License Renewal Scoping Meeting Comanche Peak Nuclear Power Plant, Unit 1 and 2

February 23, 2023

Emmanuel Sayoc, Safety Project Manager
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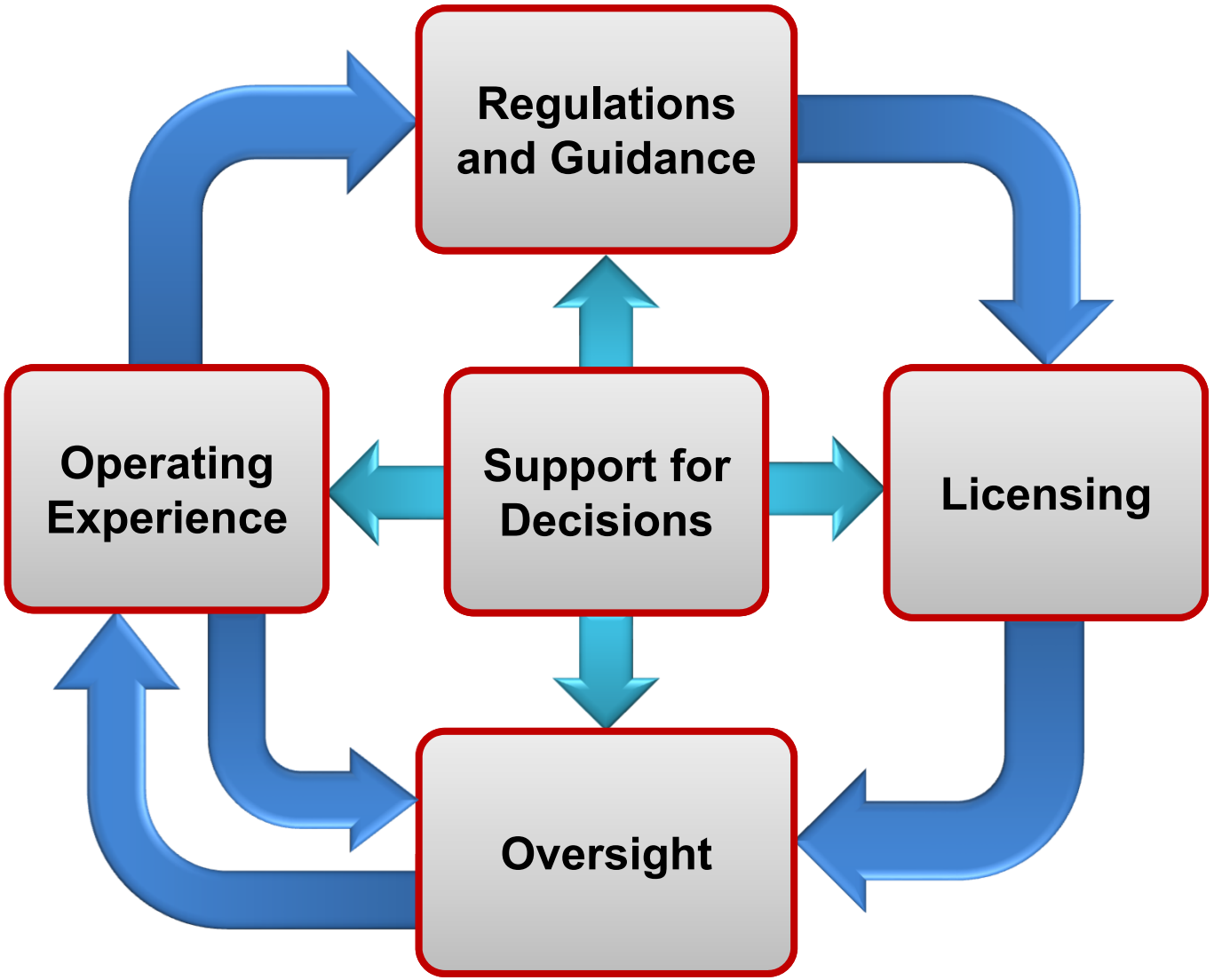
NRC's Governing Legislation and Mission

