



Implementing the LEPT Framework

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Implementing the LEPT Framework—SFST

Use of core teams for early alignment of major issues

- Transportation Certificate of Compliance example: Saving about 12 months and 800 hours (Baseline: 2 years and estimated 1,300 hours)

Reassessing decommissioning funding plan reviews

- Risk-informed/graded approach development, reassessing the environmental and financial reviews
- Resources reduction of about 75%

Ranking storage reviews

- Using risk insights (Risk Tool) to determine the level of staff effort needed to complete licensing reviews for dry spent fuel storage
- Some factors influencing resources estimates:
 - risk profile (low, medium, high)
 - ranking amendment changes as small, medium, large
 - grading safety margin by significance (significant reduction, limited reduction, small reduction)
 - determining whether confirmatory analysis is needed.

Implementing the LEPT Framework—FF

Preapplication engagement

- Conduct advance review of draft application chapters
- Provide substantive feedback and best practices in preapplication space
- Identify gaps in application early
- Meet shorter schedules and use fewer resources
- Achieve timelier issuance of requests for additional information (RAIs)
- Perform more timely environmental reviews
- **Cost savings**—greater than 50% in estimates schedule and cost compared to typical fuel facilities review timeframes

Additional efficiencies include—

- Use of licensing audits and clarification calls
- Use of requests for confirmatory information and revised RAI process (5% schedule reduction using revised RAI process)

Application review

- Implement new review guidance using precedents
- Scale reviews
- Focus on new or changed information
- Apply new environmental review process
- Employ streamlined mandatory hearing process
- **Cost savings**—approximately 30% in staff hours and 25–50% in schedule savings compared to typical fuel facilities review timeframes

Implementing the LEPT Framework—NMU

Modernized Materials License Application Portal

Deployed in November 2025!

- Online materials license application (NRC Form 313)
- Securely integrated in Web-Based Licensing (WBL)
- [User-friendly, Built-in Communication Interface](#)
- [Public FAQs](#)



Data-Driven General License (GL) Accountability Process Improvement

Completed in under 1 year!

- Ensuring devices are safe, secure, or appropriately disposed
- Reduced unresponsive GL registrants by **91%**
- Enhanced internal data tracking and program oversight
- Updated program guidance ([ML25247A172](#))



Streamlining Preapplication Engagements

Enabling proactive open dialogue!

- Voluntary engagements
- Ensuring complete and sufficient information early
- Published [FAQs](#) for efficient licensing of emerging medical technology
- [*NEW*- Pre-application Engagement resources and FAQs](#)

Implementing the LEPT Framework—DLLW

Modernized agile reviews

- **Effective communication**
 - Regulatory audits
 - Preapplication meetings to clarify expectations
 - Reviews of RAIs, requests for supplemental information, and requests for confirmation of information
- **Timeliness**
 - Work prioritization and resource alignment
 - Early identification of review challenges
 - Draft SEs before RAIs

License termination plan efficiencies

- Vertical and horizontal slice survey reviews → **30% time savings**
- Performance-based dose optimization strategy → **80% time savings**

Dedicated review teams

- Specialized teams for first-of-a-kind or complex reviews
- Improves consistency and predictability

Leveraging modern project management tools to drive transparency, collaboration, and timely completion of licensing reviews

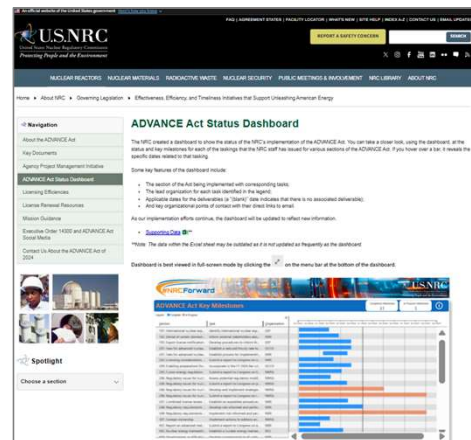
Efficiency in Motion: The NRC's Cross-Cutting Licensing Progress

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