

Brunswick Steam Electric Plant, Units 1 & 2

Subsequent License Renewal Application (SLRA)

Pre-Application Meeting

August 5, 2026

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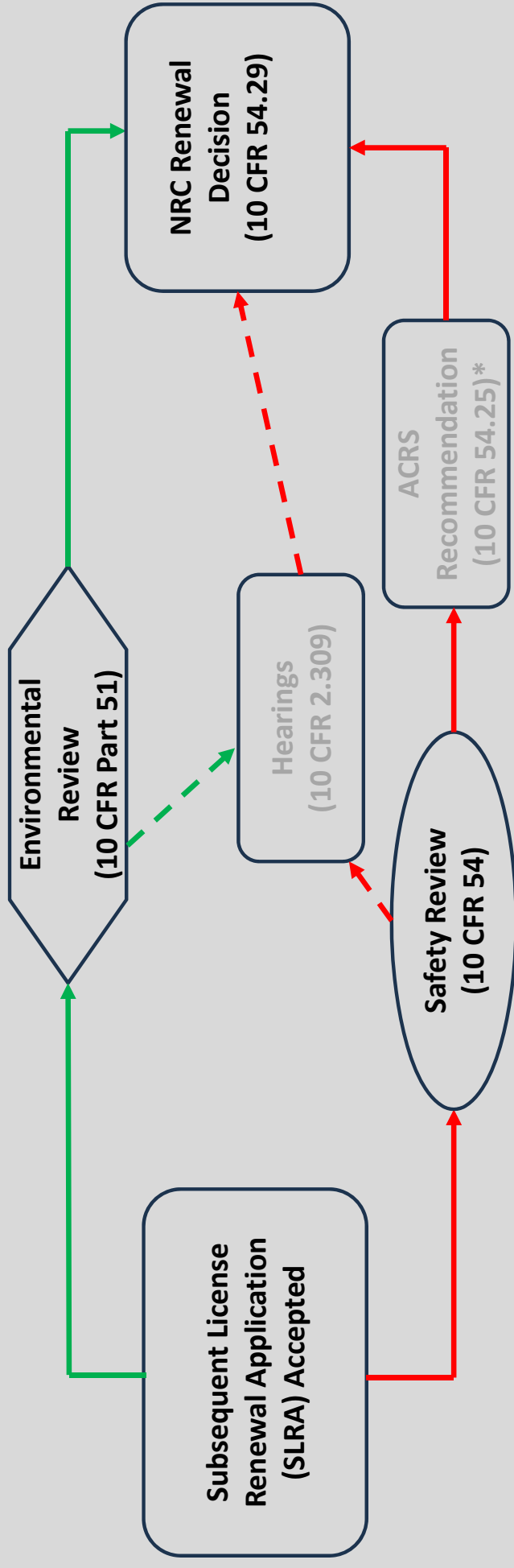


Meeting Agenda

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



Current Review Process for Subsequent License Renewal



License Renewal Application Review Efficiency

- A refined review process that concentrates on elements that differ from established NRC guidance.
- Total review effort may be reduced to approximately 7,000 hours and completed within a 12-month timeframe.
- Effective for SLR applications received after January 2026.
- Allows applicants to substantially streamline the amount of information included.



License Renewal Application Review Efficiency

- License renewal reviews have been increasingly streamlined
 - Review schedules have decreased from 22 months to 12 months.
 - Schedules may be extended when complexities arise, hearings are required, or requests for additional information are not addressed promptly.
 - Licensing decisions continue to ensure reasonable assurance of adequate protection of public health and safety.
- Subsequent License Renewal Efficiency (SECY-25-0104, [ML25229A004](#))
 - Resources have been further optimized
 - Review teams are now consistently able to meet the 12-month schedule



SLR Safety Review Process Updated

Will Review	Will Not review
➤ Aging Management not aligned with NRC Guidance Includes: • AMPs with Exceptions • AMRs that diverge from or are not fully addressed by NRC Guidance (Notes E-J)	➤ Aging Management aligned with NRC Guidance includes: • AMPs fully consistent with guidance • AMPs consistent with guidance plus enhancements • AMP elements consistent with NRC guidance (including AMPs with exceptions)
➤ Plant-specific operating experience	➤ Previously approved approaches
➤ Scoping and Screening activities • Includes potential for future streamlining	—
➤ Additional evaluations	—
➤ Time-limited aging analyses	—

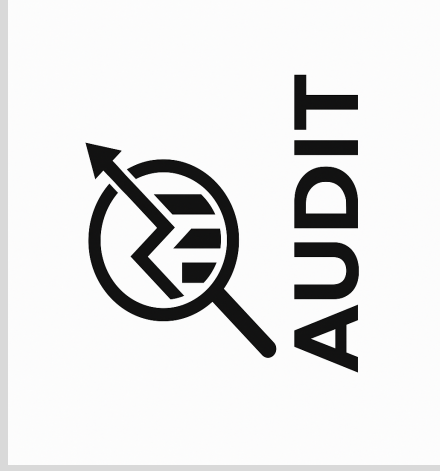


New Approach to SLR Safety Review

~~Table C-1 Tiers of Review~~

Standard (High)	Modified (Medium)	Confirmation (Low)
Documentation Review	Documentation Review	Documentation Review
• Application • Operating experience • AMP and TLAA basis documents • Implementing analyses • Inspection and test results • Corrective actions	• Application • Operating experience • AMP and TLAA basis documents • Discretion to review key details in other plant documents	• Application • Operating experience • Confirm sample of key details in basis documents • For previously approved AMPs, focus on gaps and new information