- **NRC's Primary Governing Statutes**
  - Atomic Energy Act
  - Energy Reorganization Act
  - National Environmental Policy Act (NEPA)

- **NRC's Mission**
  - Protect public health and safety
  - Promote the common defense and security
  - Protect the environment

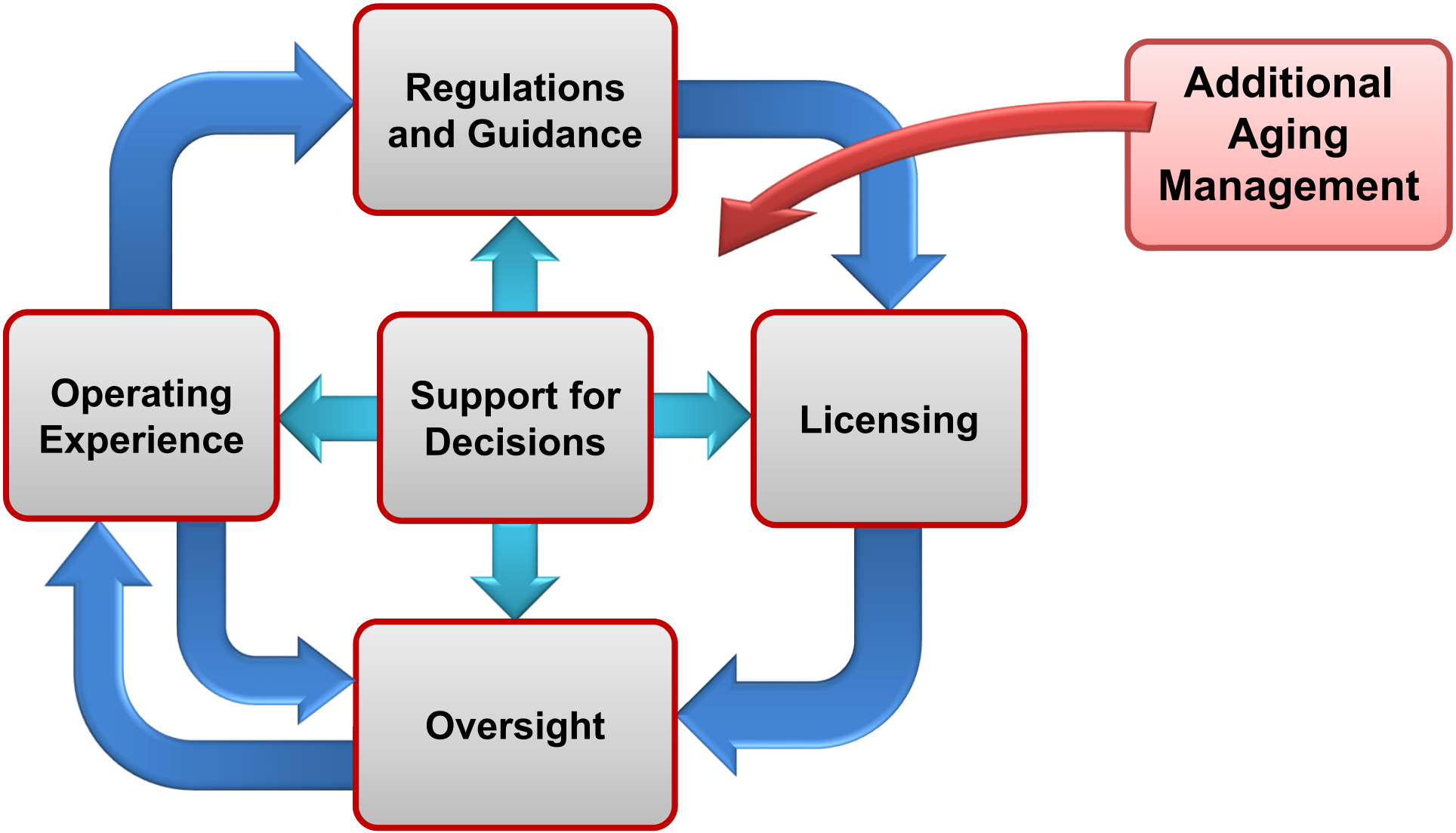
NRC's Regulatory Framework



Comanche Peak Nuclear Power Plant

- Operating license issued on February 8, 1990 (Unit 1), and February 2, 1993 (Unit 2)
