

U.S. Nuclear Regulatory Commission  
38<sup>th</sup> Annual Regulatory Information Conference

# RIC2026

Regulation, Innovation and  
Collaboration for a Safer Tomorrow

March 10-12, 2026

Bethesda North Marriott Hotel  
and Conference Center  
Rockville, MD

#NRCRIC2026

NRC.gov



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

Regulatory Information Conference Session W11

March 11, 2026

## **Panelists:**

Hipo Gonzalez, U.S. Nuclear Regulatory Commission

Brett Titus, Nuclear Energy Institute

Matthew Rector, Constellation Nuclear

Daniel King, U.S. Nuclear Regulatory Commission

Jeff Whited, U.S. Nuclear Regulatory Commission

Tim Knowles, Global Laser Enrichment

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36<sup>th</sup> Annual Regulatory Information Conference

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Hipo Gonzalez, Acting Deputy Division Director  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation (NRR)

**Regulation, Innovation and Collaboration for a Safer Tomorrow**

# ADVANCE Act and Executive Order (EO) 14300

## Accelerating Deployment of Versatile, Advanced Nuclear for Clean Energy Act of 2014 (ADVANCE Act), Section 505

“(1) establish techniques and guidance for evaluating applications for licenses for nuclear reactors to support **efficient, timely, and predictable** reviews of applications for those licenses to enable the **safe and secure** use of nuclear reactors; [emphasis added]

(2) maintain the techniques and guidance established under paragraph (1) by periodically assessing and, if necessary, modifying those techniques and guidance.”

## EO 14300, “Ordering the Reform of the Nuclear Regulatory Commission,” Section 5

- NRC to revise its regulations and guidance documents to facilitate nuclear technology deployment
- 12- and 18-month fixed licensing deadlines, under the Nuclear Energy Innovation and Modernization Act (NEIMA)
- Streamline NRC processes for efficient, safe reactor deployment

## NRC Mission Statement

The NRC protects public health and safety and advances the nation's common defense and security by enabling the safe and secure use and deployment of civilian nuclear energy technologies and radioactive materials through **efficient and reliable licensing, oversight, and regulation** for the benefit of society and the environment.

