



NRC Public Meeting: Possible Efficiencies on the Subsequent License Renewal Application Review

NRR/DNRL and NMSS/REFS

December 3, 2024

Meeting Agenda

A. Environmental Review

- License Renewal Roadmap – Status Update

B. Staff Requirements Memorandum (SRM-COMCTH-24-0003): LR/SLR Expectations (August 8, 2024)

C. Safety Review

- License Renewal Roadmap – Status Update
- Progress on Piloting the Tiered Approach
- LR/SLR Application Standardization*

D. Staggering Future Submittals*



**: Seeking Industry Feedback*

Environmental Review



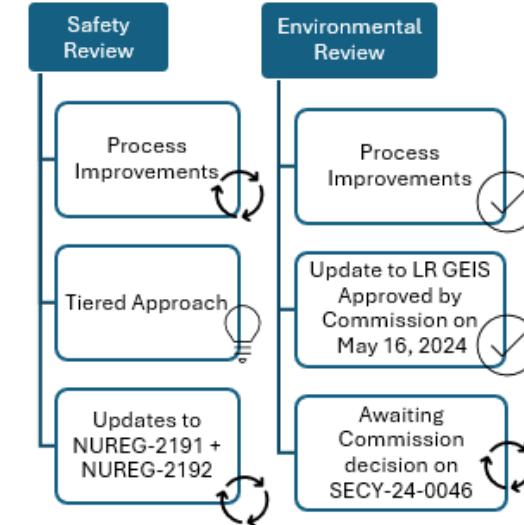
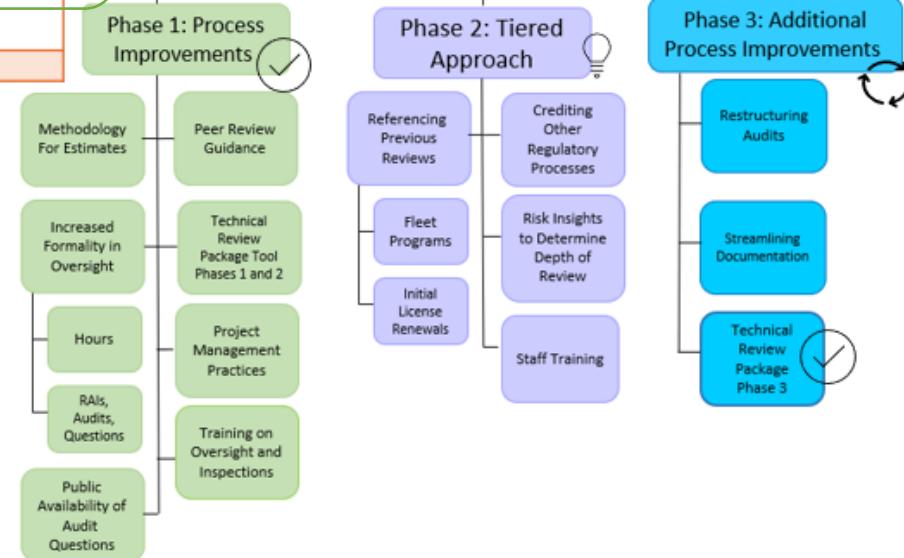
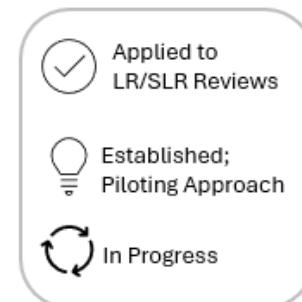
License Renewal Roadmap – Environmental Updates

License Renewal Roadmap Dashboard

SECY-24-0026 – Commitments		Date	Status
1 Implementation of License Renewal Roadmap			In Progress
1a	Safety Review		
	• Phase 1: Process Improvements	March 2024	Complete
	• Phase 2: Tiered Approach	April 2024	Complete
	• Phase 3: Additional Process Improvements	Before receipt of next SLR	In Progress
1b	Environmental Review		
	• Process Improvements	Various times, starting Dec 2022	Complete
	• Implementation of LR GEIS <ul style="list-style-type: none"> Process to streamline inflight LR/SLR reviews Implementing streamlining efforts (leveraging Cat 1 issues) for inflight reviews Process to restart paused SLR reviews when LR GEIS in effect 	April 2024 September 2024 September 2024	Complete Complete Complete
	• FRA Requirements <ul style="list-style-type: none"> FRA immediately effective requirements Develop framework for consideration of EAs Pilot for Dresden SLR Additional FRA Actions 	June 2023 June 2024 July 2024 TBD	Complete Complete Complete Under Consideration
2	Launch of public dashboard of updates to the License Renewal Roadmap	August 2024	Complete
3	Issuance of updates to GALL-SLR Report and NUREG-2192	February 2025	In Progress