Replaces the Tiered Approach for SLR Review



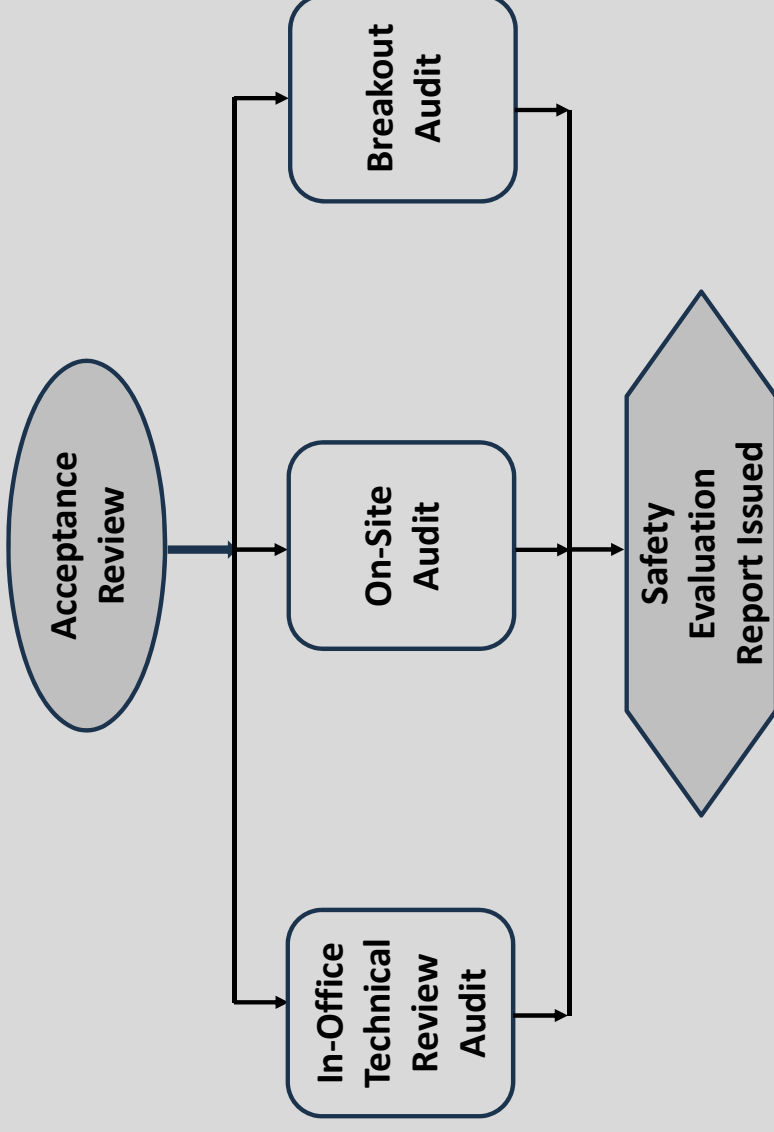
Any operating experience, including those that could lead to improvements, as well as information related to AMP exceptions and AMR Notes E-J



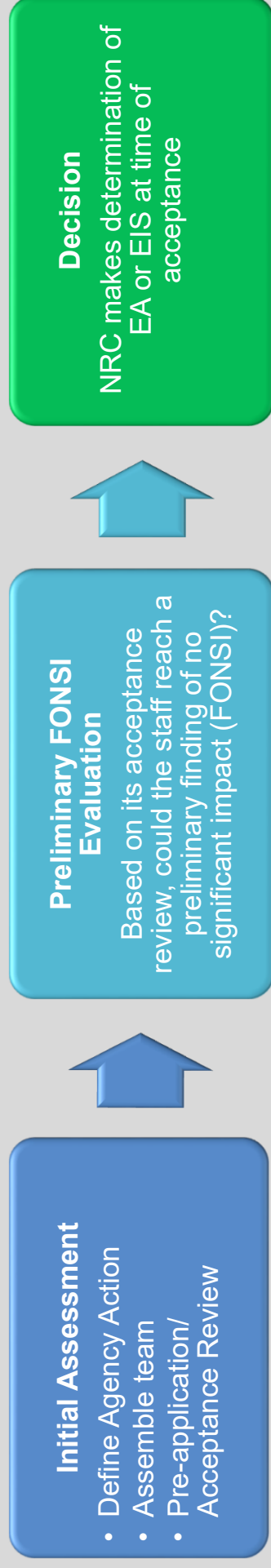
Corresponding changes to documentation, such as Audit report, Safety Evaluations



New SLR Safety Review process Overview



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

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)





NRC Contact Information

- **Safety Project Managers**
- Chaitali Chattopadhaya (chaitali.chattopadhaya@nrc.gov)
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- **Safety Branch Chief**
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QUESTIONS