Graded Review  
Approach



Preapplication  
Engagement



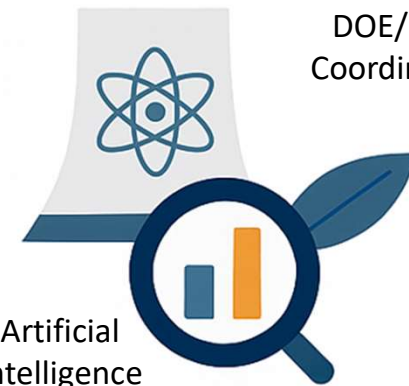
EO 14300  
Rulemaking



Streamlined  
Reviews



Performance  
Monitoring



Artificial  
Intelligence

DOE/DOD  
Coordination

## Our Progress

Expectations  
and  
Accountability

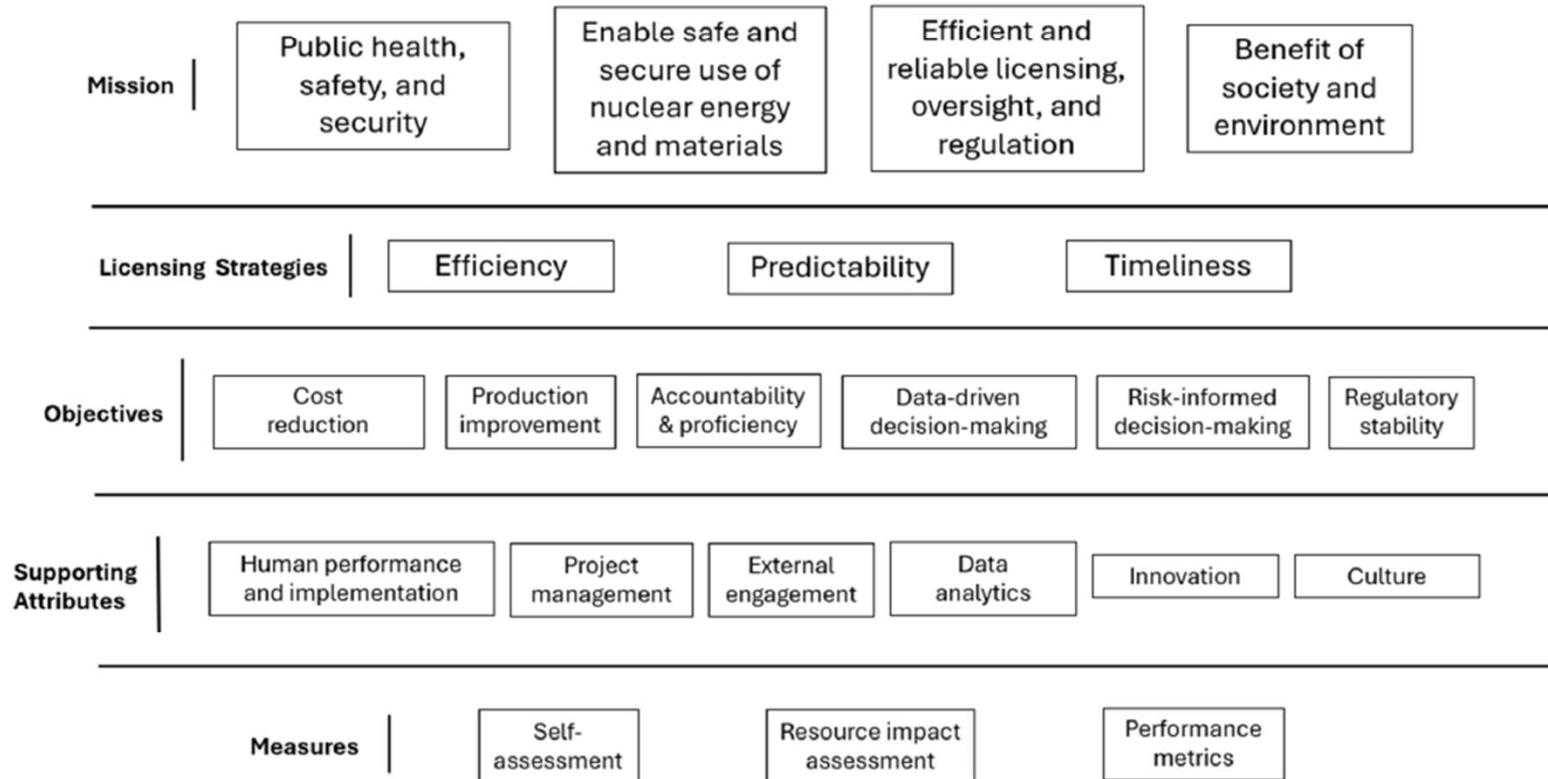
Revised Metrics and  
New Indicators

Stakeholder  
Engagement

Reactor Licensing Efficiencies  
and Processes (R-LEAP) and  
Materials Licensing  
Efficiencies and Processes  
(M-LEAP)

New  
Techniques  
and  
Guidance

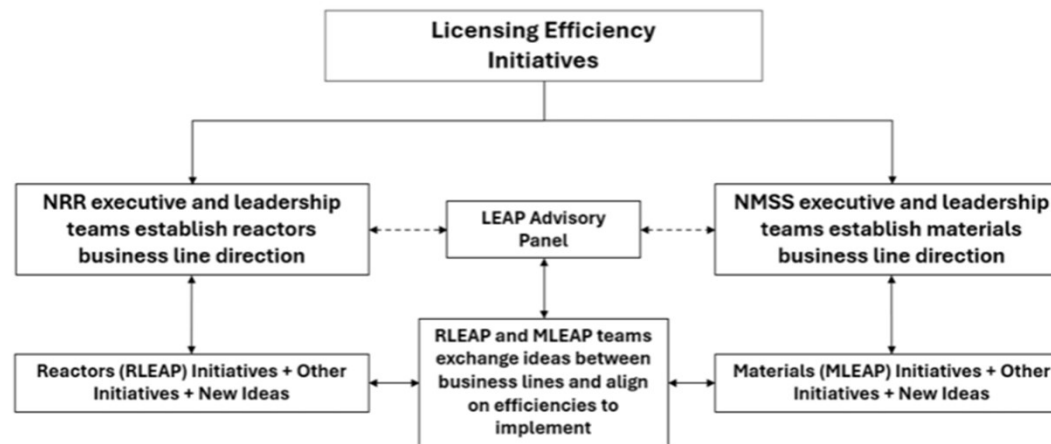
### Licensing Efficiency, Predictability, and Timeliness (LEPT) Framework



## R-LEAP and M-LEAP

NRR and the Office of Nuclear Material Safety and Safeguards (NMSS) created the R-LEAP and M-LEAP team to implement efficiency initiatives, evaluate feedback, and coordinate to share best practices and develop guidance to drive efficiencies across both licensing offices.

