



USNRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Susquehanna Steam Electric Station License Renewal Process and Environmental Scoping Meeting

11/15/2006

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.

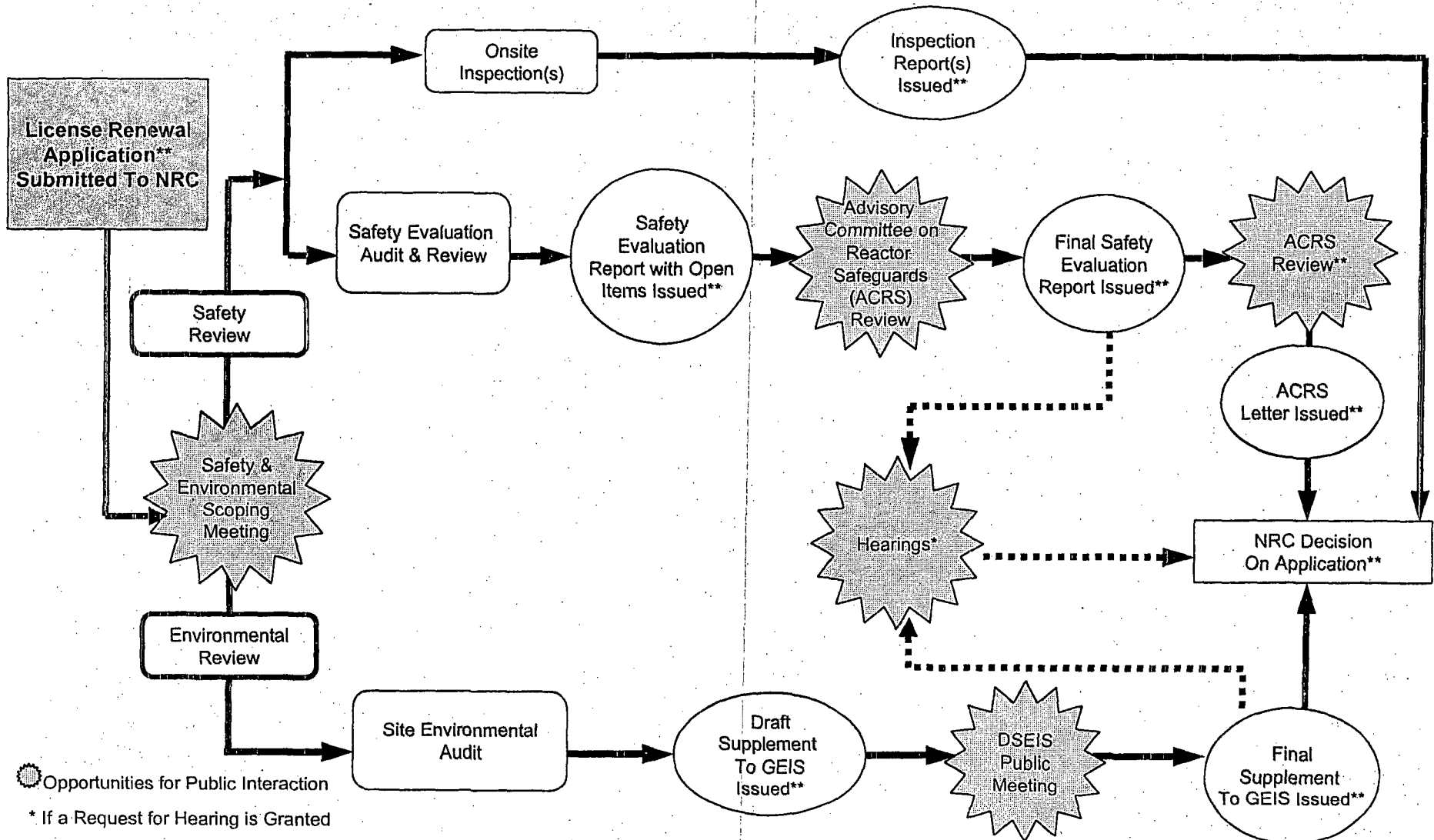
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Content of Application

