NRC Nuclear Regulatory Commission

NRC Reorganization First 100 Days: Enhancing Reactor and Materials Oversight Integration and Performance

COMMISSION MEETING
THURSDAY, OCTOBER 15, 2026

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Opening Remarks and Introductions

Mike King

EXECUTIVE DIRECTOR FOR OPERATIONS

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Status Update of Standing Up the Office of the Chief Nuclear Reactor Inspector

Jeremy Groom

DIRECTOR (ACTING), CHIEF NUCLEAR REACTOR INSPECTOR

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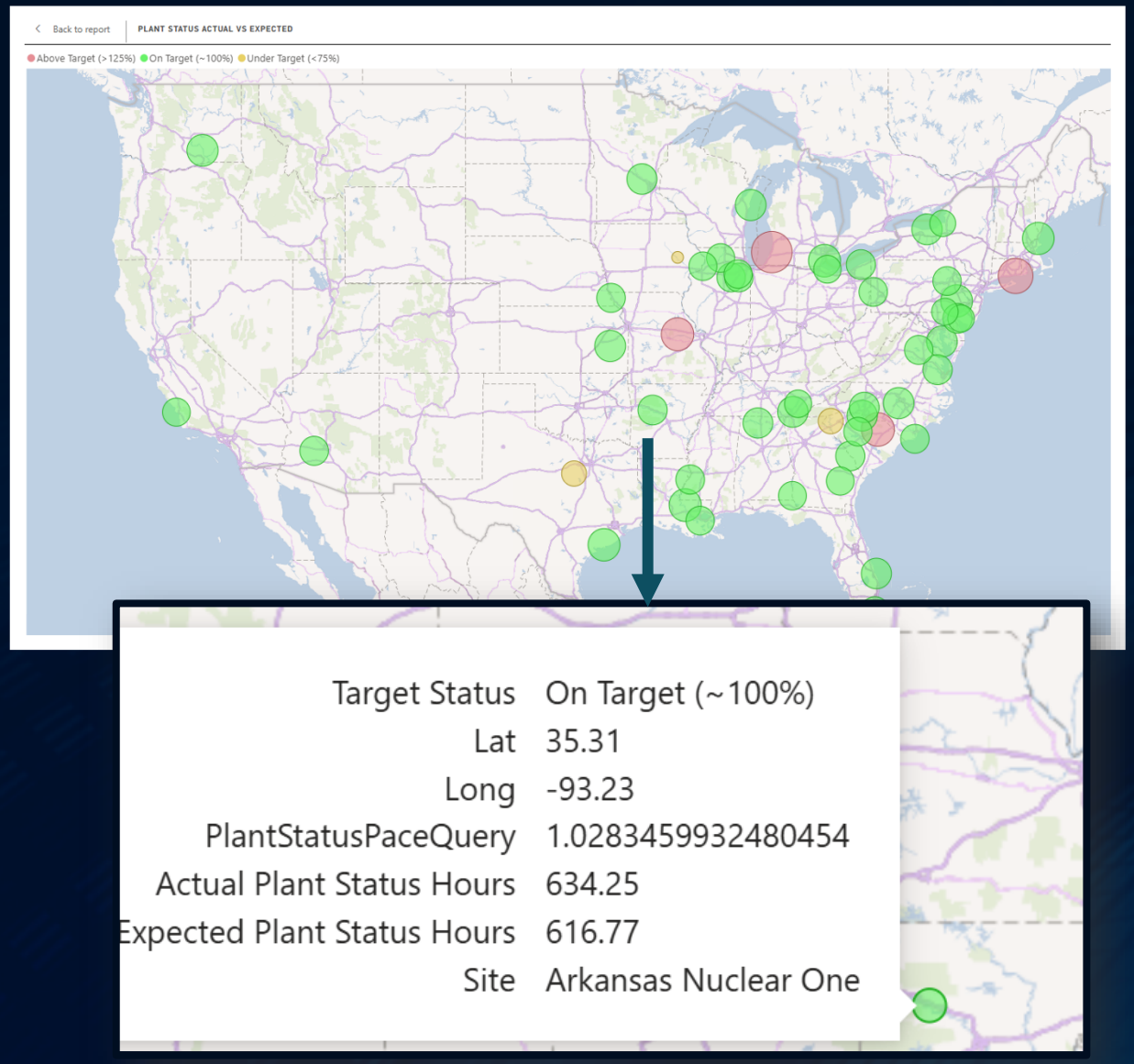
Inside CNRI: The Numbers That Define Us

- 530 Staff members on board
- Resources from eight current or former NRC Offices
- Staff in 28 different States
- >65,000 hours of direct inspection at 55 different reactor sites
- >200 allegations per year
- >60 escalated enforcement actions per year
- >100 investigations per year



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CNRI Priorities



Core Mission Delivery

- Safety
- Efficiency
- Speed/Timeliness

Leadership and Operational Excellence

- Predictable cadence with consistent, professional communications
- Engaged Leadership
- National Oversight Model

Sustainable Performance Through Continuous Learning

- Invest in our people
- Continuous learning

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Beyond Inspections: CNRI's Broader Role

Division of Oversight and Compliance Programs

- Allegations and Enforcement
- ROP Program Office Branches
- Probabilistic Risk Assessment Branch