- Commercial operation began on August 13, 1990 (Unit 1), and August 3, 1993 (Unit 2)
- Current 40-year license expires on February 8, 2030 (Unit 1) and February 2, 2033 (Unit 2)
- License renewal application October 3, 2022
- License renewal request an additional 20 years

License Renewal



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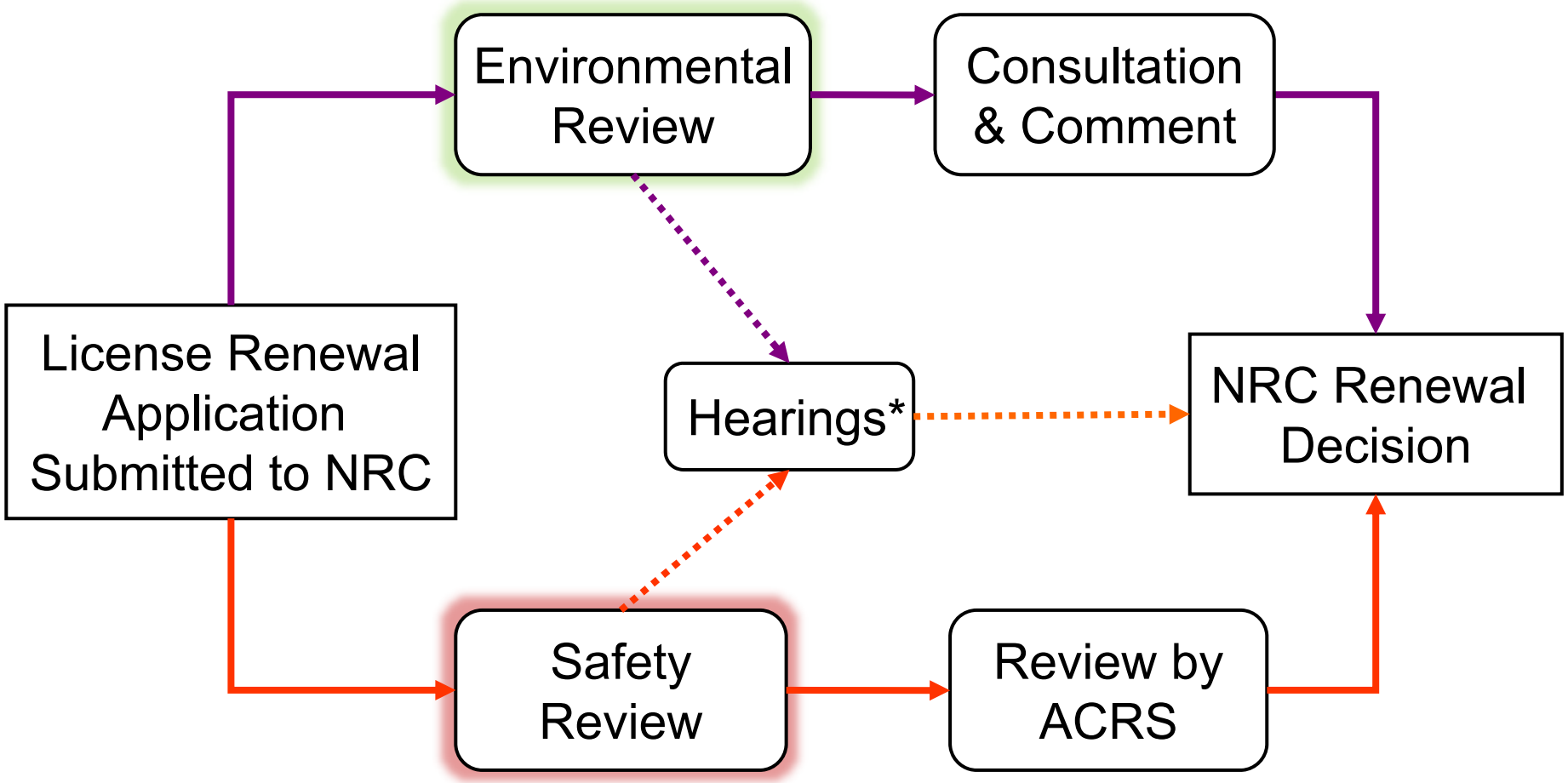
License Renewal Principles

