

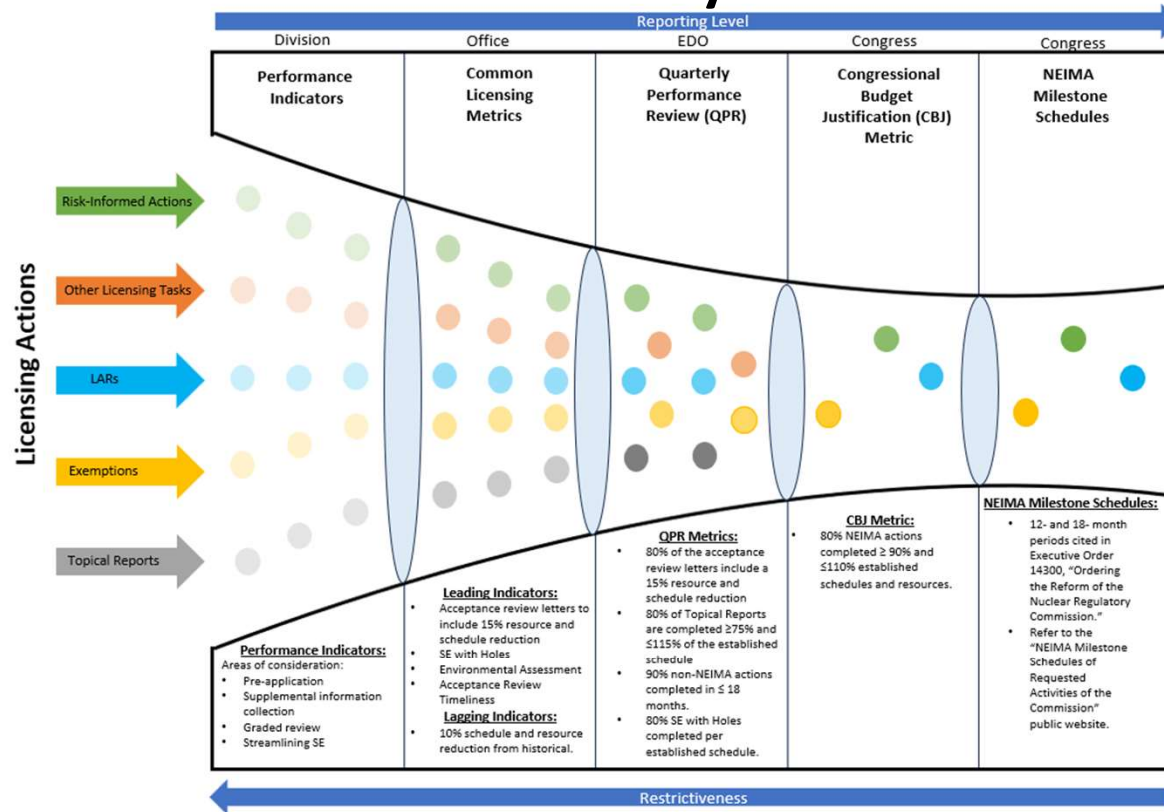


Data Driven Insights for Licensing Efficiency

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Driving Change Through Metrics and Accountability

- **EO 14300 and ADVANCE Act**
 - Milestones aligned with 12- to 18-month review periods
- **Annual Performance Plan**
 - Percentage of licensing activities (i.e., requested activities of the Commission that involve the issuance of a final SE) that vary more than 10% from their resource estimate or established schedule
- **“NRC Licensing Efficiency Initiatives Update”**
 - Common licensing metrics (i.e., leading and lagging performance indicators)



Real-Time Performance Monitoring

- **Project management:** Reactor Program System (RPS), WBL, milestone tracking
- **Data governance:** stewards, dashboards, validation
- **Performance oversight:** accountability, resource prioritization, leading and lagging indicators

Leading and Lagging Indicator Dashboard

Application	Acceptance Review	Draft SE with Open Items	Draft EA/EIS	Other Milestones ...
Application A				
Application B			N/A	
Application C				

80% acceptance reviews completed within required timeframe

80% acceptance reviews include 15% resource and schedule reduction

90% draft SEs with open items completed within 50% overall schedule and resources