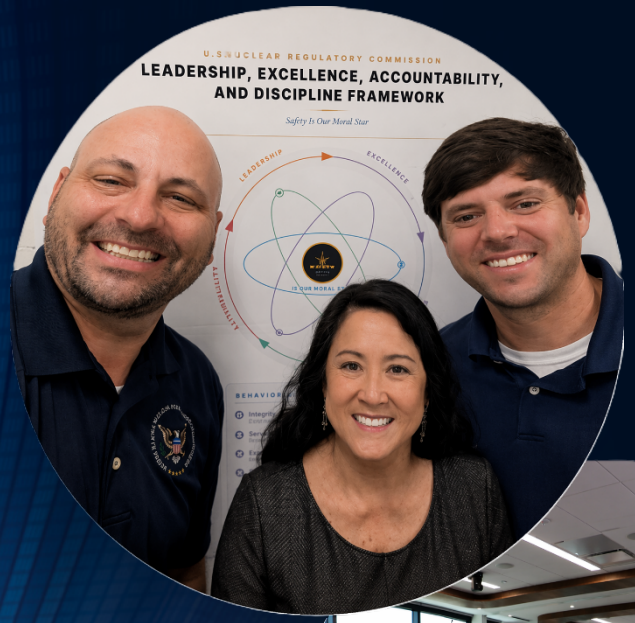
Division of Reactor Inspection Support

- Operating Experience and Data Resources
- Operator Licensing
- Quality Assurance and Vendor Oversight

Division of Investigations

- Northern Field Office
- Southern Field Office

LEADing the Way: CNRI's Culture in Action











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Reflections on the First 100 Days of the Revised ROP

Greg Warnick

REGIONAL ADMINISTRATOR (ACTING),
REGION IV, CNRI

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Inspection Program Changes Overview and Update

Implementation Milestones

- Revised ROP Effective July 1, 2026

Program Streamlining

Feedback & Continuous Improvement

Operational Enhancements



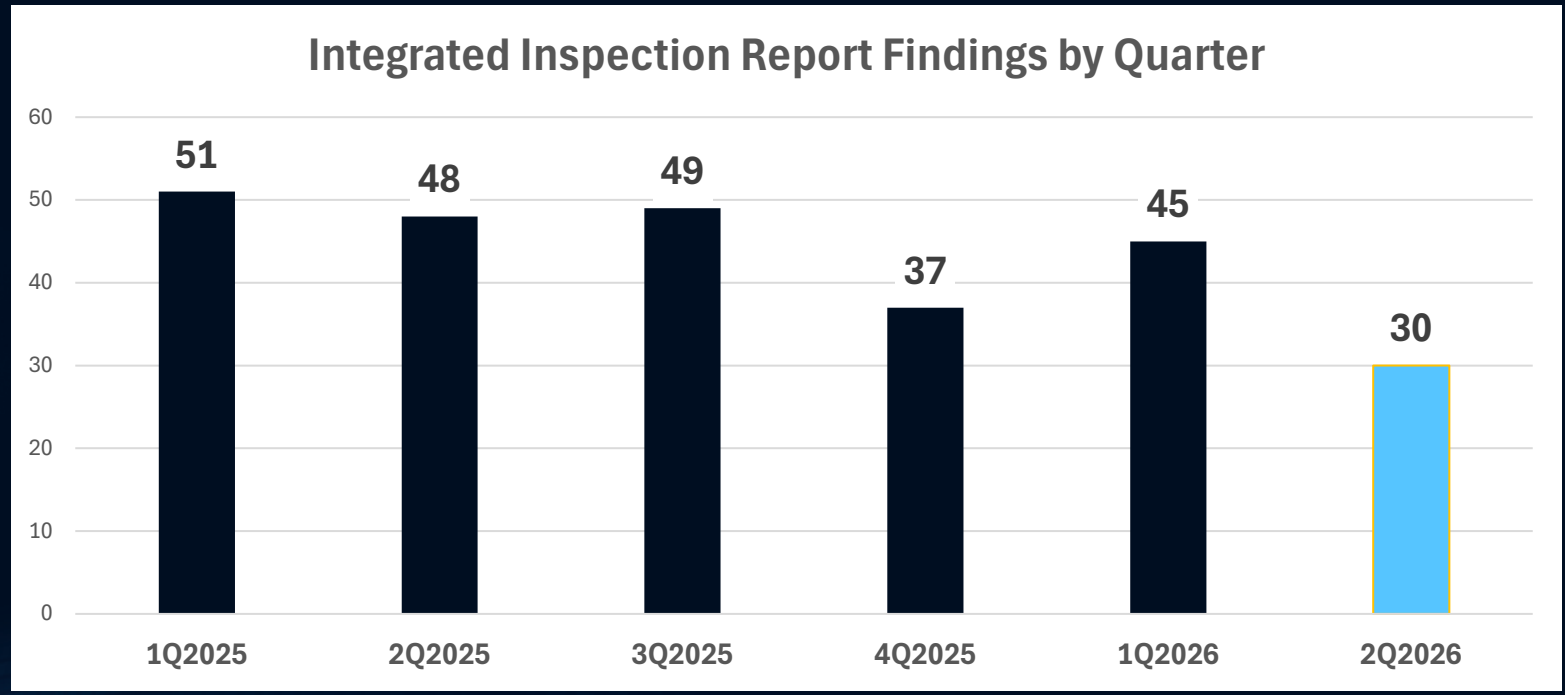
More than Minor Screening Changes Impact

Objective Criteria Implementation

Improved Oversight Predictability

Stakeholder Feedback & Guidance

Analysis of Documented Findings Using New MTM Criteria		
	100 Evaluated	67 Stayed MTM
NRC-ID	54	29
Self-Revealed	46	38