- Regulatory process ensures that the current licensing basis provides and maintains an acceptable level of safety

- Each plant's current licensing basis must be maintained during the renewal term in the same manner, and to the same extent, as during the original licensing term with the addition of aging management activities to comply with Part 54

License Renewal Process



* If a Request for Hearing is Granted

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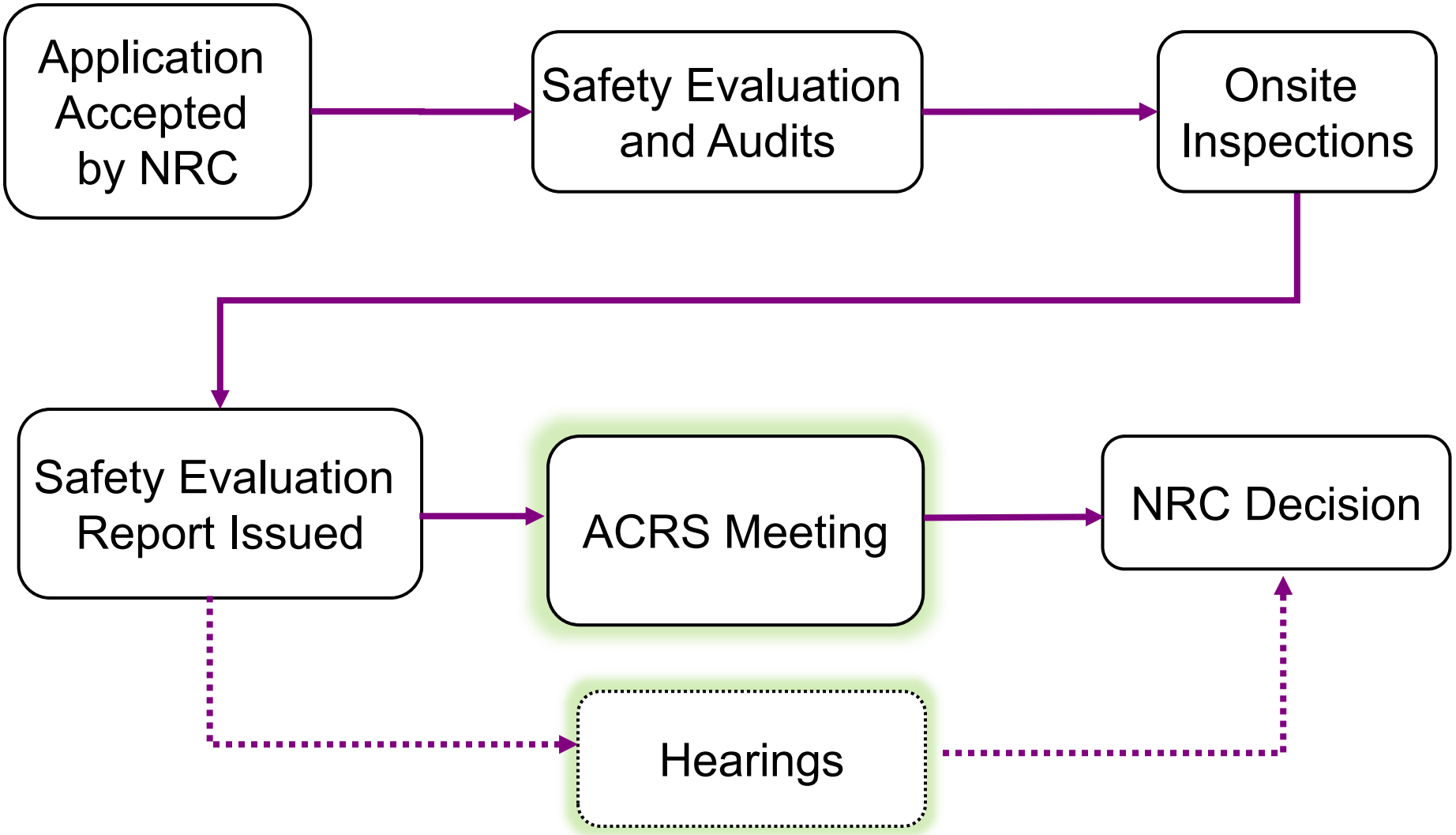
Safety Review



