

# 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





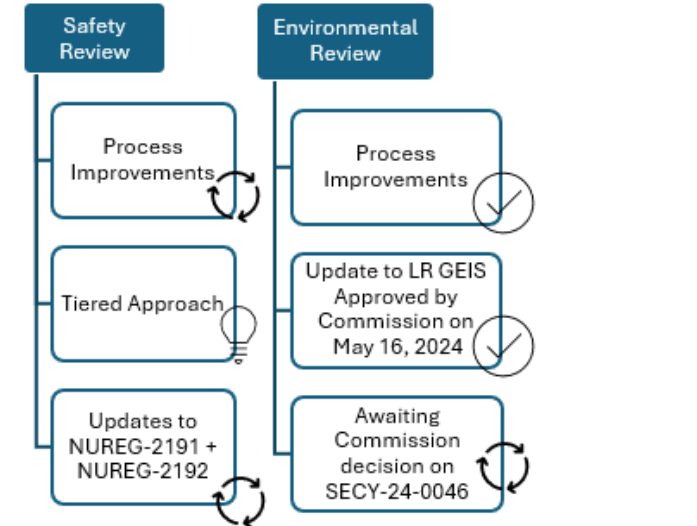
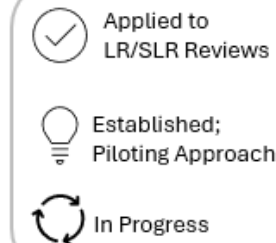
# License Renewal Roadmap – Environmental Updates

## License Renewal Roadmap Dashboard

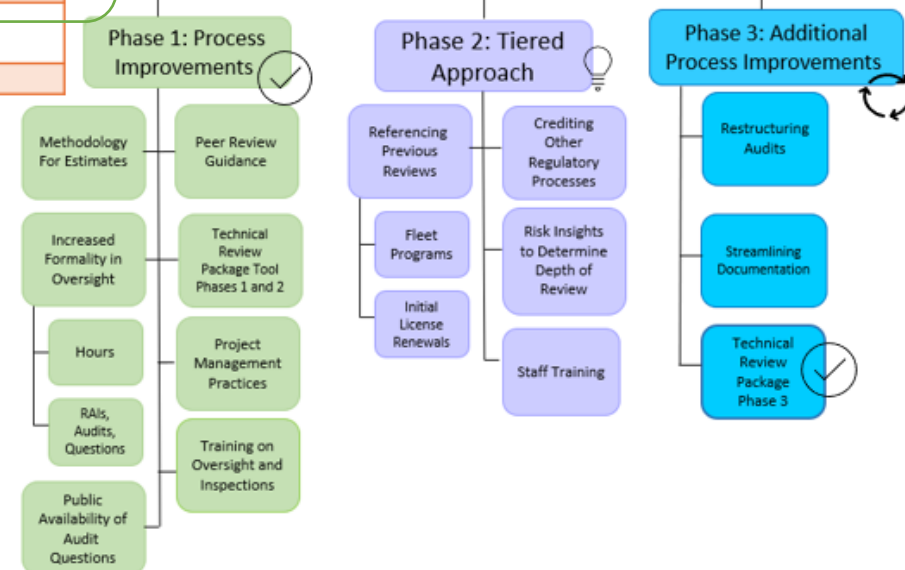
	SECY-24-0026 – Commitments	Date	Status
1	Implementation of License Renewal Roadmap		In Progress
1a	Safety Review		
	• Phase 1: Process Improvements	March 2024	Complete
	• Phase 2: Tiered Approach	April 2024	Complete
	• Phase 3: Additional Process Improvements	Before receipt of next SLR	In Progress
1b	Environmental Review		
	• Process Improvements	Various times, starting Dec 2022	Complete
	• Implementation of LR GEIS		
	o Process to streamline inflight LR/SLR reviews	April 2024	Complete
	o Implementing streamlining efforts (leveraging Cat 1 issues) for inflight reviews	September 2024	Complete
	o Process to restart paused SLR reviews when LR GEIS in effect	September 2024	Complete
	• FRA Requirements		
	o FRA immediately effective requirements	June 2023	Complete
	o Develop framework for consideration of EAs	June 2024	Complete
	o Pilot for Dresden SLR	July 2024	Complete
	o Additional FRA Actions	TBD	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

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



### Safety Review: 3-Phase Approach



# 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"><li>• Progress/metrics</li><li>• Exceedance of 10% of metrics</li></ul>	Ongoing progress reports



