



**USNRC**

UNITED STATES NUCLEAR REGULATORY COMMISSION

## Susquehanna Steam Electric Station License Renewal Process and Environmental Scoping Meeting

11/15/2006

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### Purpose of Today's Meeting

- Provide an overview of NRC and the license renewal process
- Talk about Safety and Environmental reviews
- Provide review schedule
- Receive public input on environmental review
  - Describe how to submit comments
  - Accept comments today

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### NRC Regulatory Oversight

- NRC's Governing Statutes
  - Atomic Energy Act
  - National Environmental Policy Act (NEPA)
- NRC's Mission
  - Protect Public Health and Safety
  - Promote Common Defense and Security
  - Protect Environment

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## Susquehanna Steam Electric Station

- Current operating license expires on
  - Unit 1 – 07/17/2022
  - Unit 2 – 03/23/2024
- License Renewal Application submitted on 09/13/2006
  - Application requests authorization to operate the plant for an additional [usually 20] years
- License Renewal Application located at
  - Berwick Public Library, Berwick, PA
  - Mill Memorial Library, Nanticoke, PA

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## License Renewal Principles

- Two Guiding Principles
  - The regulatory process is adequate to ensure the safety of all currently operating plants.
  - Plant-specific licensing basis must be maintained during the renewal term in the same manner and to the same extent as during the original licensing term.
- License Renewal Safety Review
  - The effects of aging during extended period are given special attention.

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## Content of Application

- General Information
- Technical Information
  - Integrated plant safety assessment
  - Time limited aging analyses (TLAAs)
  - Final safety analysis report supplement
- Technical Specification Changes
- Environmental Report Supplement

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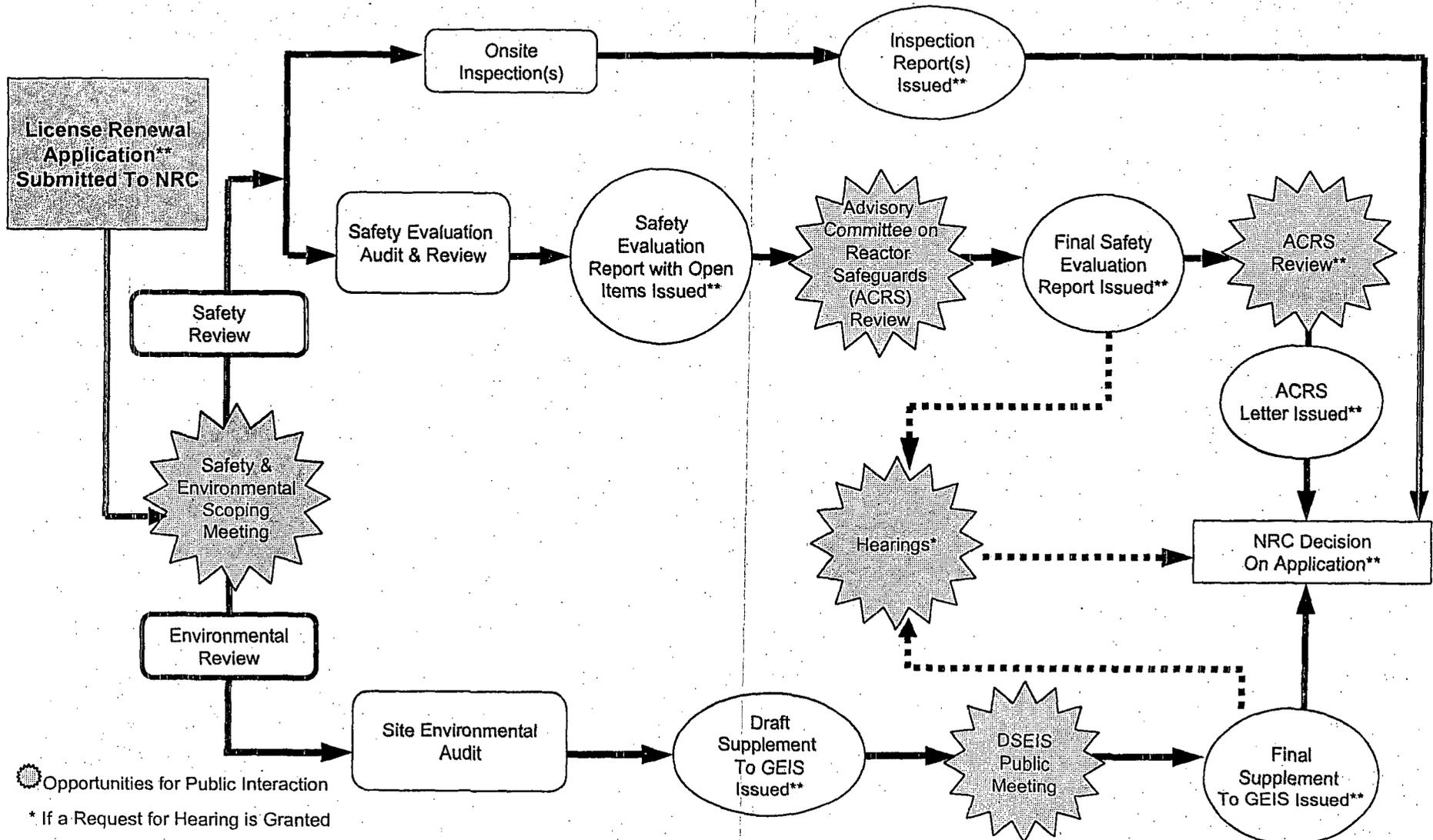
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# License Renewal Process