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Security Oversight Update

Risk-Aligned Inspection Focus

Program Adjustments for Effectiveness

National Scheduling & Methodology Updates

Self-aware and Self-correcting

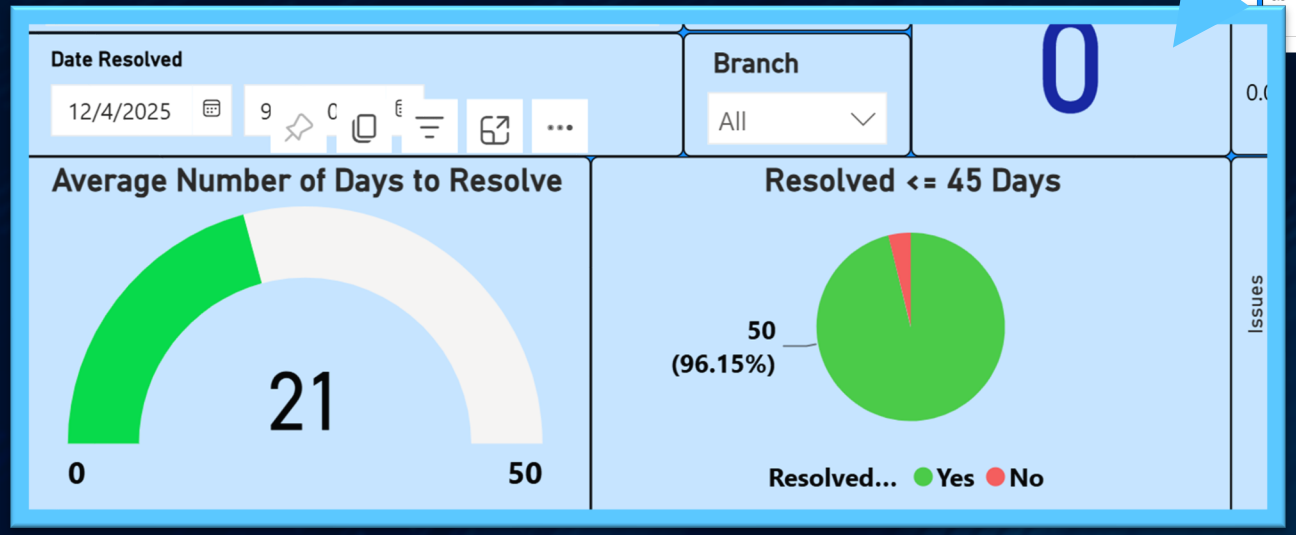


One Oversight Team – Striving for National Consistency

Unified Oversight Approach

Data-Driven Performance Management





Operational Discipline & Strategic Cohesion

Commitment to NRC Mission

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Health of Resident Inspector Program

Amber Donley, Ph.D.

SENIOR RESIDENT INSPECTOR, TURKEY POINT, DRP, REGION II

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Impact of ROP Changes to Residents

Inspection Procedure Series	Program Annualized Hours January 1, 2025	Revised Program Annualized Hours	% Change Resource Usage
Reactor Safety Inspection Procedures (IP 71111 Series)	1145	734	-36%
Emergency Preparedness Inspection Procedures (IP 71114 Series)	144	63	-56%
Radiation Protection Inspection Procedures (IP 71124 Series)	115	71	-36%
Security Inspection Procedures (IP 71130 Series)	287	149	-48%
PI Review, PI&R, Event Follow-up Inspection Procedures	327	145	-55%
Total	2018	1162	-42%



Senior Resident Inspector Council

RESIDENT INSPECTOR STANDING COMMITTEE

2022

- Established in 2022
- Focused on program improvement through resident insight

SRI COUNCIL

2026

- Established in 2026
- National leadership body with expanded impact and formal feedback pathways

RETAINS CORE FOCUS

- Identify Best Practices
- Information Sharing
- Health Monitoring
- Recommend Enhancements

AUGMENTS WITH NEW RESPONSIBILITIES

- Establish Formal Feedback Pathways to CNRI Branches
- Advance Training Recommendations
- Advance Knowledge Management Recommendations

WHO SERVES ON THE SRI COUNCIL

- Experienced SRIs from Each Region
- Experienced RIs from Each Region
- Fuel Facility SRI
- CNRI Program Leads

The SRI Council strengthens oversight through insight, collaboration, and shared purpose—advancing safety and excellence across the nation.



