

CCNPP3COLA PEmails

From: Thomas Fredrichs
Sent: Friday, August 08, 2008 8:11 AM
To: hwmimmanuel@yahoo.com
Cc: CCNPP3COL Resource
Subject: Questions About Calvert Cliffs Proposed New Reactor
Attachments: 2008.03.19 Meeting Slides_ML080740457.pdf

Dear Mr. Immanuel,

Thank you for your e-mail correspondence dated July 11, 2008. The answers to your questions are below. Some information about the NRC's process for public participation is included. The attachment contains the slides presented at the March 2008 public scoping meeting held for the Calvert Cliffs project.

Questions and Answers

Question 1: Will there be Federal Funds made available to build this Reactor?, to Constellation?; and or to the State of MD?

Answer 1: Federal funds may be available to the Calvert Cliffs project under certain conditions. As described in regulations issued by the United States Department of Energy (DOE) in the October 23, 2007 edition of the *Federal Register* (72 FR 60116), the Federal government may provide a loan guarantee to build a nuclear power plant, if the project meets a number of criteria. The *Federal Register* notice is available at <http://www.gpoaccess.gov/fr/index.html>. The decision to provide a loan guarantee is made by DOE. To obtain a loan guarantee, the Calvert Cliffs project must submit a request to DOE. If DOE decides to grant the request, the guarantee would be made to the banks that loan money to the Calvert Cliffs project. The Treasury Department's Federal Financing Bank may be the lender, but private banks may also provide funds. Funds borrowed from the Federal Financing Bank, if any, would be Federal funds. Funds borrowed from private banks, if any, would not be Federal funds. The loan must be repaid in full with interest.

No money would be provided to the State under the program.

The DOE regulations did not authorize the NRC to make any loan guarantees. The DOE regulations also did not authorize the NRC to decide whether a nuclear power plant project is qualified for the loan guarantee program.

Question 2: Does the Environmental Justice rule apply to the State of Maryland?; or to Constellation?

Answer 2: Environmental justice policies have been established by the Federal government and state governments. Government agencies follow the policies set by the type of government they are part of.

Environmental justice policies do not apply directly to a private company such as the Calvert Cliffs project. However, when a private company requests a government license or permit, the government agency that issues the license or permit will follow its environmental policy.

The NRC's environmental justice policy is a Federal policy. The text is available from NRC's Electronic Reading Room at <http://www.nrc.gov/reading-rm/doc-collections/commission/policy/69fr52040.pdf>. The NRC will apply its environmental justice policy to the review of combined license applications, including the one for the proposed Calvert Cliffs unit.

The State of Maryland has its own State environmental justice criteria. They are explained at http://www.mde.state.md.us/CitizensInfoCenter/Environmental_Justice/index.asp.

Participation in the NRC Process

NRC invites interested persons to participate in its licensing process for the proposed plant at Calvert Cliffs. Part of that process includes public meetings held in the vicinity of the proposed site to obtain environmental information from people in the area most affected by the proposed project. In addition, the NRC publishes major documents in the *Federal Register* for public comment. Interested persons who are not able to attend public meetings can use written communication to inform the NRC of their concerns, or to provide additional information to the NRC.

Information on the Calvert Cliffs project is available from the NRC Web site at <http://www.nrc.gov/reactors/new-licensing/col/calvert-cliffs.html>. The next formal comment period will be for the draft environmental impact statement (DEIS). Publication of the DEIS is expected in February 2009, if all the information required by the staff has been submitted in a timely manner. A Notice of Availability will be published in the *Federal Register* when the DEIS is published. The comment period will start when the notice is published. Several weeks after the DEIS is issued, a public meeting will be held near the Calvert Cliffs plant, where interested persons can present their comments. However, it is not necessary to attend the meeting in order to make comments to the NRC. You will be able to send comments on the DEIS to NRC by letter or e-mail.

Sincerely,

Thomas Fredrichs, Sr. Project Manager
US Nuclear Regulatory Commission
Office of New Reactors
Division of Site and Environmental Reviews
Rockville, MD 20852

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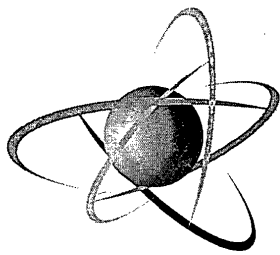
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U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Public Scoping Meeting Calvert Cliffs Units 3 Combined License Application March 19, 2008

James Lyons, Director
Division of Site and Environmental Reviews

Thomas Fredrichs, Senior Project Manager
Division of Site and Environmental Reviews