● Opportunities for Public Interaction

\* If a Request for Hearing is Granted

\*\* Available at [www.nrc.gov](http://www.nrc.gov)



## Environmental Review (10 CFR Part 51)

➤ An Environmental Impact Statement (EIS) is required for major Federal actions significantly affecting the quality of the human environment

➤ Scope

- Generic (Programmatic) Environmental Impact Statement (GEIS)
- Site specific Supplemental Environmental Impact Statement (SEIS)
  - Focused on assessment of site-specific issues
  - The SEIS also looks for new and significant information on generic conclusions reached in the GEIS

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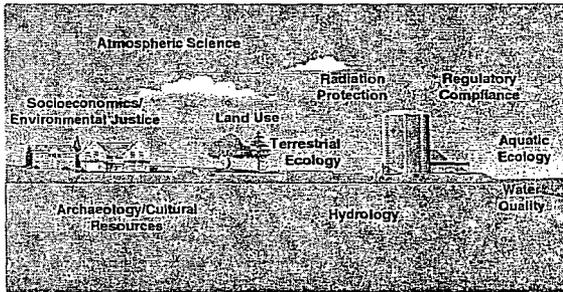
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## Components of the Environmental Review




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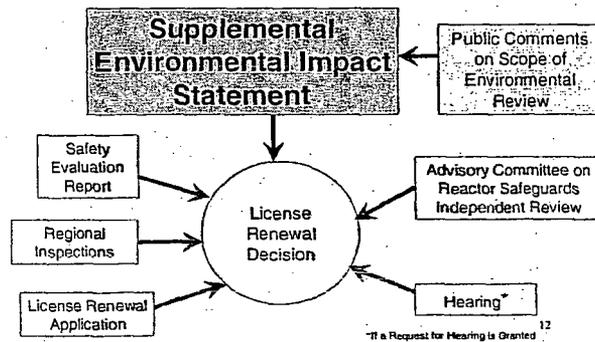
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## Role of Public Comments




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## Submitting Comments on the Scope of the Environmental Review

Provide written comments:

- > By mail: Chief, Rules and Directives Branch  
Division of Administrative Services  
Mailstop T-6D59  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555
- > E-mail: SusquehannaEIS@nrc.gov
- > In person: 11545 Rockville Pike  
Rockville, Maryland

Comments should be submitted by January 2, 2007.

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## Review Schedule

- |                                                 |                     |
|-------------------------------------------------|---------------------|
| > Application Received                          | September 15, 2006  |
| > Notice of Opportunity for Hearing and Scoping | September 20, 2006* |
| > Safety and Environmental Scoping Meeting      | November 15, 2006*  |
| > Environmental Scoping Period Closes           | January 2, 2007*    |
| > Hearing Opportunity Closes                    | January 2, 2007     |
| > Draft SEIS issued for Public Comment          | TBD*                |
| > Draft SEIS Public Meeting                     | TBD*                |
| > Draft SEIS Comments Period Closes             | TBD*                |
| > Draft SER with open items issued              | TBD                 |
| > Final SER issued                              | TBD                 |
| > Final SEIS issued                             | TBD                 |
| > Regional Inspection Review complete           | TBD                 |
| > ACRS Review complete                          | TBD*                |
| > License Renewal Decision (with Hearing)       | TBD                 |

\* Opportunities for public involvement in the review.

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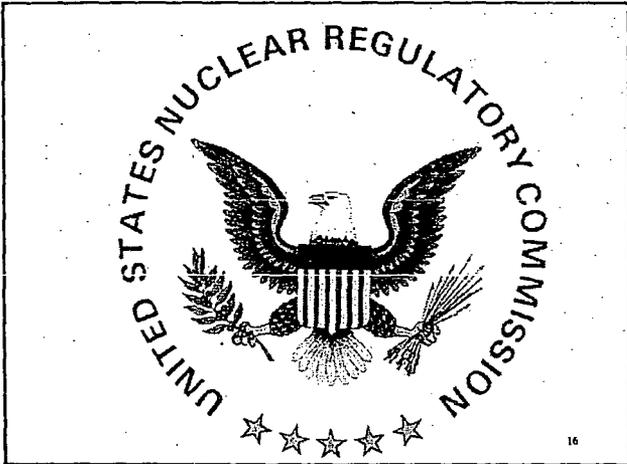
## Additional Information

- > Agency Phone Number: (800) 368-5642
- |                                |                                |
|--------------------------------|--------------------------------|
| <u>Safety Contacts:</u>        | <u>Environmental Contacts:</u> |
| Yoira Diaz Sanabria, ext. 1594 | Alicia Mullins, ext. 1224      |
| Evelyn Gettys, ext. 4029       | Jennifer Davis, ext. 3835      |

- > Documents located at:
  - Berwick Public Library, 205 Chestnut Street Berwick, PA 18603
  - Mill Memorial Library, 495 E. Main Street, Nanticoke, PA 18634

- > Documents can also be viewed at the NRC's Web site  
([www.nrc.gov/reactors/operating/licensing/renewal/applications.html](http://www.nrc.gov/reactors/operating/licensing/renewal/applications.html))

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**Comments on the Scope  
of the  
Staff's Environmental Review  
for  
Susquehanna Steam Electric Station  
License Renewal**

11/15/2006

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