environmental Review

- ❖ Prepare Supplemental Environmental Impact Statement (SEIS) for the North Anna, Unit 3 COL application

- ❖ Supplemental EIS Scope
 - ❖ Tier off Final Environmental Impact Statement for North Anna Early Site Permit (ESP EIS), issued December 2006
 - ❖ Unresolved ESP EIS issues will be evaluated (e.g. Need for Power)
 - ❖ Resolved ESP EIS issues will not be re-evaluated unless new and significant information present

Environmental Review Process







North Anna, Unit 3 Environmental Review Schedule

Application Received	November 27, 2007
Notice of Intent-Federal Register	March 14, 2008
Site Environmental Audit	Wk of April 14, 2008
Scoping Public Meeting	April 16, 2008
Scoping Comment Period Ends	May 16, 2008
Scoping Summary Report	September 2008
Draft Supplemental EIS Issued	December 2008
Draft Supplemental EIS Public Mtg	February 2009
Final Supplemental EIS Issued	December 2009

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Submitting Comments

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

E-mail: NorthAnna.COLAEIS@nrc.gov

In person: 11545 Rockville Pike
Rockville, Maryland 20852

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Hearing

- ❖ Notice of opportunity to participate in the hearing called intervention issued March 10, 2008
- ❖ Deadline to file intervention petition - **May 9, 2008**
- ❖ 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 5 business days)
- ❖ Hearing covers both Safety and Environmental Issues

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Public Involvement

- ❖ Environmental Review
 - ❖ Scoping Comment Period Ends: **May 16, 2008**
 - ❖ Public Meeting for the Draft SEIS: February 2009
- ❖ Hearing
 - ❖ Deadline to file petition to intervene: **May 9, 2008**
 - ❖ Hearing covers both safety and environmental issues
- ❖ Obtain information on COL review:
www.nrc.gov/reactors/new-licensing/col/north-anna.html

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Additional Information

- ❖ Agency Points of Contacts
 - ❖ Alicia Williamson, Environmental Project Manager
(800) 368-5642 ext. 1878
 - ❖ Thomas Kevern, Lead/Safety Project Manager
(800) 368-5642 ext. 0224
- ❖ Documents viewed at:
 - ❖ Jefferson-Madison Regional Library in Mineral, VA
 - ❖ Hanover Branch Library in Hanover, VA
 - ❖ Orange County Library in Orange, VA
 - ❖ Salem Church Library in Fredericksburg, VA
 - ❖ C. Melvin Snow Memorial Branch Library in Spotsylvania, VA
- ❖ NRC website: www.nrc.gov/reactors/new-licensing/col/north-anna.html