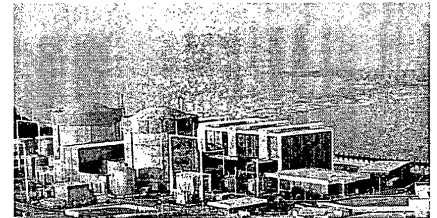
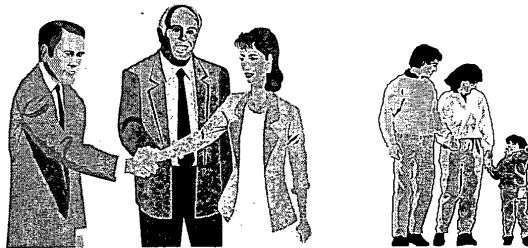


Purposes of this meeting

- Solicit input to the environmental scoping process
- Explain what the NRC does during the review of a combined license application
- Describe how you can participate in the regulatory process



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

- Unistar Nuclear proposed Unit 3 at Calvert Cliffs



Combined License (COL)

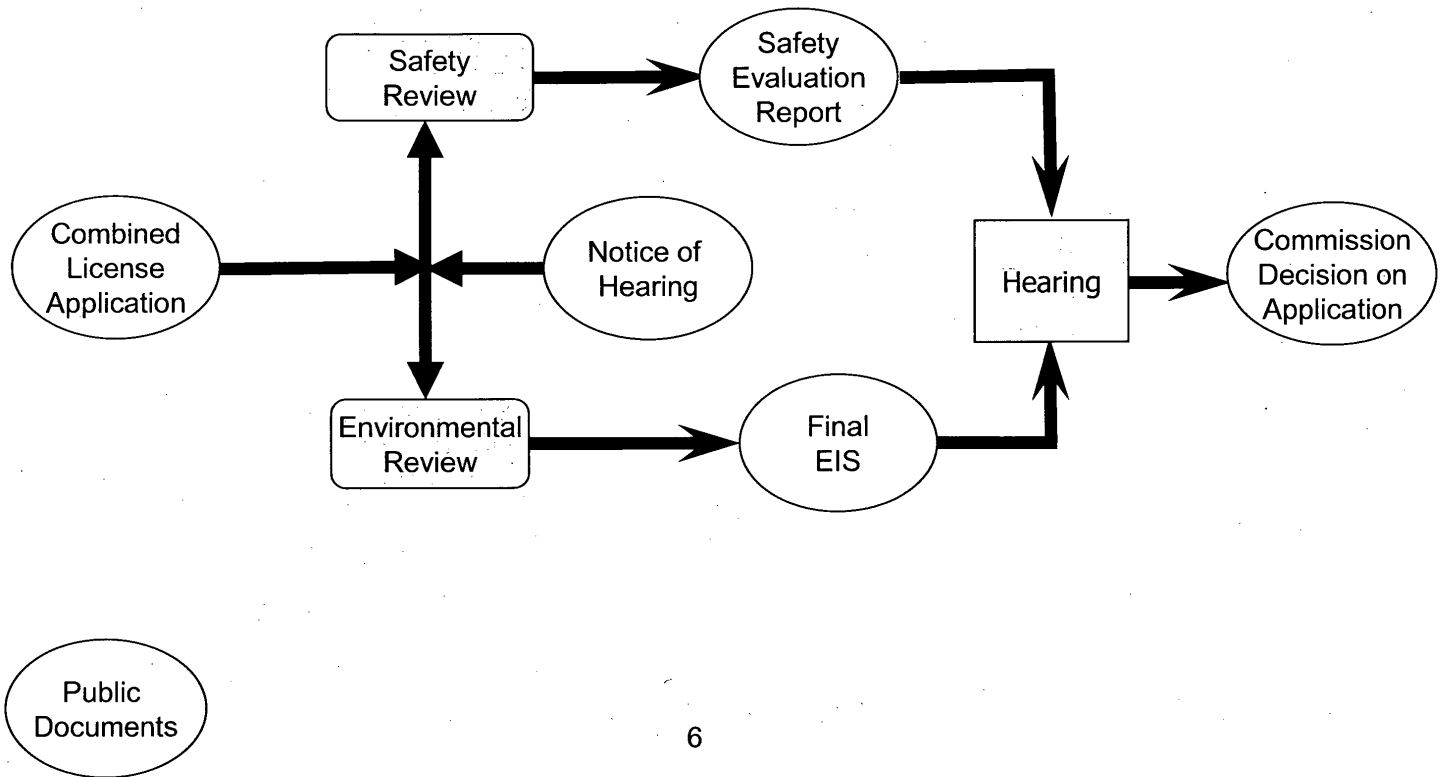
- What: Authorization from the NRC to construct and operate a nuclear power plant at a specific site
- Unistar submitted the Environmental Report (Part 1) of its application in July 2007
 - Supplemented with additional information
- Safety Analysis Report (Part 2) expected in March 2008
- COL for an Evolutionary Pressurized Reactor (EPR)
 - 2 units under construction in Europe