Environmental Review: Process Improvements

- 1 Streamline EIS Development
- 2 Agile Methodology for Workload Planning
- 3 Realignment of the ECOE
- 4 Use of Technology Tools to Improve Audits
- 5 Requests for Confirmatory Information (RCIs)
- 6 Improvements in Comment Processing
- 7 Streamlining Administrative Prepublication Reviews
- 8 Assessment of Public Meetings
- 9 Increased Use of Contractor Support for Reviews



License Renewal and Subsequent License Renewal Review Expectations (SRM–COMCTH-24-0003) (ML24221A320, August 8, 2024)



New Applications:

No more than
14,000 Hours, 18-months,
30-day acceptance review



Current Applications:

Adjust to meet new metrics

Actions:

- Continue:
 - Applying process improvements + lessons learned
 - Engagement with industry on timing of applications
 - Affording credit of operational programs
- Business process improvement exercise to identify + implement additional efficiencies
- Reporting to Commission:
 - On progress/metrics
 - Exceedance of 10% of metrics

Staff's Activities to Meet LR/SLR Metrics + Expectations (SRM-COMCTH-24-0003)



SRM-COMCTH-24-0003		Staff Activities
New Applications Received After August 8, 2024		
1	No more than 14,000 hours and 18-months review	Implementing License Renewal Roadmap + new initiatives
2	30-day acceptance review	Exploring opportunities to shorten acceptance review by 15 days
Current Applications		
3	Adjust to meet new metrics	Reduced hours for two reviews to account for realized efficiencies and issuance of LR GEIS

Staff's Activities to Meet LR/SLR Metrics + Expectations (SRM-COMCTH-24-0003)

	SRM-COMCTH-24-0003	Staff Activities
4	Applying process improvements + lessons learned	Ongoing
5	Engagement with industry on timing of applications	Ongoing – Engagement at SLR Efficiencies Public Meeting (12/3)
6	Affording credit of operational programs	Ongoing with Tiered Approach
7	Business process improvement exercise to identify + implement additional efficiencies	In Progress
8	Reporting to Commission: <ul style="list-style-type: none">• Progress/metrics• Exceedance of 10% of metrics	Ongoing progress reports



Safety Review



License Renewal Roadmap – Safety Updates

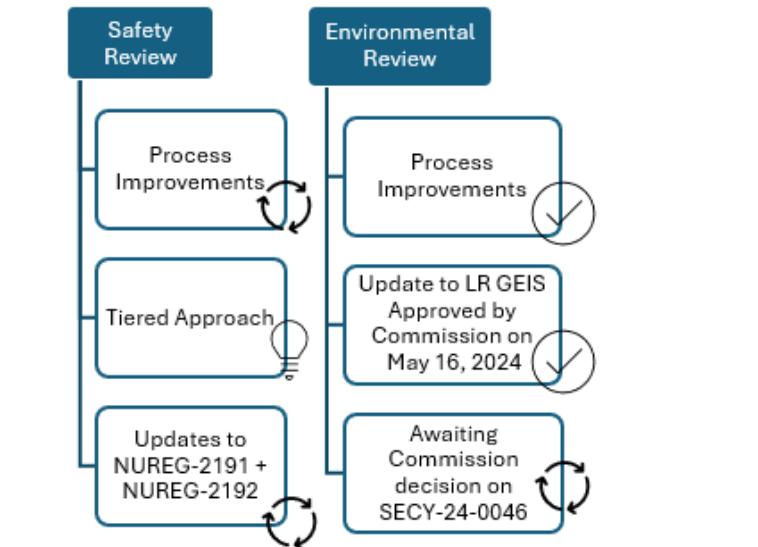
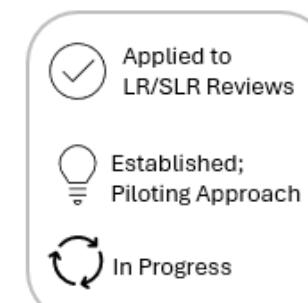
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o Pilot for Dresden SLR	TBD	Under Consideration	
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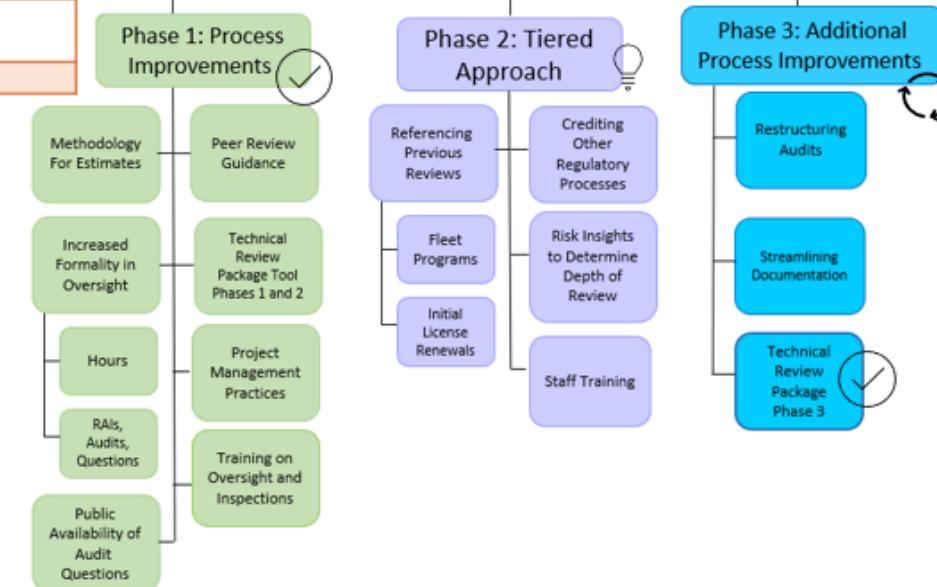
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Safety Review: 3-Phase Approach



