

Duane Arnold Energy Center

Subsequent License Renewal Application (SLRA)

Pre-Application Meeting

October 21, 2026

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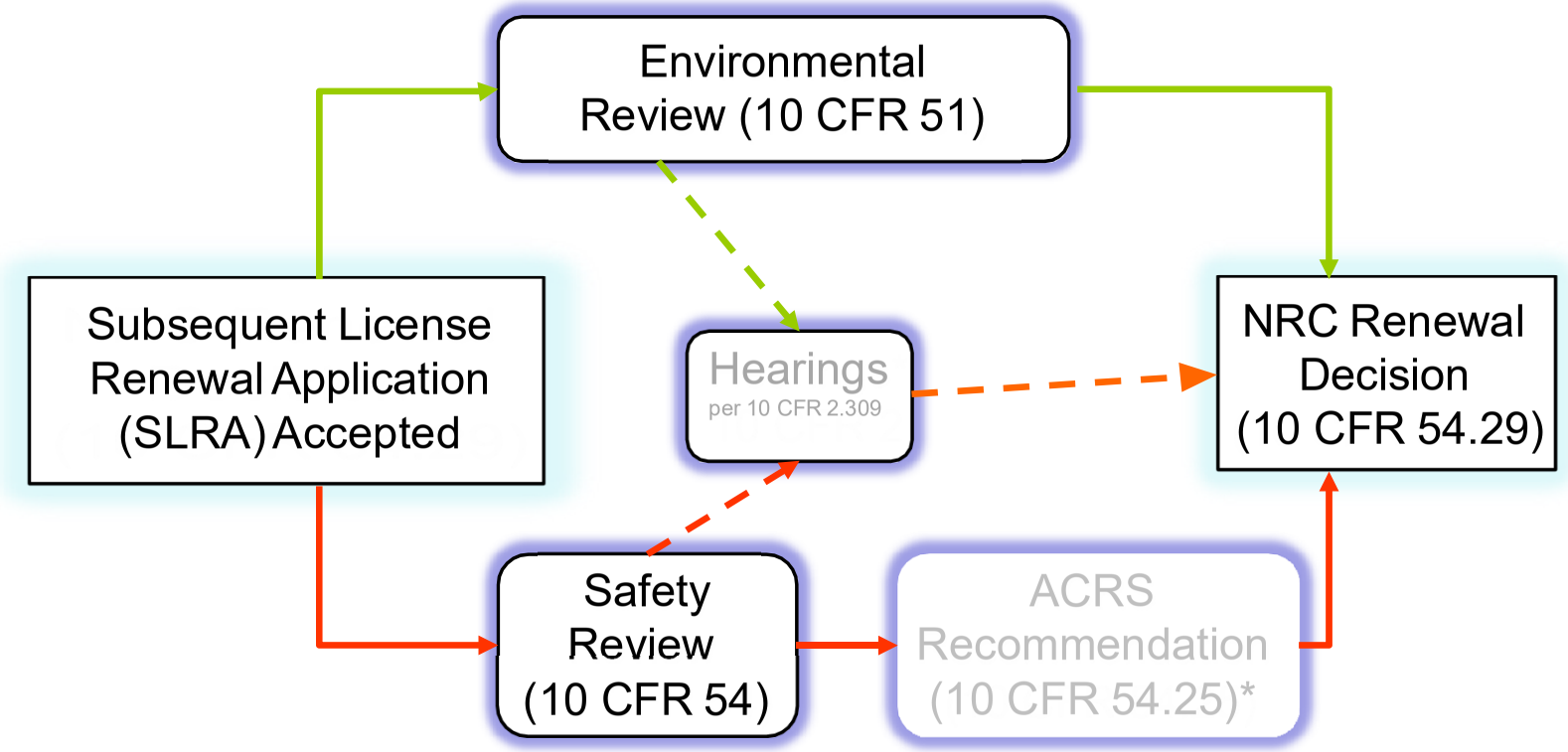
Meeting Agenda

- Subsequent License Renewal Review Process & Inputs into NRC Licensing Decision
  - ✓ Safety Review
  - ✓ Environmental Review
- NRC Contact Information
- Conclusion / Questions