90% of EA or EIS completed within 70% of overall schedule and resources

80% milestones completed within 10% estimated schedule and resources

90% actions schedule and resources at least 10% less than historical

Leading

Lagging

Driving Efficiency with Graded Estimate Method

- **Implemented:** October 1, 2025
- **Review:**

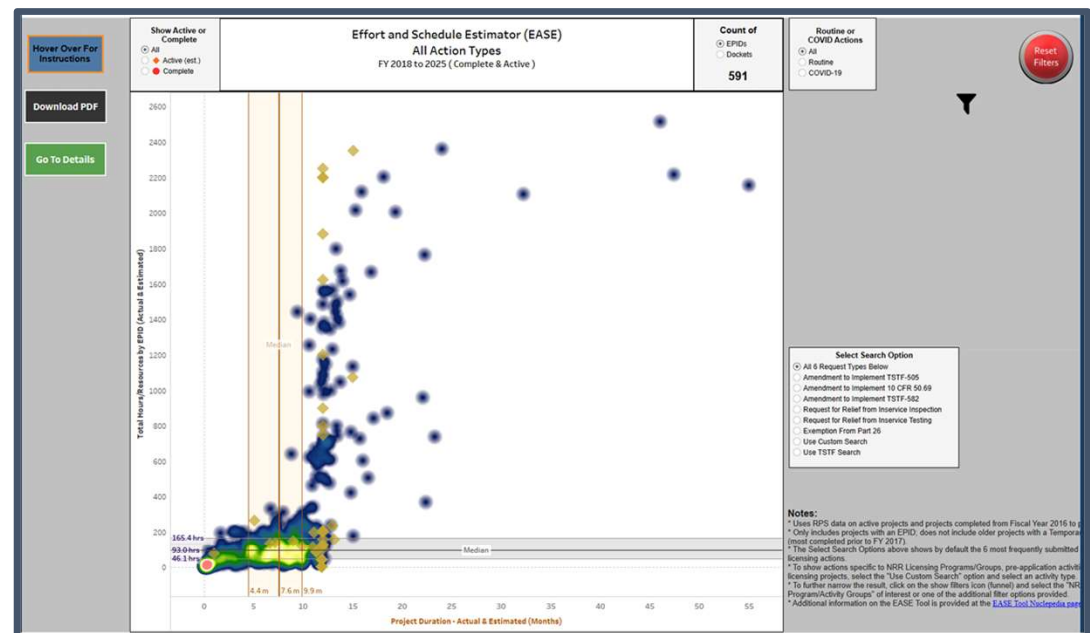
Review	Schedule	Resources
Limited (L)	3–4 Months	≤20% reduction from historical
Typical (T)	4–6 Months	≤45% reduction from historical
Comprehensive	9 Months	≤30% reduction from historical

- **Historical Data:** Level of Effort and Schedule Estimator (EASE) tool

Historical Data Insights

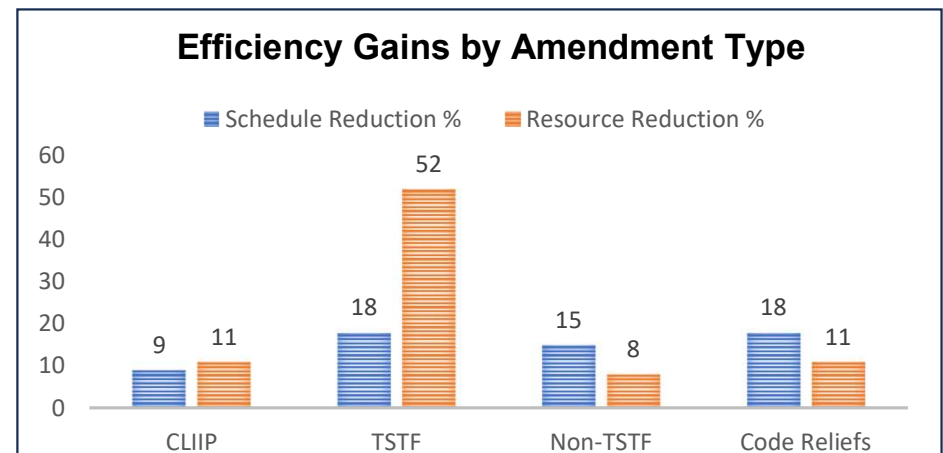
- **EASE tool:**
 - Precedence, estimate schedule and resources, and quick search
- **Cost Estimator:**
 - Public, data-driven tool estimating NRC staff resources and timelines
 - Regulatory certainty in planning
- **Level of effort tables:**
 - Quick reference guides for common licensing actions, leveraging Cost Estimator and EASE tool insights

EASE Tool



Turning Data Into Measurable Outcomes

- 40% reduction in median project schedules
- 45% reduction in review effort using graded approach
- 47% reduction in review duration with revised schedules
- 35% reduction in median level-of-effort estimates
- 90% of licensing reviews completed ahead of schedule



Data: Reduction from 2023 to 2025

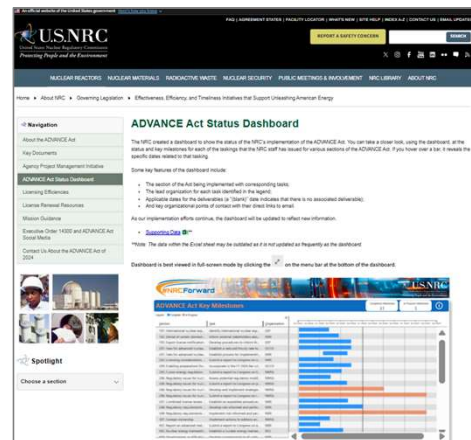
Efficiency in Motion: The NRC's Cross-Cutting Licensing Progress

Have questions or new ideas?
Contact us!

Stay Informed: Check out
the NRC public website for updates!



ADVANCE-Act.Resource@nrc.gov



[ADVANCE Act Implementation](#)



[NRC Performance Dashboard](#)

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