- 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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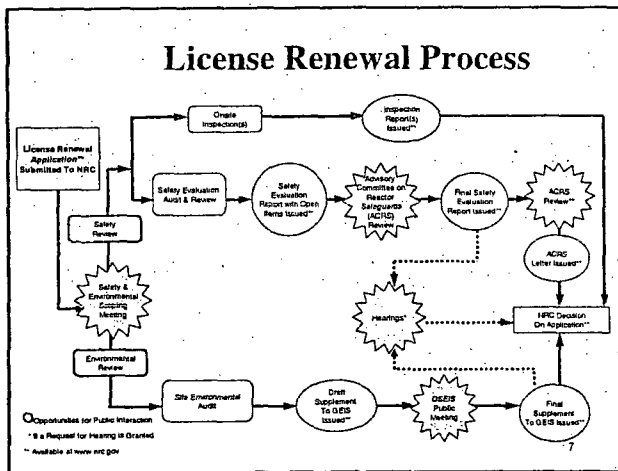
License Renewal Process



● Opportunities for Public Interaction

* If a Request for Hearing is Granted

** Available at www.nrc.gov



Safety Review (10 CFR Part 54)

- Safety Review
 - Review of application and supporting documentation
 - On-site audits
 - Issuance of Safety Evaluation Report
- On-site regional inspections
- Independent review by the Advisory Committee on Reactor Safeguards

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Ongoing Regulatory Oversight

- Emergency Planning
 - 10 CFR 50.47
- Security
 - 10 CFR Part 73
- Current Safety Performance
 - <http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/index.html>

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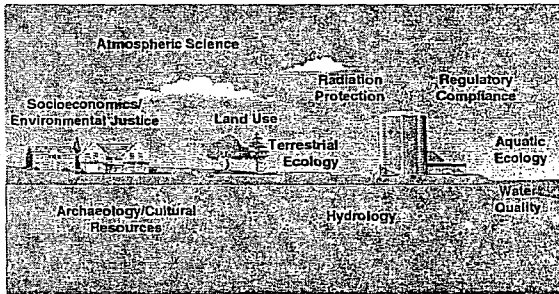
Environmental Review (10 CFR Part 51)

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

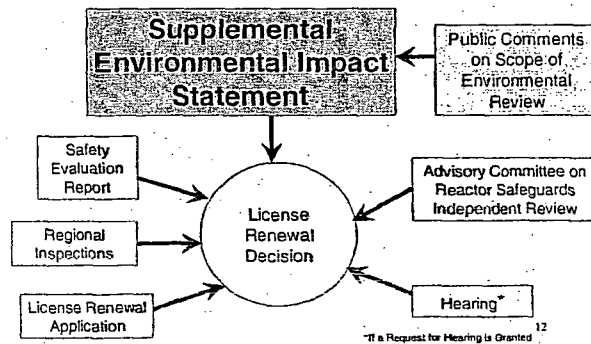
➤ Scope

- 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

Components of the Environmental Review



Role of Public Comments



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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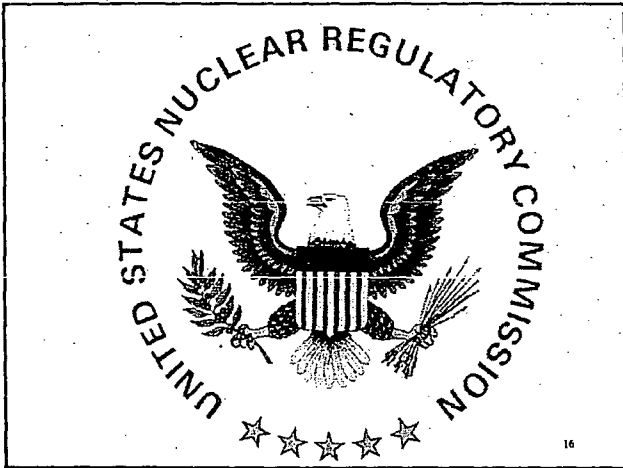
Additional Information


- > 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)


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UNITED STATES NUCLEAR REGULATORY COMMISSION

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

11/15/2006

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