

The ROP at 25

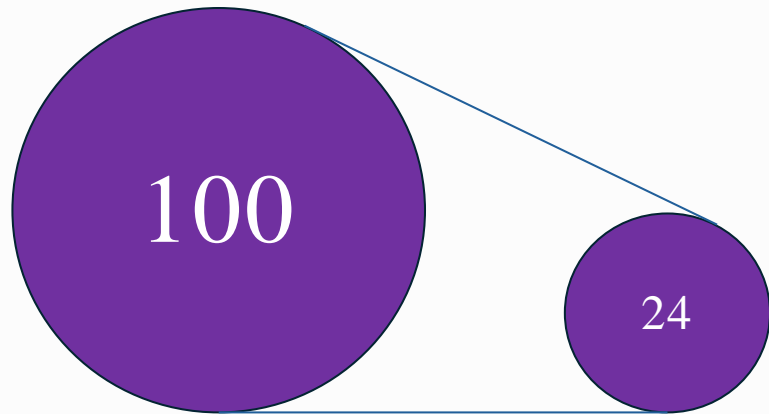
Where do we go from here?

Commission Briefing on ADVANCE Act

March 4, 2025

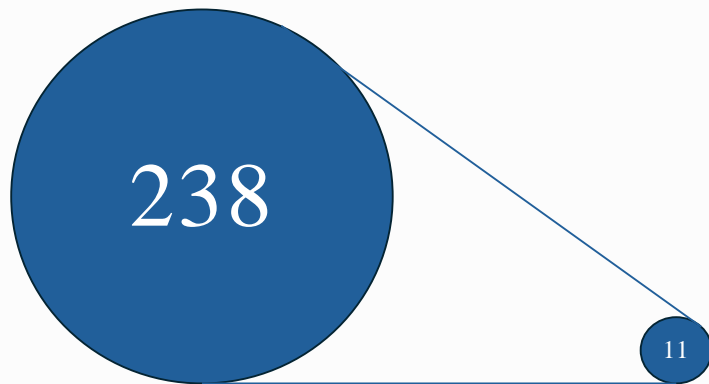
Industry Performance Has Improved

Inspection Findings
(Total Non-Green Findings)



2000 through 2004 2019 through 2023

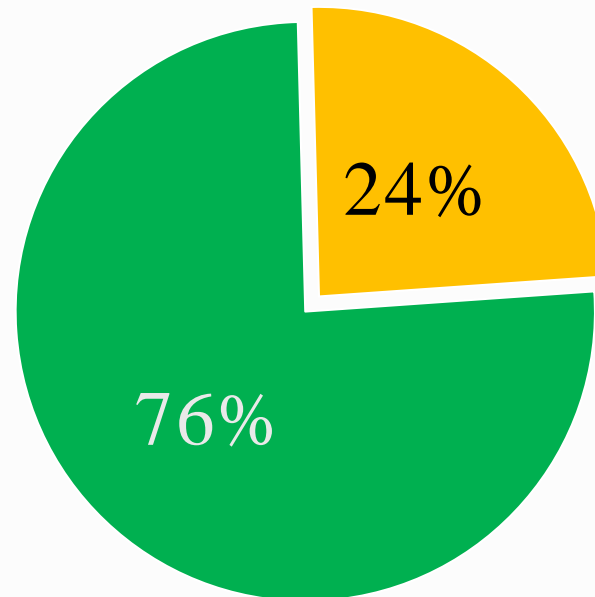
Performance Indicators
(Total Non-Green of Quarters)



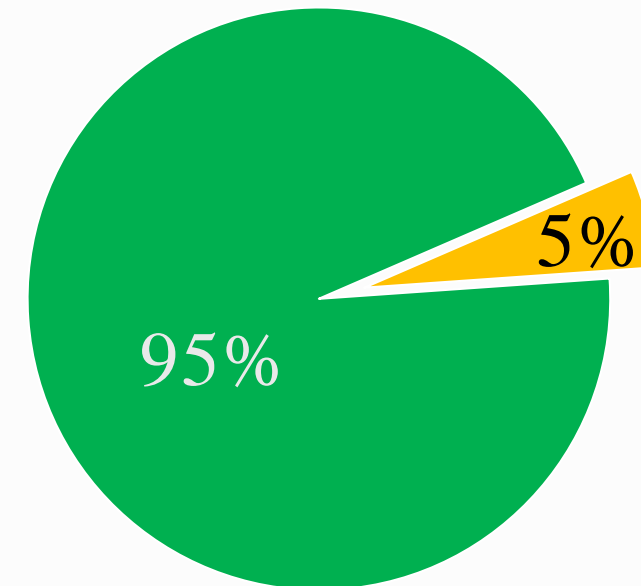
2000 through 2004 2019 through 2023

Level of NRC Oversight
(Average Percentage of Plants)