# Safety Review

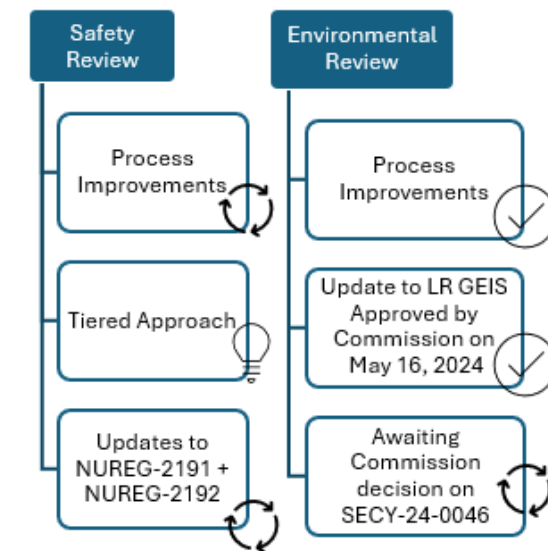




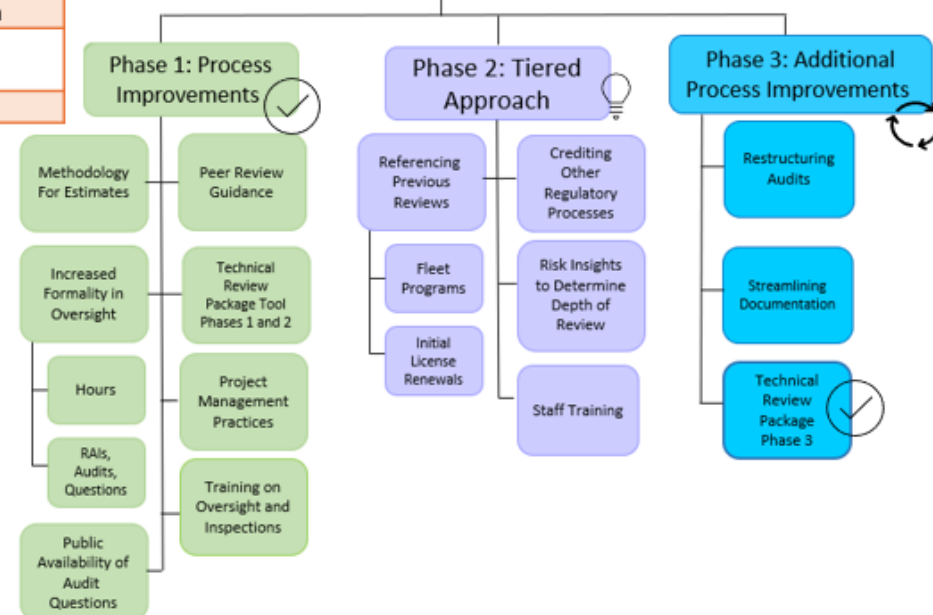
# License Renewal Roadmap – Safety Updates

## License Renewal Roadmap Dashboard

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### Safety Review: 3-Phase Approach



### Environmental Review: Process Improvements

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Applied to LR/SLR Reviews

Established; Piloting Approach

In Progress

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



## Dresden SLR:

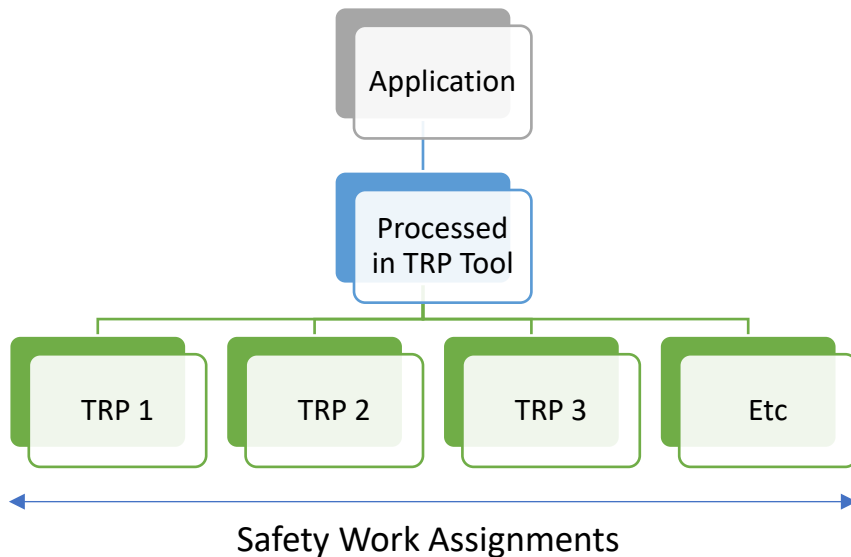
- Continuing the Tiered Approach into the technical review
- Leveraging of fleetwide programs supported significant reduction of Generic tiering
- Will continue to reinforce training and clarify review expectations with staff to support successful implementation

## 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?



# Questions?