Reviews of Calvert Cliffs COL Application

- NRC will conduct three parallel reviews
- Generic review of the EPR design – “design certification”
- Site-specific safety review of the EPR design as located at Calvert Cliffs
- Environmental impacts of Unit 3 at Calvert Cliffs

Combined License Application Review Process





Safety Review

- Design of facility
- Site Suitability (safety)
- Means of construction
- Quality assurance
- Adequate physical security
- Emergency preparedness (FEMA)
- Operator Training

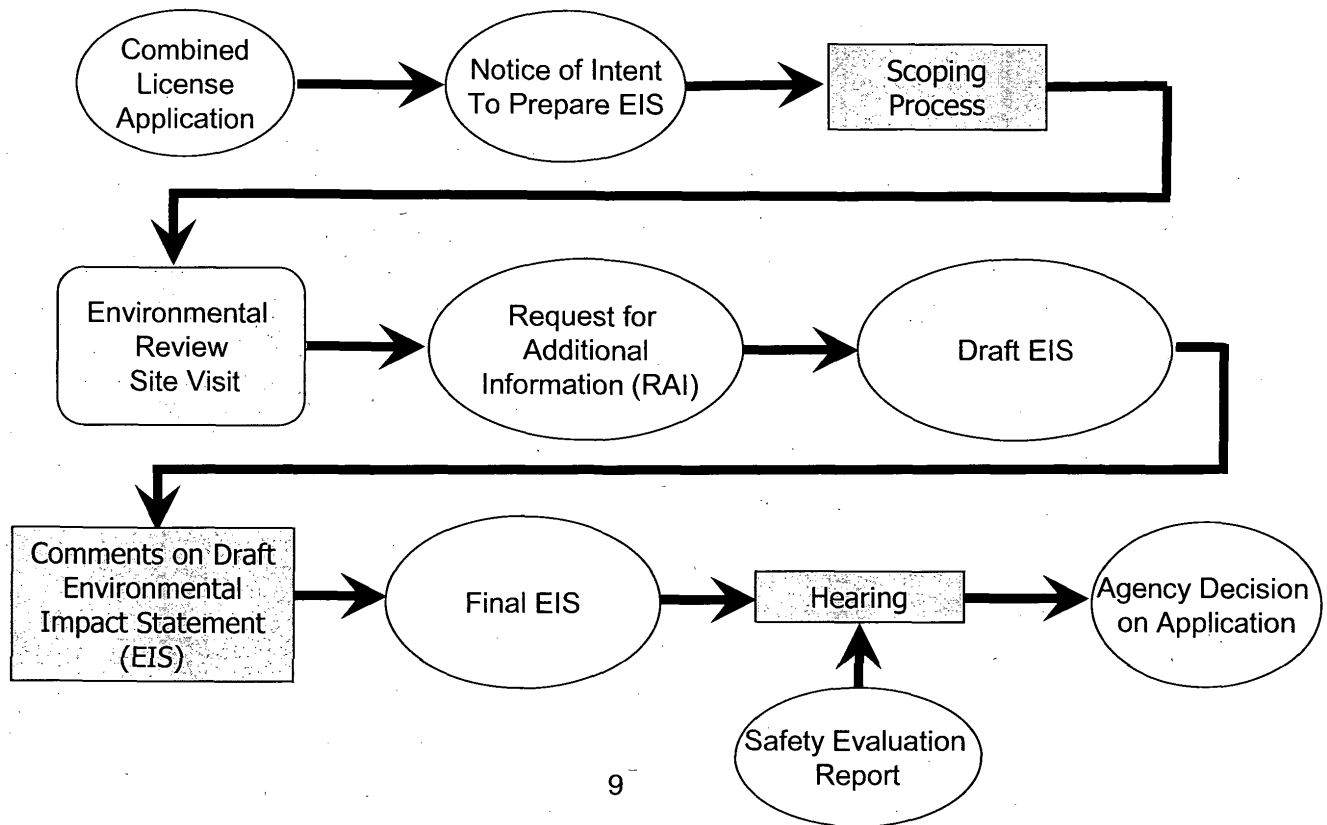


Environmental Review

- National Environmental Policy Act (NEPA) requires Federal agencies to use a systematic approach to consider environmental impacts
- Issuing a combined license is a major Federal action that requires an Environmental Impact Statement (EIS)
- Make informed decisions based on the facts and compliance with U.S. law and NRC regulations
- Clearly document our safety and environmental findings
- Follow established procedures that allow public participation
- Maintain an open and transparent review process