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Resident Inspector Training

NRC INSPECTION MANUAL

INSPECTION MANUAL CHAPTER 1245 APPENDIX C17

RESIDENT INSPECTOR TECHNICAL PROFICIENCY
TRAINING AND QUALIFICATION JOURNAL
AND INSTRUCTIONS FOR COMPLETION

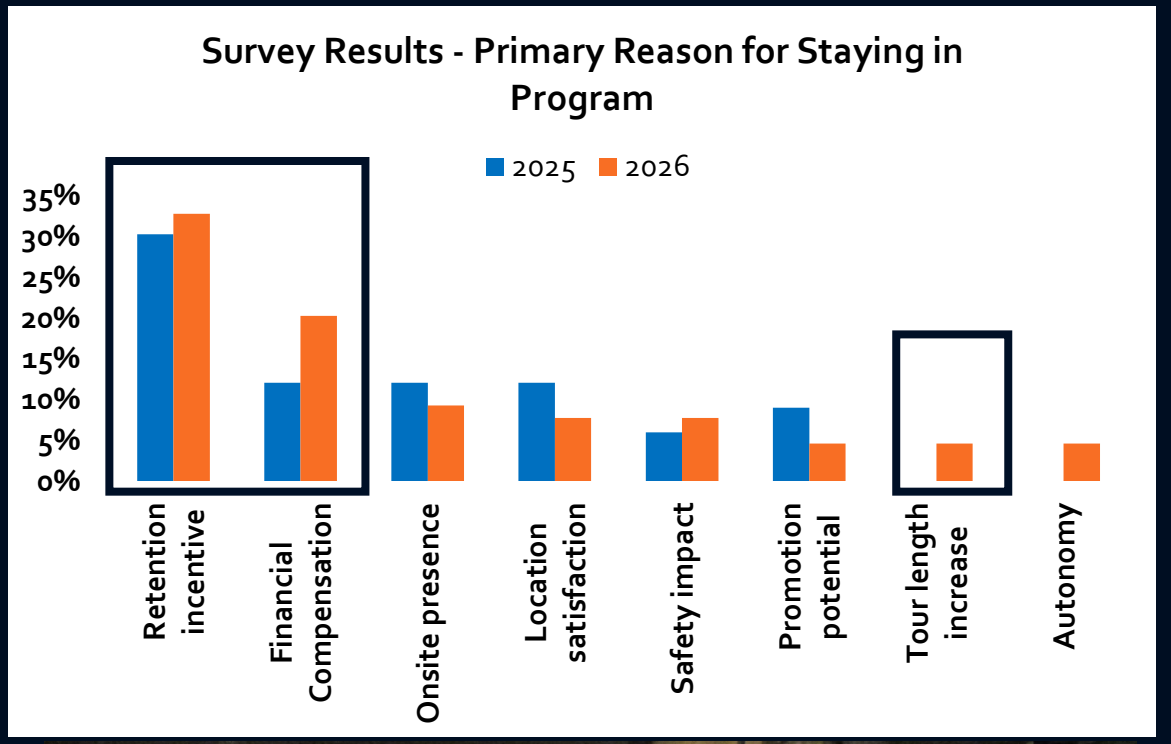
Effective Date: 06/18/2025

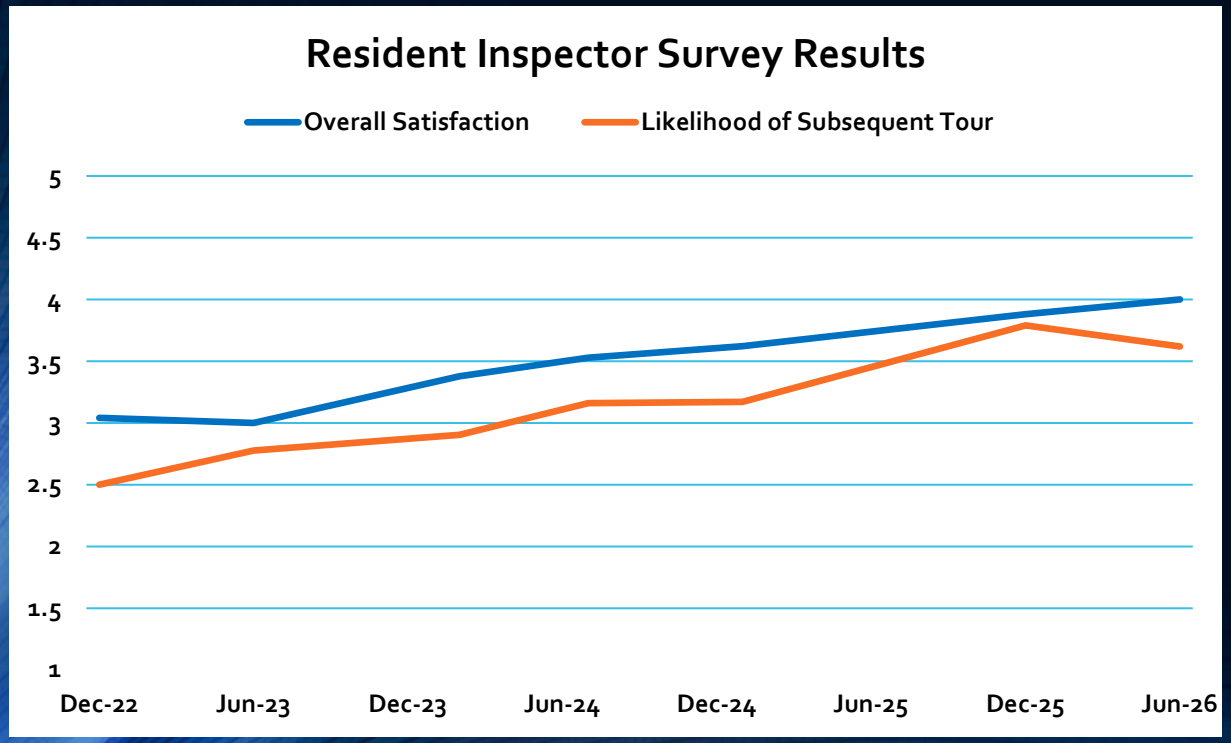




Resident Program Health









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Effectiveness of Distributed and Shared Oversight Functions