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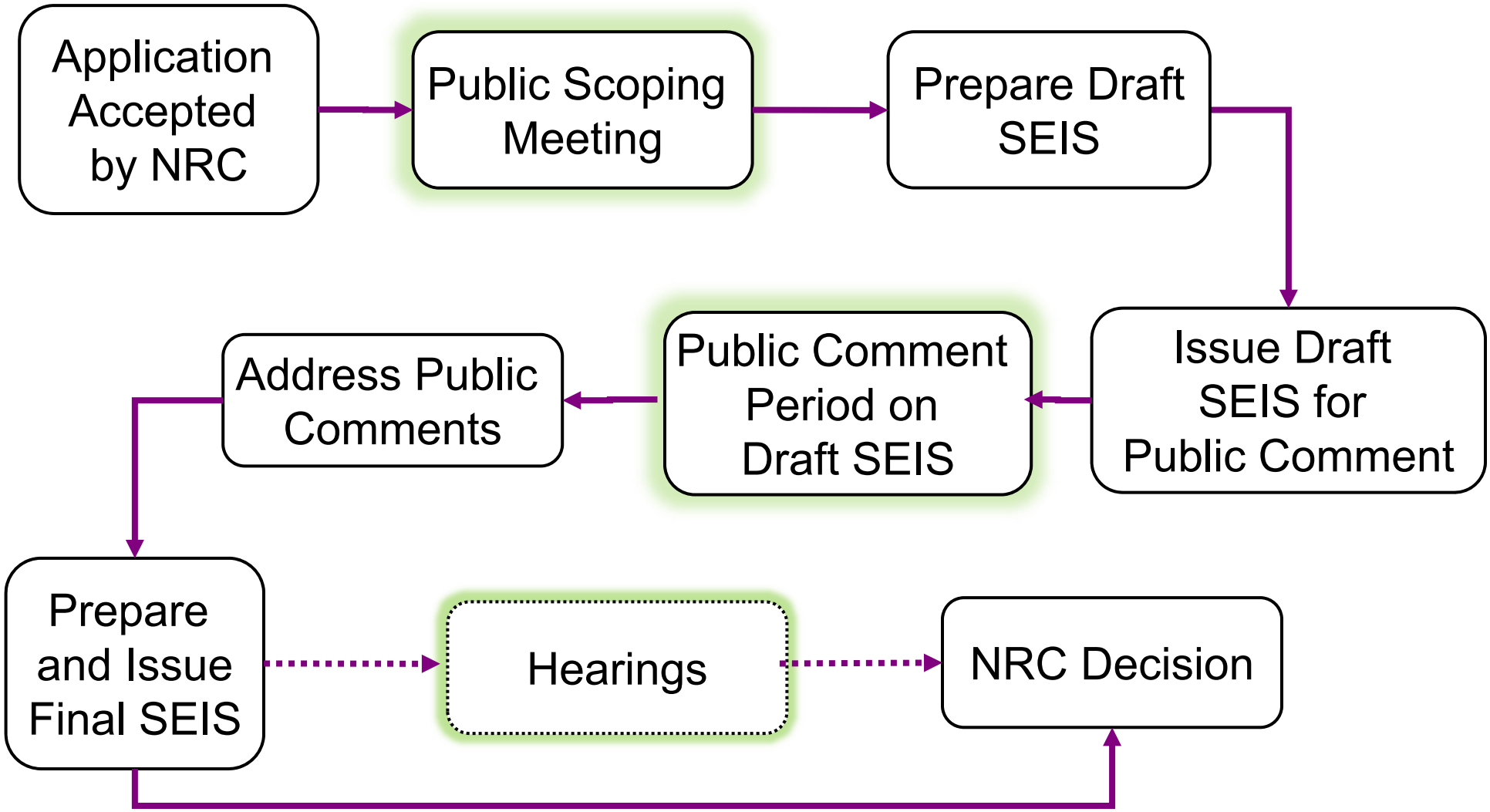
Environmental Review (NEPA & 10 CFR 51)