Figure 1 Licensing Efficiency Approach



## Licensing Streamlining

A

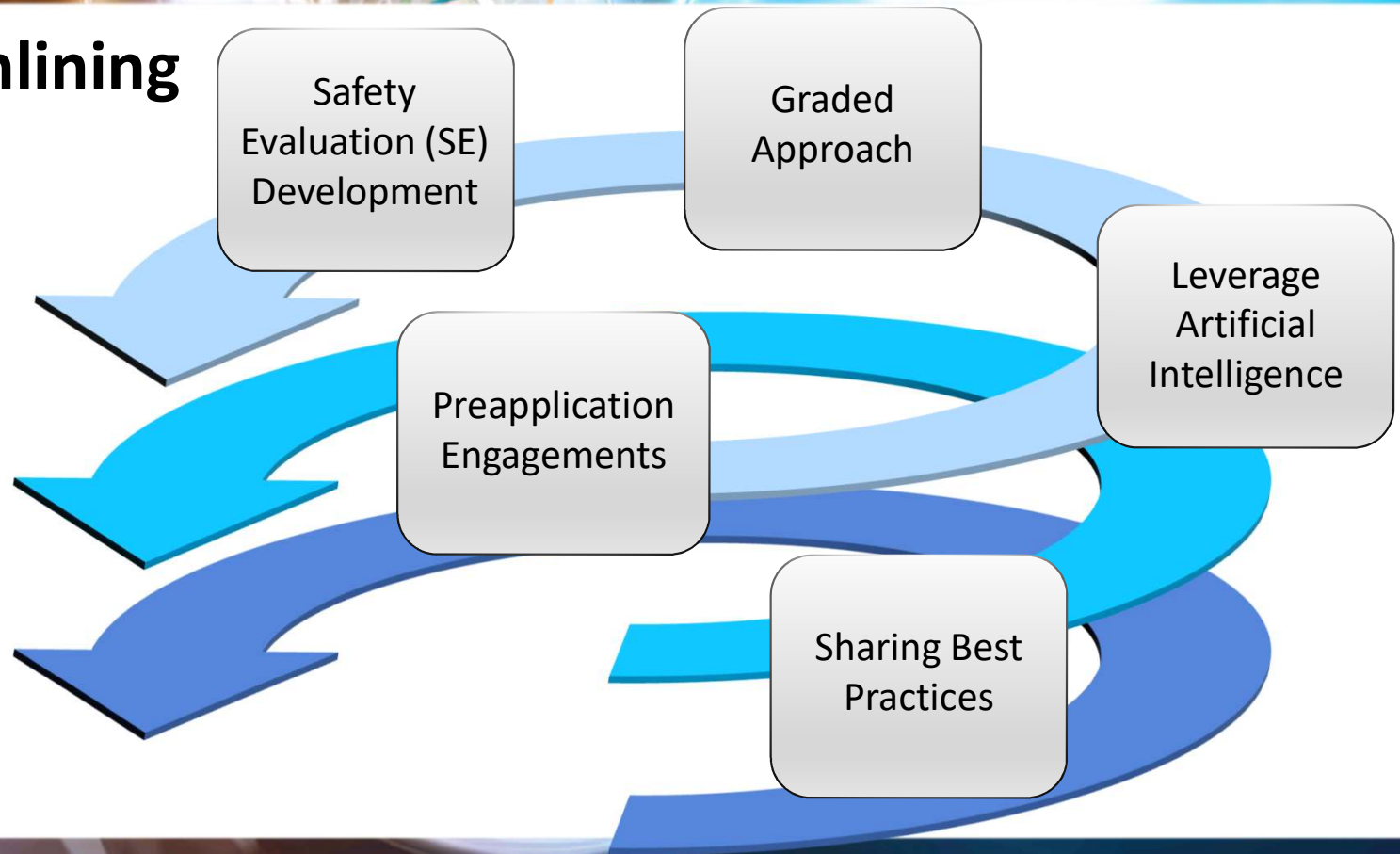
The NRC is implementing specific near-term changes tailored to business lines.

B

The goal is to facilitate the increased deployment of new nuclear technologies while ensuring public health and safety.

C

With public and industry engagement, the agency is taking action to accelerate the efficiency, predictability, and timeliness of licensing reviews.



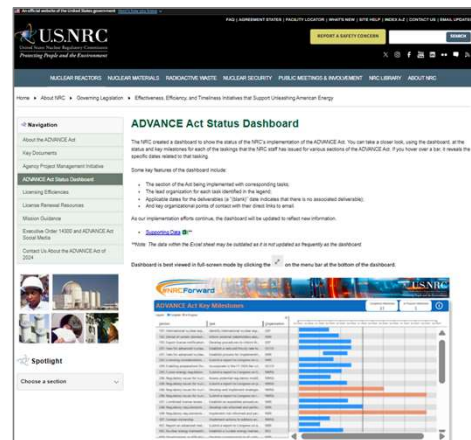
## Efficiency in Motion: The NRC's Cross-Cutting Licensing Progress

Have questions or new ideas?  
Contact us!

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



[ADVANCE-Act.Resource@nrc.gov](mailto:ADVANCE-Act.Resource@nrc.gov)



[ADVANCE Act Implementation](#)



[NRC Performance Dashboard](#)

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