Shelbie Lewman

CHIEF (ACTING), ALLEGATIONS AND ENFORCEMENT BRANCH, DOCP, CNRI

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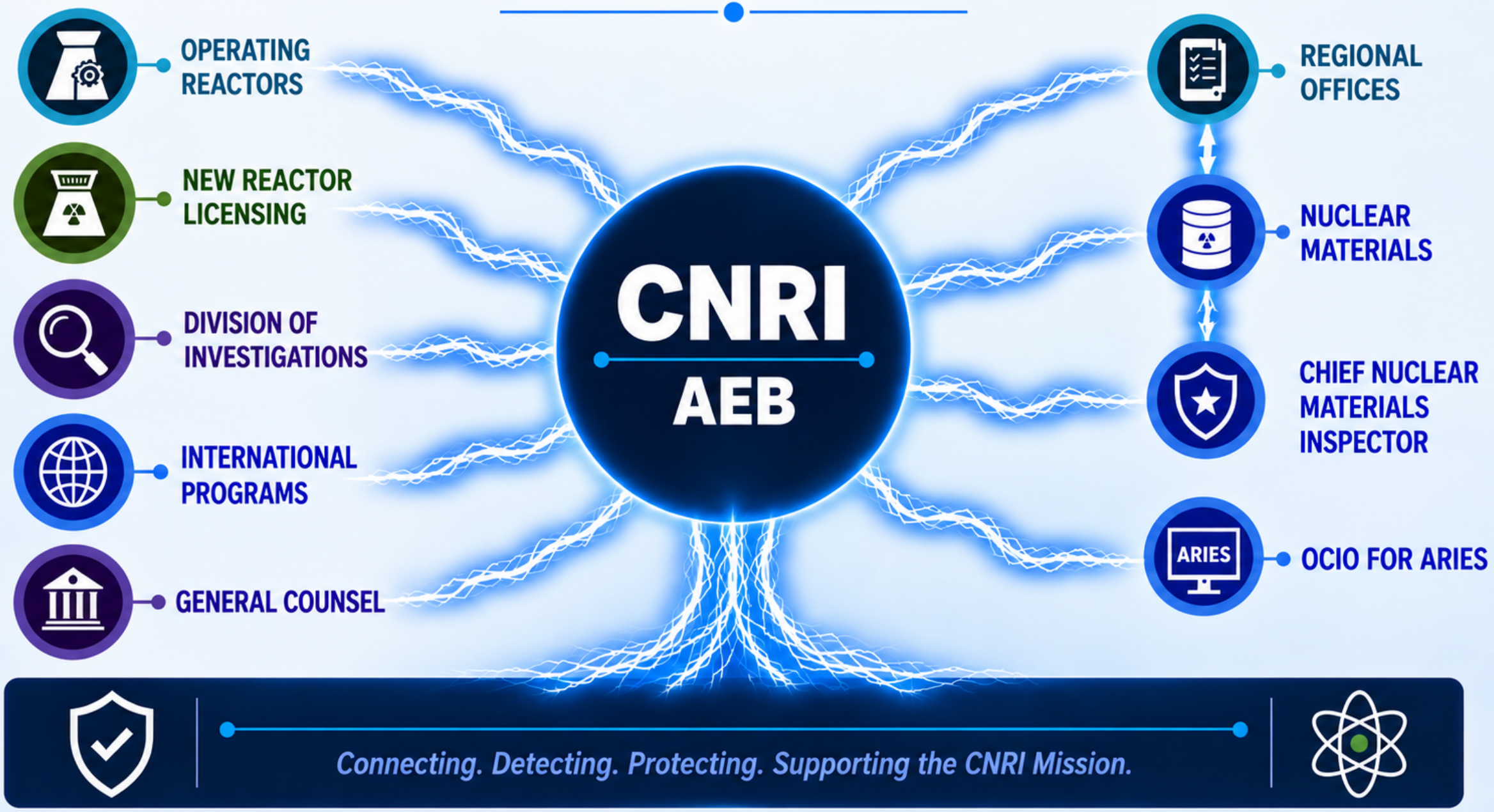
Revised Structure of Allegations, Investigations & Enforcement Programs



- Enforcement functions are now aligned.
- CNRI responsible for allegations and investigations, offering enhanced coordination with partner offices.
- Unified oversight allows streamlined processing.
- Delegations reflect new organizational structure.

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CNRI ALLEGATIONS & ENFORCEMENT BRANCH



CNRI/CNMI Enforcement Synergy



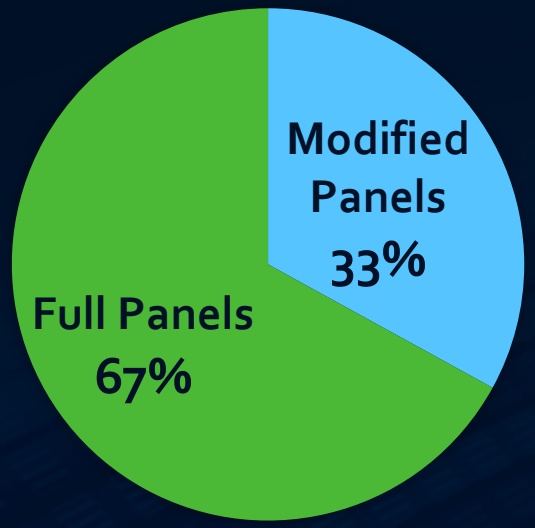
Reactor and materials oversight programs integration strengthens national consistency and workforce agility

- Focuses resources in the areas of greatest risk
- Ensures timely decisions
- Promotes a culture within enforcement focusing on the LEAD framework
- Reinforces shared practices and address systemic challenges
- Promotes innovation

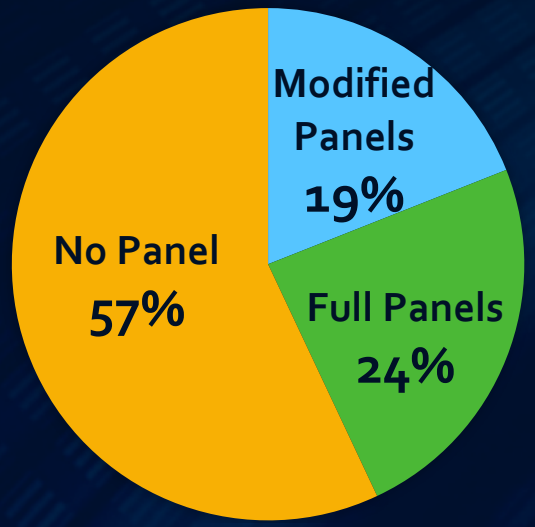
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Enforcement Efficiency Enhancements

Enforcement Panels (Aug 2024 – Aug 2025)



Enforcement Panels (Aug 2025 – Aug 2026)



Three- Tier Panel System

- Accelerated escalated enforcement processing
- Improved documentation consistency

Newly Awarded ADR Contract

- Improves timeliness, structure, and documentation rigor across early ADR and enforcement ADR activities

Differing Views Program

- Emphasizes early engagement, safety-significance prioritization, and faster resolution
- NCP and DPO processing times below established goals
- One NCP processed in 6 days
- One DPO processed in 9 days

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On the Horizon: Enforcement Policy & Allegations Program Changes



Enforcement Policy and Manual Updates

- Ensure alignment with EO 14300 rulemakings
- Integrate expectations for next-generation technologies