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EIS Scoping Process

- Process to determine
  - the scope of issues and
  - alternatives to be considered in the EIS

- Scoping is intended to ensure that problems are identified early and properly studied

Components of Scoping

Scoping is used to:

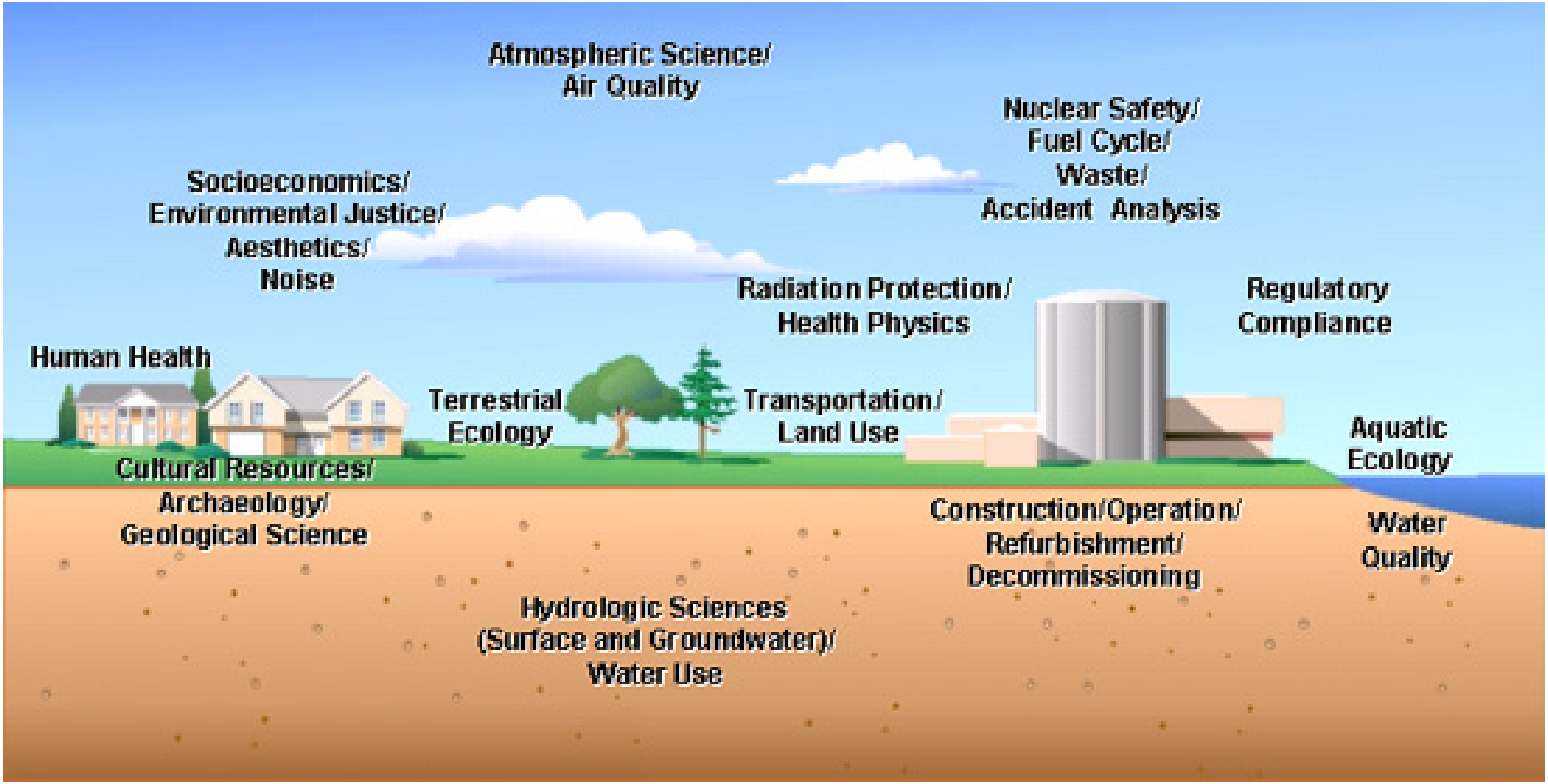
- Define Proposed Action
- Identify Significant Issues
- Identify Consulting Agencies
- Assemble Interdisciplinary Review Team
- Determine Data Needs