Environmental Review Process





Public Involvement

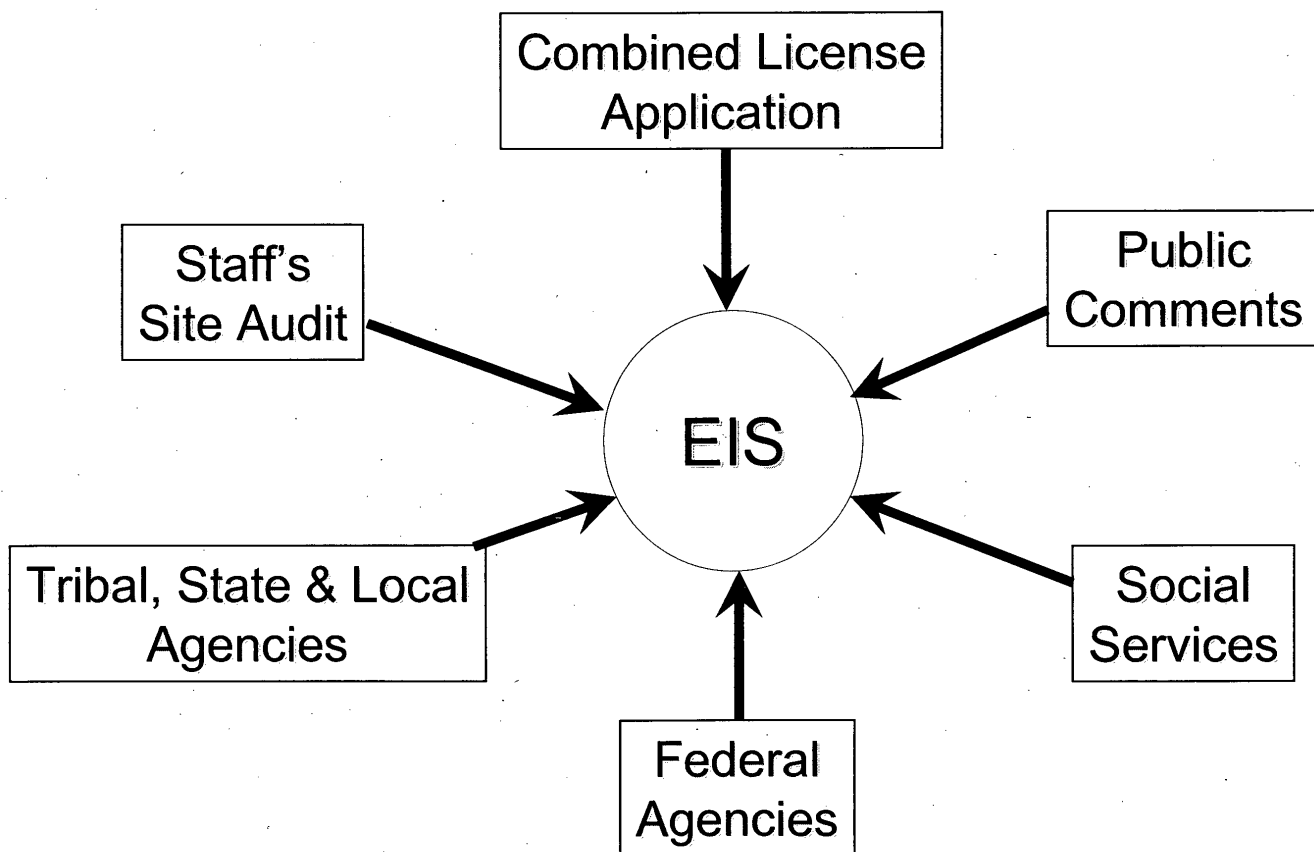
- Public interaction during environmental review
 - Comment periods
 - Public meetings
 - Access to documents
 - Environmental Report and EIS in local library
- Hearing
 - Opportunity to request a hearing will be published after docketing Part 2 of the COL
 - 60 day deadline after publication to file request
 - Hearing covers both safety and environmental issues
- Calvert Cliffs web page: <http://www.nrc.gov/reactors/new-licensing/col/calvert-cliffs.html>