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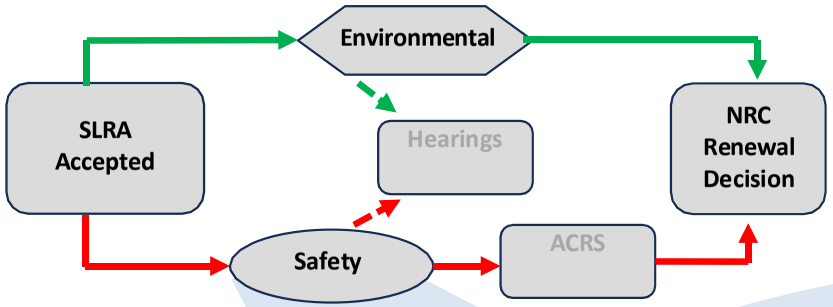
Subsequent License Renewal Review Process + Inputs into NRC Licensing Decision

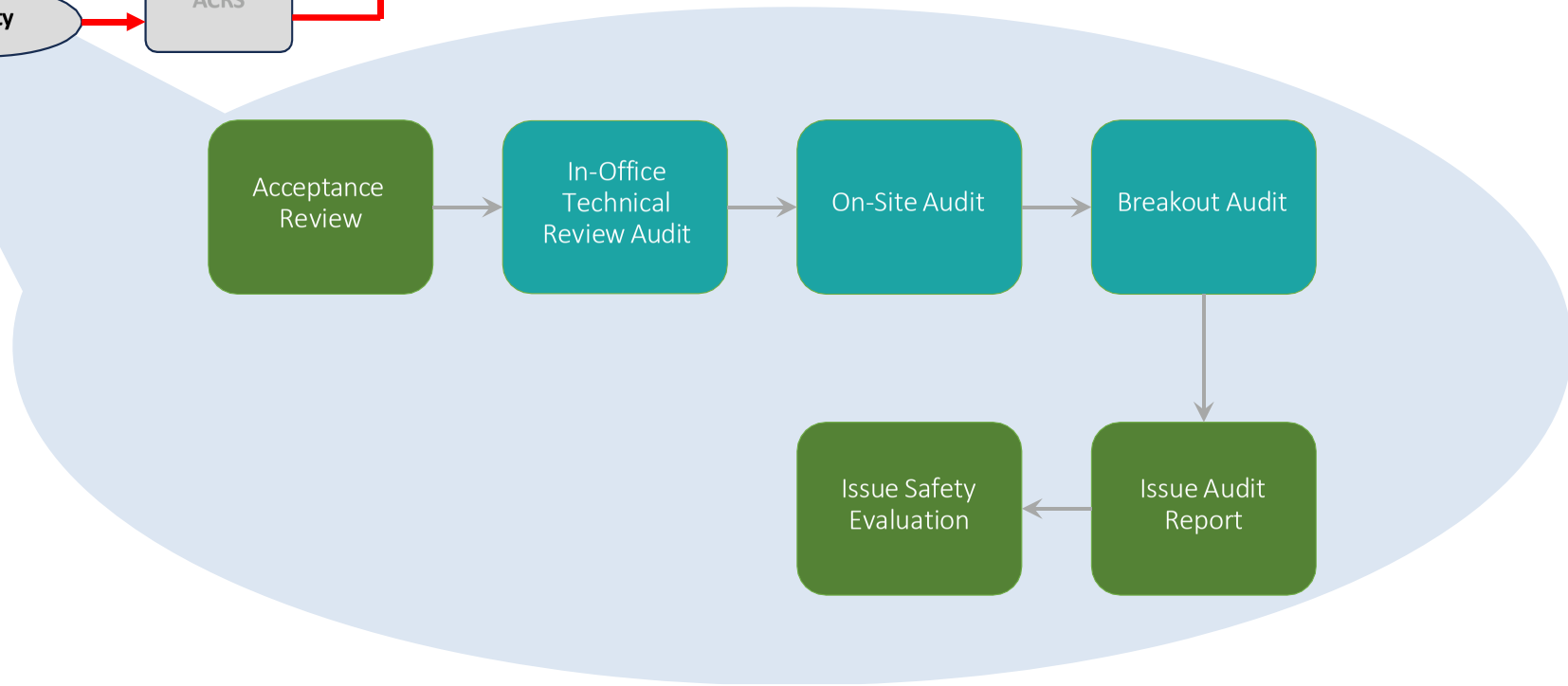


*Only if novel, safety-significant concerns are identified

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Safety Review Milestones





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The New SLR Safety Review

Will Review	Will Not Review
❖ **Aging management that does not align with NRC guidance:** ✓ AMPs with exceptions (just the exceptions) ✓ AMRs not consistent with, or not fully covered, by NRC guidance (Notes E-J) ✓ AMR results for which further evaluation is recommended	❖ **Aging management that aligns with NRC guidance:** ✓ AMPs consistent with guidance ✓ AMPs consistent with guidance plus enhancements ✓ AMP elements consistent with guidance (including AMPs with exceptions)
❖ **Plant-specific operating experience**	❖ **Previously-approved approaches**
❖ **Scoping & screening activities**	
❖ **Time-limited aging analyses**	

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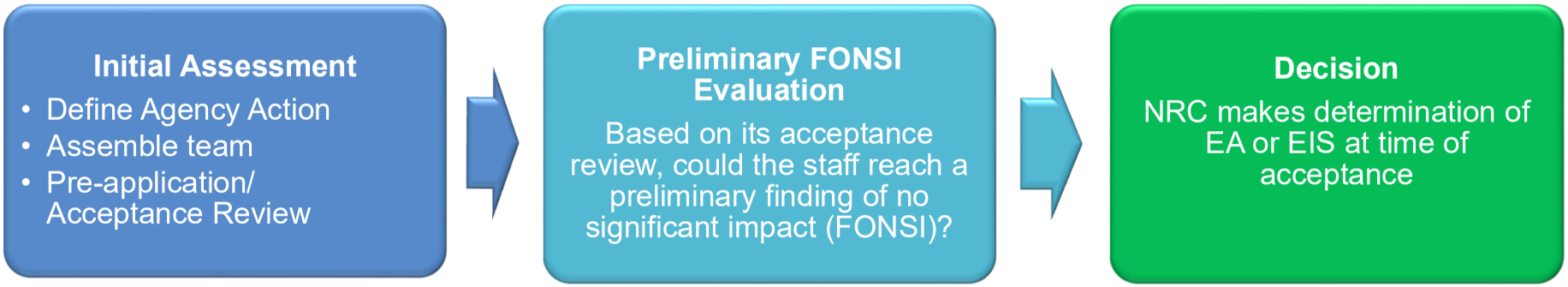
Tentative Review Schedule

Note: The review schedule below is tentative and subject to change.
The schedule is only finalized once the application has been accepted forreview and is docketed.

Activity	Estimated Date
Application Submission Date	February 2027
Acceptance Date (Project Start Date)	March 2027
Safety Audit	April/May 2027