Scoping Documentation

- Notice of Intent to Prepare EIS and Conduct Scoping
- Scoping Consultation Letters
- Press Releases and Local Newspaper Ads
- Public Meeting(s)
- Scoping Summary Report

Supplemental EIS

- Environmental issues evaluated by SMEs



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Supplemental EIS

- Coordination with Local, State, and Federal Agencies

Agency Decision

- Safety Evaluation Report (SER)
- Environmental impact statement (EIS)
- NRC inspection findings and conclusions
- Advisory Committee for Reactor Safeguards
- Hearings (as needed)

Review Milestones

Application Received	October 3, 2022
Application is Accepted	November 23, 2022
Notice of Opportunity for Hearing	December 13, 2022
Environmental Scoping Meeting	January 17, 2023
Environmental Scoping Meeting	February 23, 2023
Hearing Opportunity Closes	*March 1, 2023*
Scoping Comments Due	*March 13, 2023*
Issue Draft SEIS for public comment	September 2023
Issue Draft SER	December 2023
ACRS Subcommittee Meeting	February 2024
Issue Final SER	March 2024
Issue Final SEIS	April 2024
ACRS Full Committee Meeting	June 2024
Agency Decision (w/o hearing)	September 2024

How to Submit Comments After the Meeting

- **By mail:**

  Office of Administration,
  Mailstop: TWFN-7-A60M,
  U.S. Nuclear Regulatory Commission
  Washington, D.C. 20555-0001

- **Internet:** www.regulations.gov,
  Docket ID: NRC-2022-0183

  Email: ComanchePeakEIS@nrc.gov

- **Comments due by March 13, 2023**

Additional Information About Hearings

- NRC hearings are legal proceedings before administrative judges.
- If you plan to petition to intervene, procedures are in NRC regulations at 10 CFR 2.309. https://www.nrc.gov/reading-rm/doc-collections/cfr/index.html
- Petitions must:
  - Demonstrate standing
  - Include contentions that meet admissibility standards
- File by March 1.

Keeping Up to Date

- Website for Comanche Peak Nuclear Power Plant Unit 1 and 2 license renewal review

  https://www.nrc.gov/reactors/operating/licensing/renewal/applications/comanche-peak.html

- Comanche Peak Nuclear Power Plant Unit 1 and 2 Listserv:

  http://www.nrc.gov/public-involve/listserver/plants-by-region.html

Contact Information

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