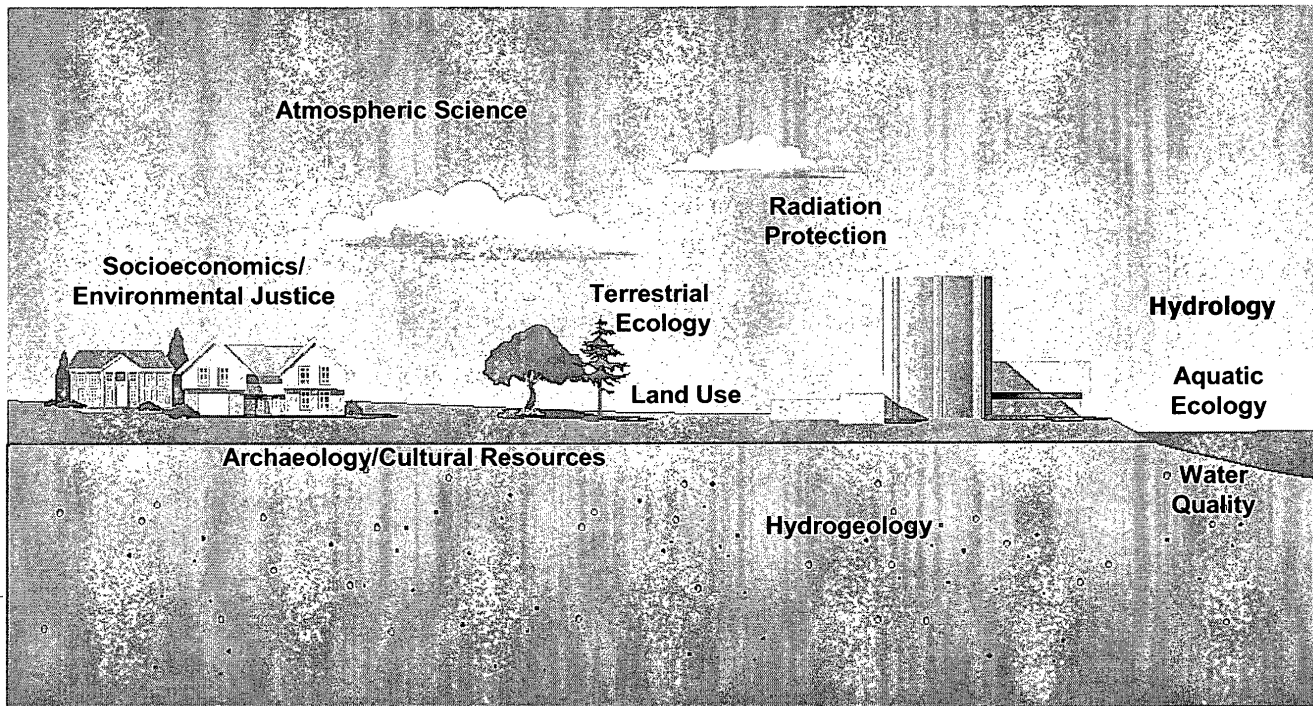
Environmental Scoping

- This process helps determine the scope of the review
- Comments during the scoping period can be provided through April 14, 2008
- Draft EIS will provide responses to comments received

Information Gathering



Environmental Review Team Expertise





Environmental Review Summary

- Evaluate environmental impacts of construction and operation
- Informed & systematic decision making
 - NUREG-1555, “Environmental Standard Review Plan” provides guidance for review
- Provide for public involvement
- Clearly document our safety and environmental findings
- Maintain an open and transparent review process



Current Status of Calvert Cliffs COL

- Part 1 of the application accepted for docketing on January 25, 2007
- Part 2 expected March 2008
- Safety review started for Part 1



Current Status Environmental Review

- Review of the Environmental Report started
- Site environmental audit in progress
- Scoping period in progress
 - Notice of Intent published February 14, 2008
 - Comment period extends to April 14, 2008
- Draft environmental impact statement (EIS) expected in Spring 2009
- Final EIS in Spring 2010



Hearing

- Notice of opportunity to request a hearing will be published after Part 2 is docketed
 - Deadline to file request is 60 days after publication
- e-filing is required
 - Instructions are on NRC website and in the hearing notice
 - At least one business day to complete: don't wait to last day
- Hearing covers both safety and environmental issues



NRC Addresses

- Provide Comments
 - At this meeting: written comments can be provided today
 - By mail: Chief, Rules and Directives Branch
Division of Administrative Services
Mailstop T6-D59
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001
 - E-mail: CalvertCliffs.COLAEIS@nrc.gov
 - In person: 11545 Rockville Pike
Rockville, Maryland 20852



NRC CONTACTS

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