Continuous Application & Learning: Tiered Approach (Dresden/Clinton)



Dresden SLR:

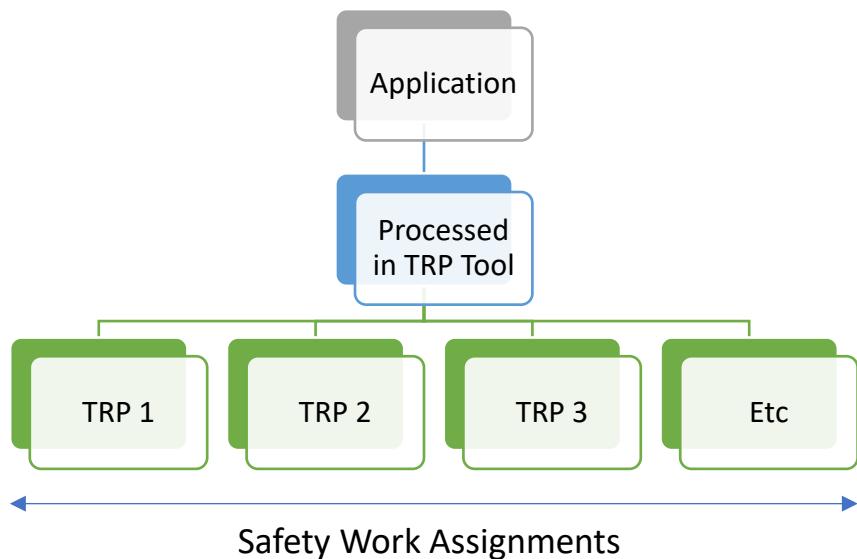
- Continuing the Tiered Approach into the technical review
- Leveraging of fleetwide programs supported significant reduction of Generic tiering
- Will continue to reinforce training and clarify review expectations with staff to support successful implementation

Clinton LR:

- Tiering generally matched the Generic tiering

Standardization of the Application for the TRP Tool

The Technical Review Package (TRP) Tool bundles items into safety **work assignments** (also known as “TRPs”).



As part of Phase 3, “Additional Process Improvements,” the TRP Tool is being modernized to **automatically** read PDF applications.

Standardizing tables, application changes, and nomenclature allows for **automatic processing** of the submittal to:

- ✓ Reduce manual efforts & staff hours
- ✓ Improve accuracy and efficiency

Note: Standardization is **not a requirement** but contributes to a more efficient staff review.

Applications that do not meet the standardization recommendations will be processed manually.

Requesting Feedback: Standardization of the Application Recommendations

**Standardization
Recommendations for License
Renewal Applications – DRAFT
([ML24184C131](#))**



Draft Guidance
(July 2024)

Industry/Public Engagement
Dec 3, 2024

Industry/Public Engagement
July 9, 2024

Final Guidance
March 2025



Requesting Feedback on NRC's Recommendation: Staggering Future Submittals



Industry thoughts?

A large, abstract graphic on the left side of the slide features a series of overlapping circles in varying shades of blue, from light to dark, creating a dynamic, radial effect.

Questions?