Strengthening Allegations and Investigations Programs

- Provide clear off-ramps when exculpatory evidence emerges.
- The Senior Allegations Program Manager role
- Modernizing allegations metrics will improve consistency, transparency, and timeliness



Improving Enterprise Systems

- CNRI/CNMI and OCIO are partnering to advance development of ARIES

Ensure end-to-end efficiency, clearer case visibility, and improved support for staff decision-making

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Closing Remarks

Mike King

EXECUTIVE DIRECTOR FOR OPERATIONS

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Acronyms

ADR	Alternative Dispute Resolution
ARIES	The Allegations, Resolution, Investigation and Enforcement System
CFR	Code of Federal Regulations
CNMI	Chief Nuclear Materials Inspector
CNRI	Chief Nuclear Reactor Inspector
DFMP	Division of Federal Materials Programs
DPO	Differing Professional Opinion
DRP	Division of Reactor Projects
EO	Executive Order

Acronyms

IMPEP	Integrated Materials Performance Evaluation Program
NCP	Non-Concurrence Process
NMP	National Materials Program
NMSS	Office of Nuclear Material Safety and Safeguards
NMU	Nuclear Materials Users
OCIO	Office of the Chief Information Officer
ROP	Reactor Oversight Process
TTC	Technical Training Center

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MATERIALS OVERSIGHT PANEL

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OPENING REMARKS AND INTRODUCTIONS

Sabrina Atack

DEPUTY DIRECTOR FOR REACTOR, MATERIALS, AND PREPAREDNESS PROGRAMS

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STATUS UPDATE FROM THE CHIEF NUCLEAR MATERIALS INSPECTOR

Jamie Pelton

DEPUTY OFFICE DIRECTOR FOR REGIONAL OVERSIGHT/ CHIEF NUCLEAR MATERIALS INSPECTOR

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Organizational Overview: Structural Alignment Drives Broader Benefits



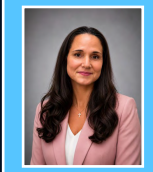
Division of Federal Materials Programs



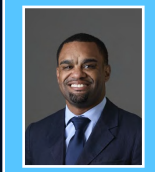
Inspection and Licensing Branch - East



Inspection and Licensing Branch - Central



Inspection and Licensing Branch - West



Inspection and Enforcement Support Branch



Division of Decommissioning, Fuels, ISFSIs & Transportation



Fuels Oversight Branch 1



Fuels Oversight Branch 2



Decommissioning Oversight, Evaluation and Remediation Branch

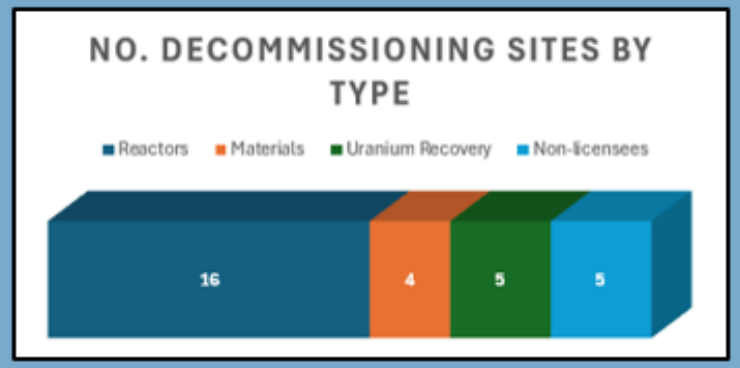


Spent Fuel Storage and Transportation Oversight Branch

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CNMI BY THE NUMBERS

30
Decommissioning Facilities



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Spent Fuel Storage and Transportation

68 Reactor Sites with Generally Licensed ISFSIs

17 Specifically Licensed ISFSI Sites

12 Away From Reactor ISFSIs

Fuel Facilities

1 Uranium Conversion

3 Uranium Enrichment



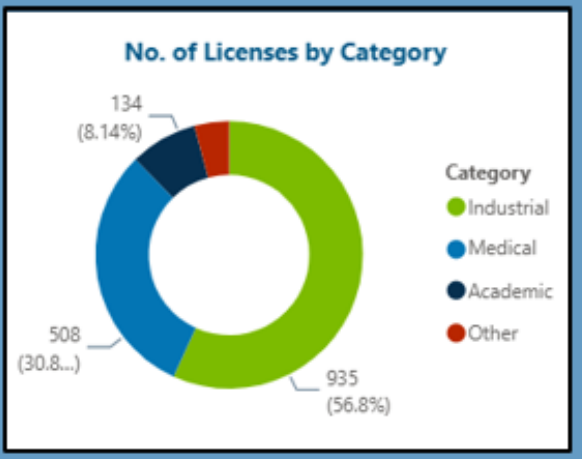
Fuel Fabrication

2 Cat I

3 Cat III

1 Cat II (under construction)

1646
Nuclear Materials Licenses







Setting Long Term Direction: CNMI Priorities in First 100 days

Setting Clear Long-Term Direction, Continuous Learning, Self-Aware and Self-Correcting