Issuance Draft SEIS/EA	Oct/Nov 2027
Issuance of Final SEIS/EA	Dec 2027/Jan 2028
Safety Evaluation Report	Jan/Feb 2028
Licensing Decision	March 2028

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Level of Environmental Review



In cases where a FONSI appears likely:

- The staff will prepare an EA that will be used to determine whether an EIS is necessary, or a FONSI is warranted to satisfy the NRC's NEPA obligations
- The EA would supplement the LR GEIS (NUREG-1437, Rev. 2)
- Exemptions to the 10 CFR Part 51 requirements to prepare an EIS would be required

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Environmental Review: Process

Environmental Assessment (EA)

- Environmental Audit
- Provide Draft EA for State Review
- Issue Final EA/FONSI (if warranted) or Prepare EIS

Environmental Impact Statement (EIS)

- Scoping
- Environmental Audit
- Issue Draft EIS for Public Comment
- Consider Public Comments
- Issue Final EIS
- Record of Decision

Required Consultations

NRC coordinates and consults with various local, Federal, and Tribal officials to gather pertinent information

- National Historic Preservation Act Section 106 consultations
- Ecological consultations (e.g., Endangered Species Act Section 7)

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NRC Contact Information



- **Safety Project Manager**
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- **Environmental Project Manger**
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