UNITED STATES NUCLEAR REGULATORY COMMISSION

License Renewal Process Public Information Session Monticello Nuclear Generating Plant

U.S. Nuclear Regulatory Commission

Wednesday, April 20, 2005

Purpose of Today's Meeting

- Describe the NRC's license renewal process
- Describe the safety review process
- Explain the public participation process
- Describe how to get additional information

NRC Regulations

- Atomic Energy Act of 1954
- Title 10 of the Code of Federal Regulations Part 54

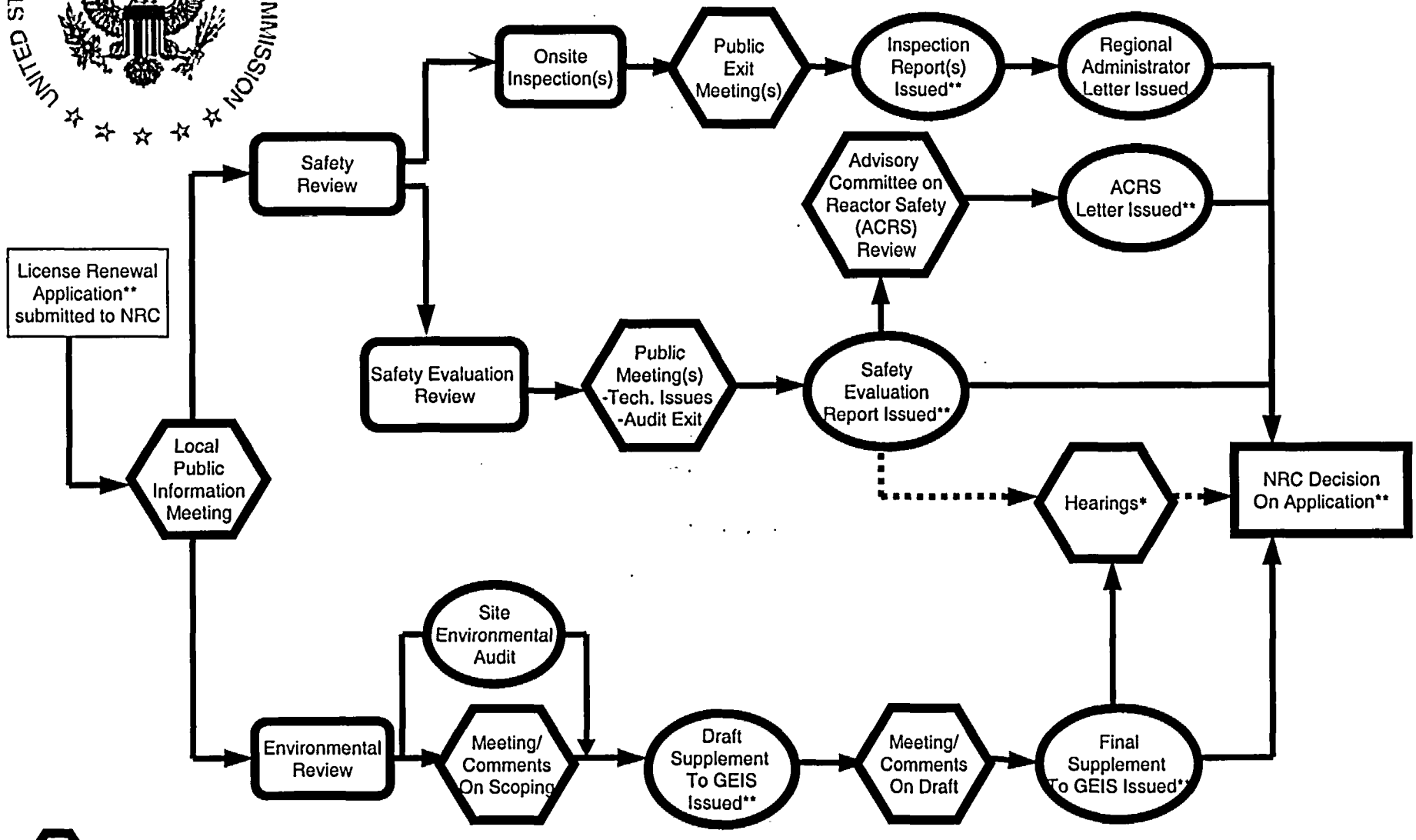
Monticello Nuclear Generating Plant License Renewal

- Current operating license expires on September 8, 2010
- Application dated March 16, 2005
- Application requests authorization to operate the unit for an additional 20 years

NRC's License Renewal Review

- Safety Review
- Environmental Review
- Plant Inspections
- Advisory Committee on Reactor Safeguards (ACRS)

License Renewal Process



Opportunities for Public Interaction

* If a Request for Hearing is Granted

** Available at www.nrc.gov

Principles of License Renewal

- Regulatory process is adequate for ensuring safety of operating plants
- Current licensing basis is adequate and carries forward into period of extended operation

Safety Review Process

- Technical Evaluation
  - Integrated Plant Assessment
  - Audit Programs
- On-Site Plant Inspections
  - Scoping and Screening
  - Aging Management Program Inspection

Technical Evaluation

- Focuses on Passive, Long-Lived, Structures and Components
- Evaluates effectiveness of aging management programs
- Analyzes Time-Limited Aging Effects

Scope of License Renewal Rule

- Safety-related systems, structures, and components relied upon to:
  - Maintain integrity of the reactor coolant pressure boundary
  - Ensure capability to shut down and maintain a safe shutdown condition
  - Prevent or mitigate offsite exposures

Scope of License Renewal Rule (Cont'd)

- Non-safety-related systems, structures, and components whose failure could prevent satisfactory accomplishment of safety-related functions, as outlined above.
- Systems, structures, and components relied upon for compliance with the following regulations: Fire protection, Environmental qualification, Pressurized thermal shock, Anticipated transients without scram, and Station Blackout

Safety Evaluation Report

- Documents the basis and conclusions of the staff's Safety Review
- ACRS provides independent review of the Safety Evaluation Report

Guidance Documents

- Standard Review Plan for Review of License Renewal Applications for Nuclear Power Plants (NUREG-1800)
- Generic Aging Lessons Learned Report, GALL (NUREG-1801)
- Regulatory Guide 1.188, Standard Format and Content for Applications to Renew Nuclear Power Plant Operating Licenses

Ten Attributes for Acceptable Aging Management Programs

- SCOPE
- PREVENTIVE ACTION
- PARAMETERS MONITORED/ INSPECTED
- AGING EFFECT
- MONITORING AND TRENDING
- ACCEPTANCE CRITERIA
- CORRECTIVE ACTIONS
- CONFIRMATION PROCESS
- ADMIN CONTROLS
- OPERATING EXPERIENCE

Opportunities for Public Participation

- 60-day opportunity to request a hearing
- Environmental Scoping Public Meeting
- Draft Environmental Impact Statement Public Meeting
- ACRS Meetings
- Public Meetings on Safety Review

Typical Review Schedule

➢ Receive License Renewal Application	Month 0
➢ Conduct Public Information Session	Month 1
➢ Publish Notice of Opportunity for Hearing	Month 2
➢ Conduct Environmental Scoping Meeting	Month 4
➢ Conduct Draft SEIS Public Meeting	Month 12.5
➢ Complete ACRS Review	Month 20.5
➢ Make Decision on Application (with Hearing)	Month 30

Point of Contact

- Agency Point of Contact:

  Daniel J. Merzke
  1-800-368-5642 Ext. 3777
  Email: dxm2@nrc.gov

- Documents are located at Monticello Public Library, 200 West 6th Street, Monticello, MN 55362

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