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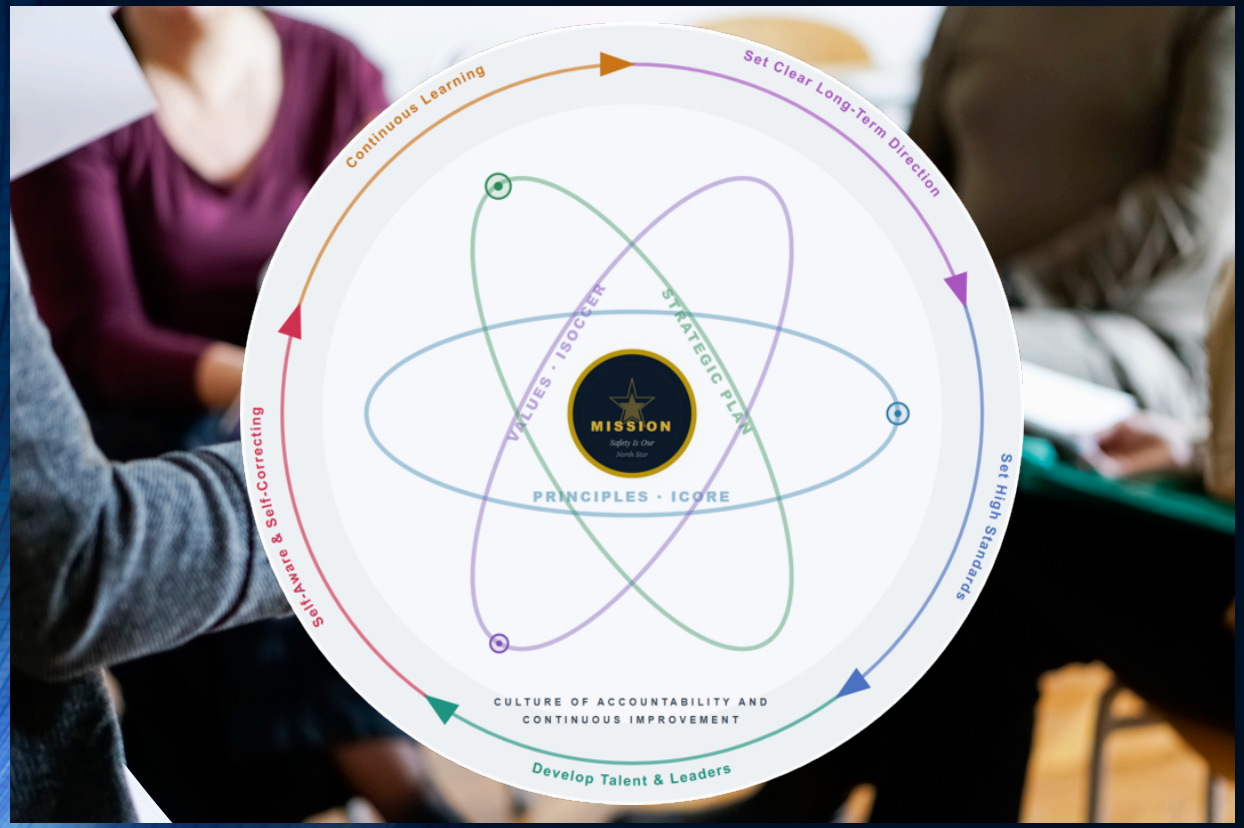




Framework for Success: Now and In the Future

Setting Clear Long-Term Direction, Developing Talent and Leaders

CNMI: Leading With the LEAD Model





Leadership, Excellence, Accountability, and Disciple

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REFLECTIONS ON THE FIRST 100 DAYS OF REORGANIZED MATERIALS OVERSIGHT

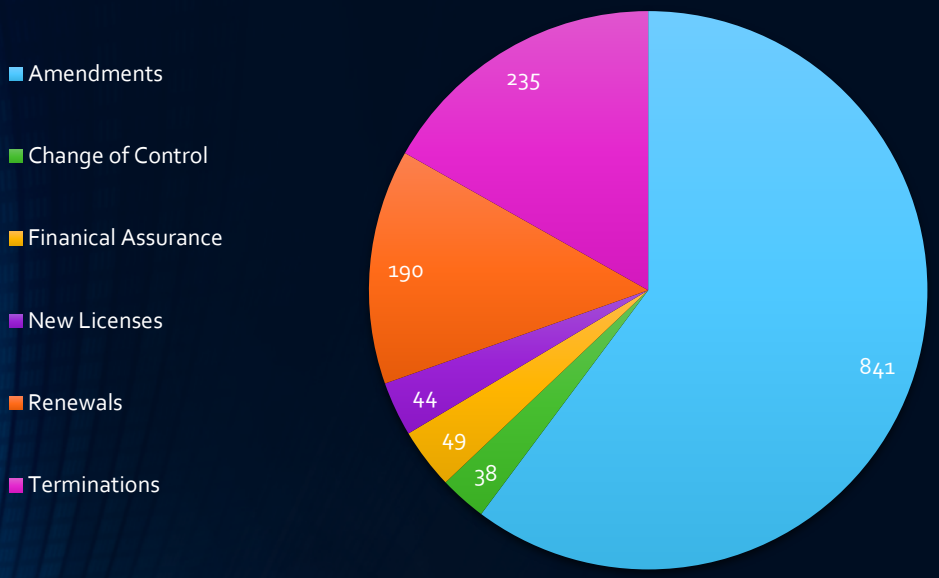
Jared Heck

DIVISION DIRECTOR, DIVISION OF FEDERAL MATERIALS PROGRAMS, NMSS

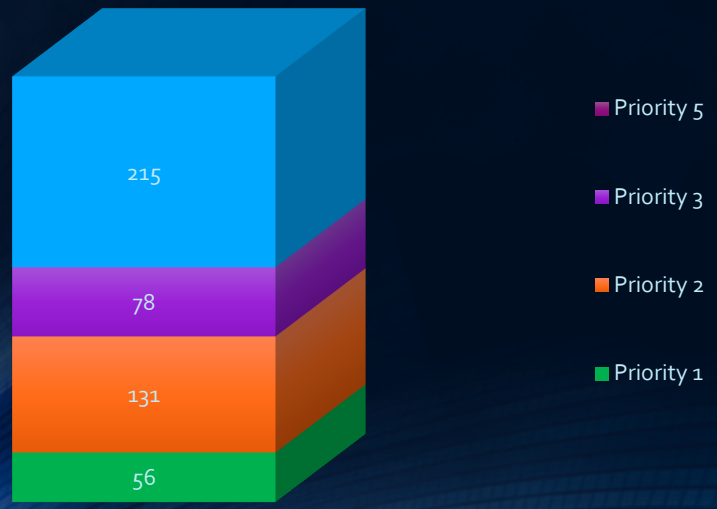
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Setting High Standards

