



**U.S. NRC**

UNITED STATES NUCLEAR REGULATORY COMMISSION

*Protecting People and the Environment*

**Subsequent License Renewal  
Application Review Optimization  
Status and Outcomes**

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## **SLRA Review Optimization Working Group Status**

- The SLR Optimization Working Group has completed its review of the safety and environmental subsequent license renewal application review activities
- Milestones of the optimized SLRA safety and environmental review activities have been established and are discussed in the following slides

## **SLRA Review Activities**

- Pre-Submittal meetings
  - Environmental meetings to begin twelve months prior to anticipated receipt of the SLRA
  - Safety meetings to begin six months prior to anticipated receipt of the SLRA
- SLRA acceptance review performed by environmental and safety staff
- Schedule initiates on acceptance of the SLRA (18 months)

## **SLRA Review Activities**

- Applicant provides access to the portal (no later than acceptance of the SLRA in order to support the review schedule)
- Staff initiates performance of in-office review via the portal on acceptance of SLRA (environmental and safety)
- Issue Notice of Intent to Prepare and Environmental Impact Statement and Conduct Scoping - Federal Register Notice (environmental)
- Public Scoping Meeting (environmental)

# SLRA Review Activities

## Audits

- Aging Management Audit (Safety)
  - Local Aging Management Program Operating Experience Audit
  - In-Office Aging Management Audit via telecom/webinar breakout sessions
  - On-Site Aging Management Audit with regional participation to walk down specific material conditions and plant configurations
- On-Site Environmental Audit

## **SLRA Review Activities**

- Methods to obtain additional information to complete the review (environmental and safety)
  - RAIs (initial round of RAIs at the branch level, following rounds require escalated management review)
  - NRC Public meetings
  - On-Site audits

## Documentation and Associated Meetings

- Issue Draft Supplemental Environmental Impact Statement (SEIS) (environmental)
- Draft SEIS public meeting (environmental)
- Issue Draft Safety Evaluation Report (SER) (safety)
- Advisory Committee on Reactor Safeguards (ACRS) meetings (safety)
  - ACRS subcommittee meeting
  - ACRS full committee meeting
- Issue Final SEIS (environmental)
- Issue Final SER (safety)
- Issue Record of Decision (environmental)

# Optimization Implementation

- Optimized process has been implemented for portions of the River Bend license renewal application review
  - Expanded use of a portal – significantly reduced paper library
  - Local OE audit using applicant laptops
  - In-Office Aging Management Audit using portal and telecom breakout sessions
  - On-Site Aging Management Audit to walk down specific material conditions and plant configurations
  - One SER
- Initial results indicate an efficient and effective review process – lessons learned will identify areas for improvement



# SLRA Review Activities

Safety	Environmental
<p>Pre-Submittal Meetings (beginning six months prior to anticipated receipt of the SLRA)</p>	<p>Pre-Submittal Meetings (beginning twelve months prior to anticipated receipt of the SLRA)</p>
<p>Acceptance Review (18 month schedule initiates on acceptance of the SLRA)</p>	
<p>Access to the Applicant Portal (no later than the completion of the acceptance review to support review schedule)</p>	
<p>In-Office Staff Review via the Portal</p>	
<p>Local Aging Management Program Operating Experience Audit</p>	<p>Issue Notice of Intent and Scoping - Federal Register Notice</p> <p>Public Scoping Meeting</p>
<p>In-Office Aging Management Audit – Telecom/Webinar Breakout Sessions</p>	<p>On-Site Environmental Audit</p>
<p>On-Site Aging Management Audit with Regional Participation</p>	
<p>RAIs Issuance and Responses</p>	
<p>Issues Draft SER</p>	<p>Issue Draft SEIS</p>
<p>ACRS Subcommittee meeting</p>	<p>Draft SEIS public meeting</p>
<p>ACRS Full committee meeting</p>	<p>Issue Final SEIS</p>
<p>Issue Final SER</p>	<p>Issue Record of Decision</p>