



U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

License Renewal Process Overview

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Division of License Renewal



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



Indian Point License Renewal

- Indian Point Unit 2
 - License expires 9/28/2013
- Indian Point Unit 3
 - License expires 12/15/2015
- Application Received on
April 30, 2007



Content of Application

- General Information about the plant owner or operator
- Technical Information about plant structures and components and how the applicant proposes to manage aging
- Changes to plant Technical Specifications
- Environmental Report



License Renewal Review

- **Safety Review**
 - Focus is on the effects of aging of components and structures important to plant safety
 - Staff review is to determine that aging effects will be effectively managed

- **Environmental Review**
 - Considers, analyzes, and discloses environmental impacts of continued plant operation for an additional 20 years
 - Staff review is to determine if the environmental impacts of license renewal are so great that license renewal would be unreasonable



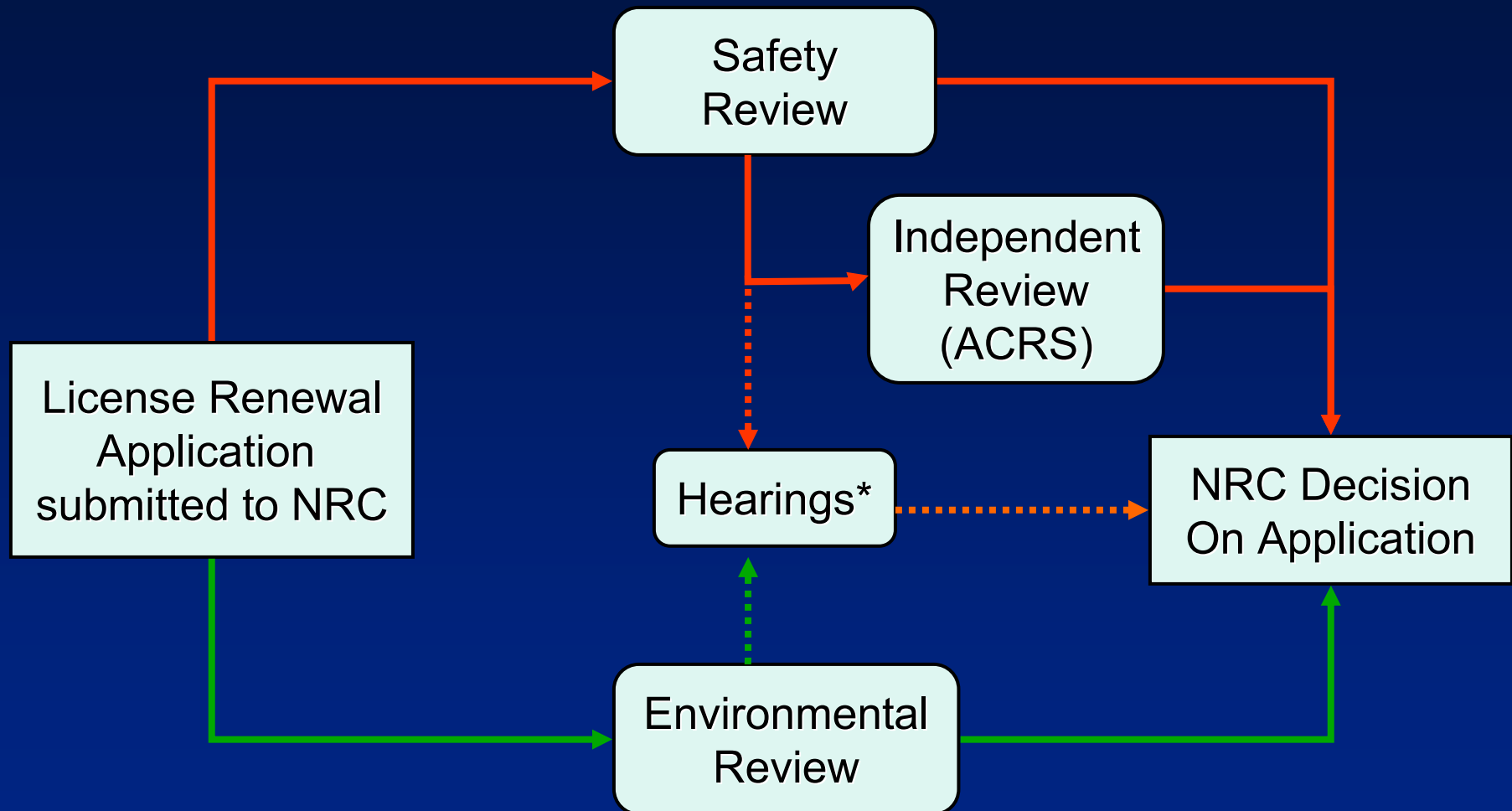
Ongoing Regulatory Oversight

- Emergency Planning
 - 10 CFR 50.47

- Security
 - 10 CFR Part 73

- Current Safety Performance

License Renewal Process



* If a Request for Hearing is Granted



License Renewal Safety Principles

- The ongoing regulatory process is adequate to ensure the safety of all currently operating plants
- The same plant operating rules apply during the renewal term
 - NRC applies additional conditions for aging management



Safety Review (10 CFR Part 54)

- Safety Review by NRC technical staff
 - Review application and supporting documentation
 - On-site audits
 - Issue Safety Evaluation Report

- On-site inspections by NRC staff

- Independent review by the Advisory Committee on Reactor Safeguards



Environmental Review (10 CFR Part 51)

- National Environmental Policy Act (NEPA)
 - Informs Federal decision making
 - Public disclosure of environmental impacts and other considerations
- NRC's Environmental Regulations
10 CFR Part 51
- Staff prepares an Environmental Impact Statement

Environmental Impact Statement

➤ Staff Evaluates Impacts to Resources

- Wildlife and Fish
- Water and Air Resources
- Historical or Cultural Resources
- Taxes, Community Development, Environmental Justice
- Human Health
- Land Use





Critical Review Milestones

- Acceptance Review
- Public Scoping Meeting
- Technical Review
- Draft Environmental Impact Statement
- Public Meeting - Comments on Draft EIS
- Safety Evaluation Report with Open Items
- Independent review by ACRS
- Final Environmental Impact Statement
- Safety Evaluation Report



Opportunities for Public Involvement*

- Opportunity for Hearing
- Environmental Scoping Activities
- Public Meeting - Environmental Scoping
- Draft Environmental Impact Statement
- Public Meeting - Comments on Draft EIS
- Public Meeting - Regional Inspection
- Independent review by ACRS

**Federal Register* Notice and Press Release



Final Agency Decision

- Commission considers
 - The results of the safety review
 - Environmental Impact Statement
 - NRC Inspection findings and conclusions
 - Recommendations from the Advisory Committee for Reactor Safeguards
 - Outcome of hearing process

- Typical License Renewal Review
 - 22 months, without a hearing
 - 30 months if a hearing is conducted