Licensing Actions Completed



Completed Inspections



Focus	Core mission excellence
Align	Procedures, templates, and workflows
Streamline	Decision making
Strengthen	National inspection and licensing approach

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Team Development and Continual Learning

- Integrate with NMSS
- Connect with Teammates
- Benchmark with Partners
- Model Behaviors
- Invite Feedback







Long-Term Direction

- Enhance skillsets and cross-qualification
- Optimize programs and policies so resources are used commensurate with safety benefits
- Implement ADVANCE Act and EO 14300 Initiatives
- Continually Assess







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EFFICIENCIES IN MATERIALS OVERSIGHT

JONATHAN PFINGSTEN

SENIOR HEALTH PHYSICIST, INSPECTION AND LICENSING BRANCH CENTRAL, DFMP

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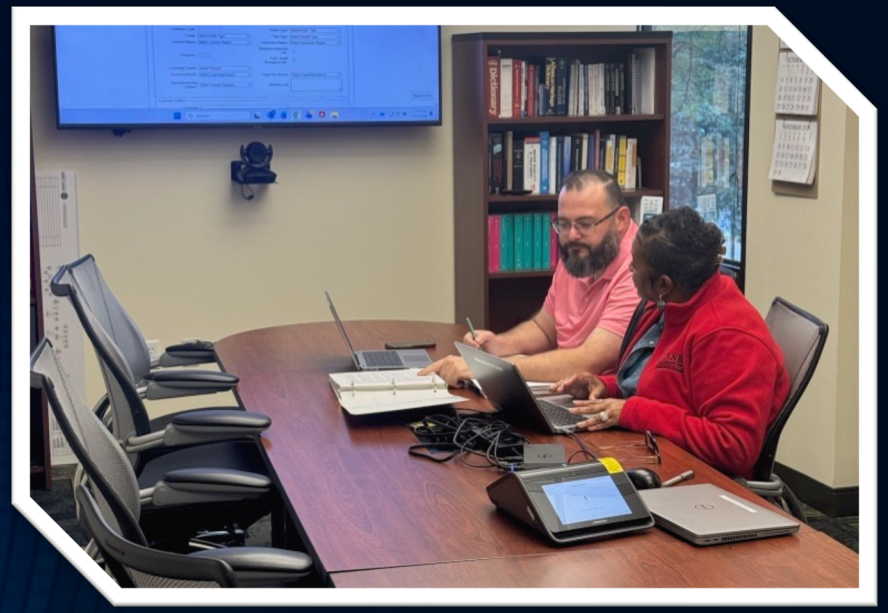
Accomplishments in First 100 Days

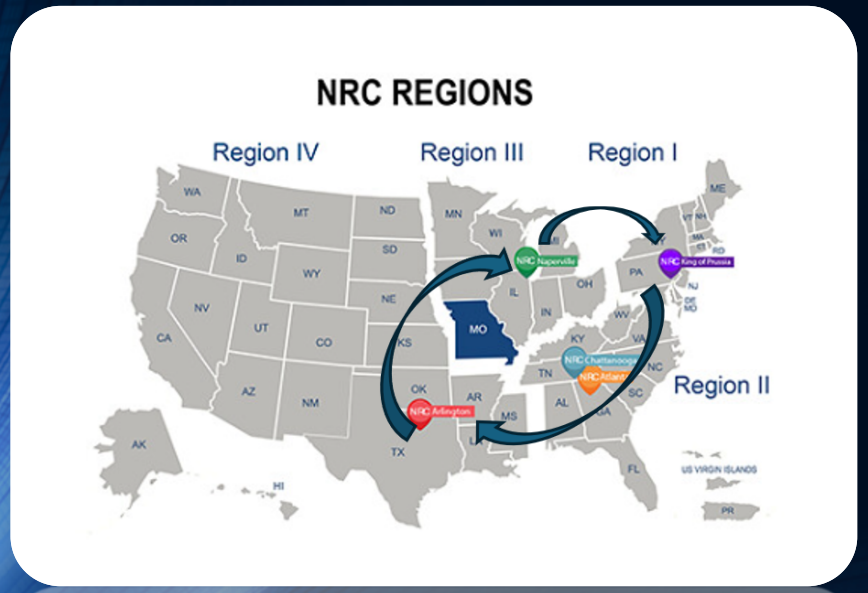


- Improved licensing/inspection coordination
- Streamlined Process for Escalated Enforcement
- Enhanced More-Than-Minor Criteria



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Current Focus Areas

- Improve consistency between branches
- Cross qualifications
- Span of control
- National Inspection and Licensing Program

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Looking Ahead - Beyond 100 Days

Rulemaking – 10 CFR Parts 30, 35, 37

Improved Licensing Process – Standard General Licenses

Enhanced NMU support from Project Manager





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AGREEMENT STATE SUPPORT

Lizette Roldán-Otero, PhD

BRANCH CHIEF, INSPECTION AND LICENSING BRANCH WEST, DFMP

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Enhancing the National Materials Program Through Reorganization

- Realignment of the Agreement State Officers to one branch improves collaboration and consistency.
- Regions reporting to a single director increases alignment and clarity.

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Efficiencies gained through reorganization

- Improvements made to the IMPEP program
- Consistency across the Branches in license reviews and inspection reporting

Continued Support to Agreement States





- New Agreements with Connecticut and Indiana
- NMP Inspection and Licensing support led by the NRC
- Washington Agreement State Program Recovery and Success
- Continued support of TTC training classes.

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CLOSING REMARKS

Sabrina Atack

DEPUTY DIRECTOR FOR REACTOR, MATERIALS, AND PREPAREDNESS PROGRAMS

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