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# License Renewal Process Overview

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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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# 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

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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/IP2/ip2_chart.html
  - http://www.nrc.gov/NRR/OVERSIGHT/ASSESS/IP3/ip3_chart.html

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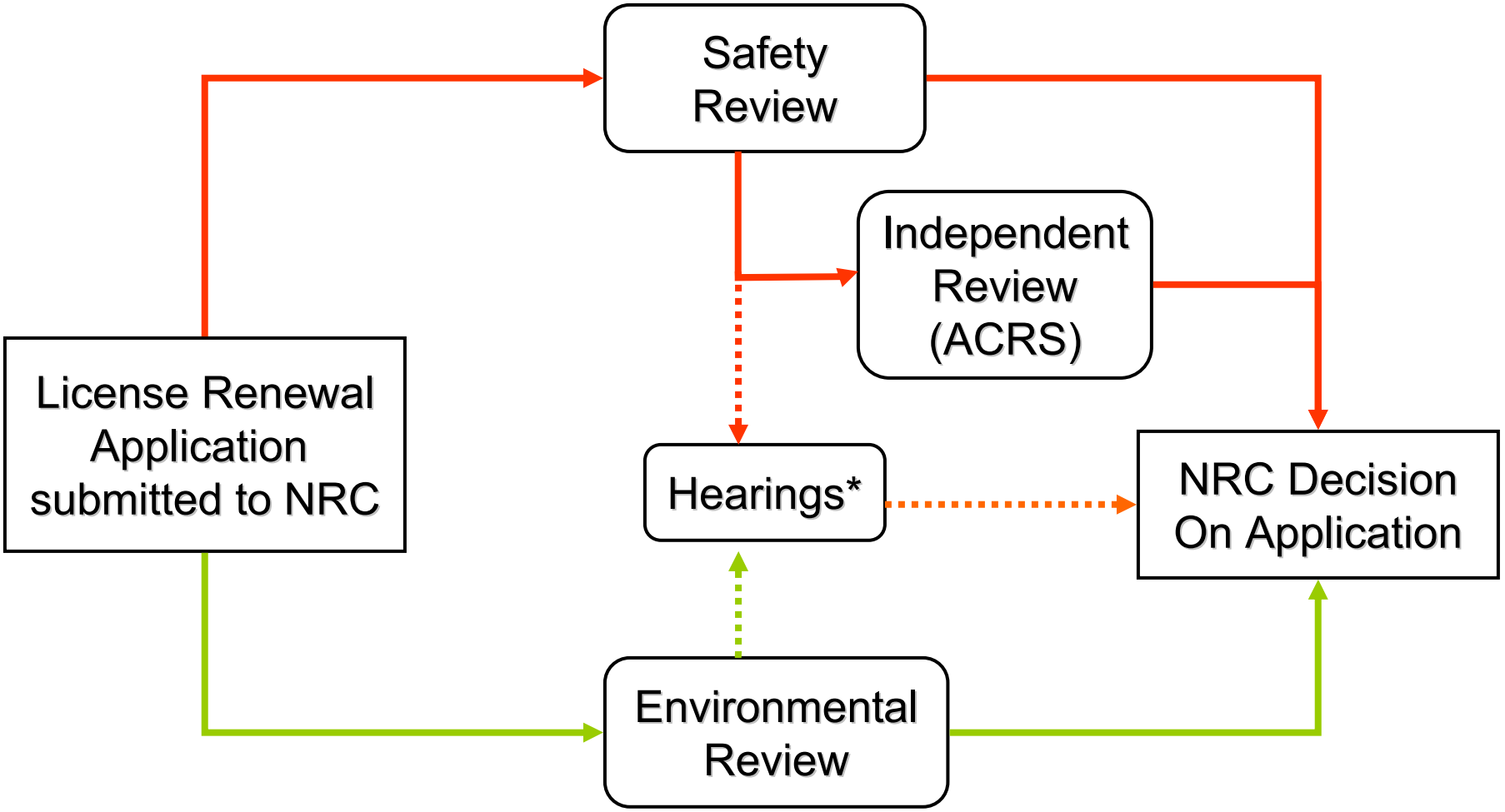
# License Renewal Process




* If a Request for Hearing is Granted

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# 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

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# 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 (ACRS)

# 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

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# 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

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# 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

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# 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