■ Normal Oversight ■ Enhanced Oversight



First Five Years of ROP

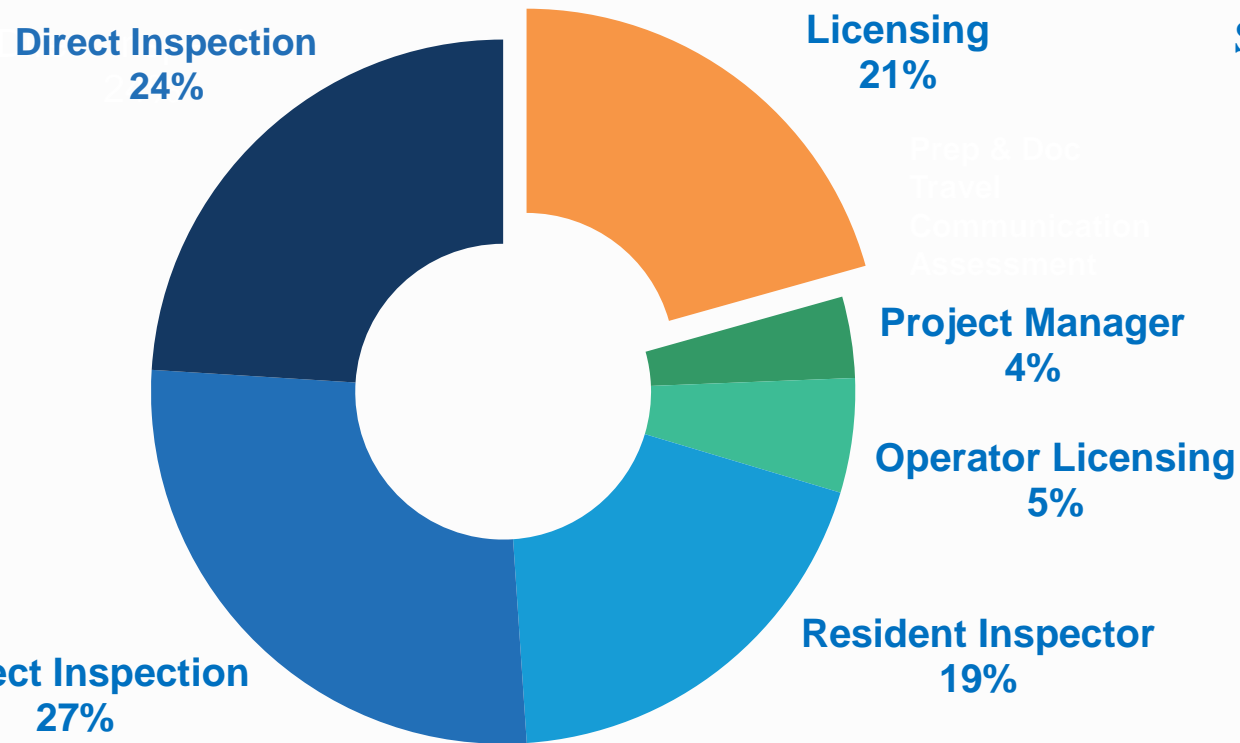


Last Five Years

Time to Re-evaluate the ROP

Licensee Part 170 Fees

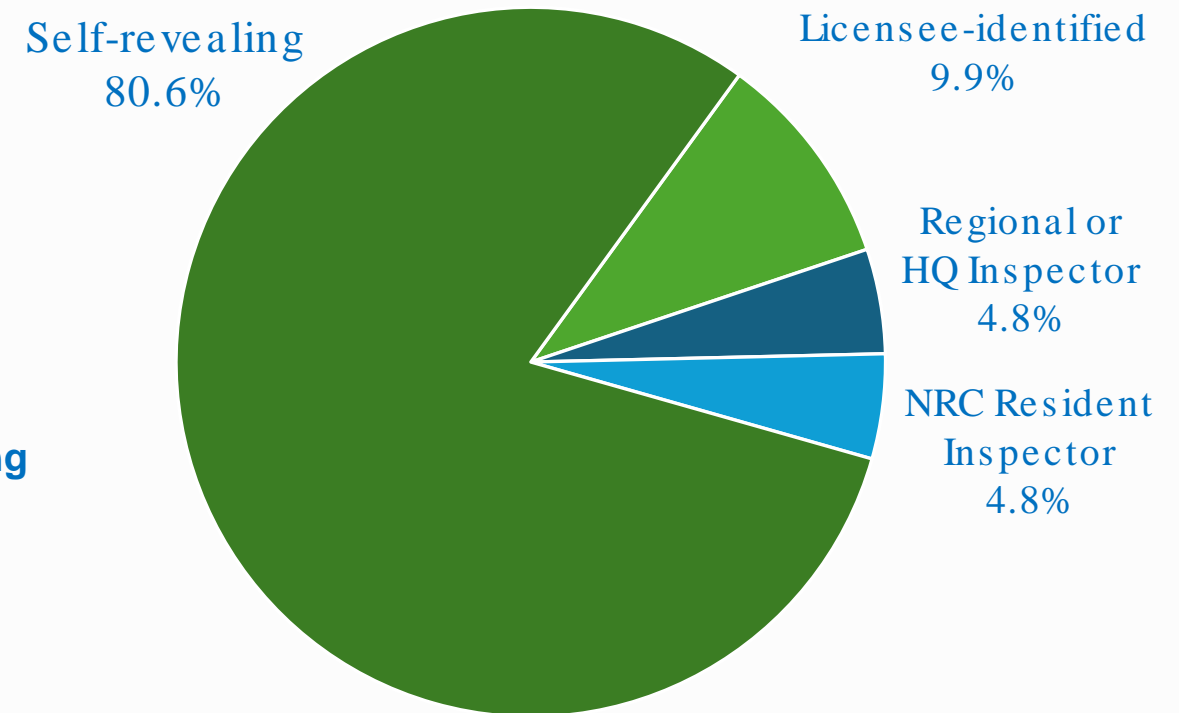
(2020 through 2Q2024)



- Prep & Doc
- Travel
- Communication
- Assessment

Source of Greater-than-Green Findings

(1Q2018 through 3Q2024 – excludes Security)



ROP Focus Areas

- Account for:
 - Licensee issue identification
 - Sustained higher plant performance
- Preparation, documentation, frequency, and conduct
- Duplicative inspection and oversight activities
- Simplify inspection finding screening and assessment
- Improve realism of Significance Determination Process
- Reevaluate Performance Indicators

Significant Opportunity for Efficiency Improvement
Encouraged by NRC Staff Effort to Date

Additional ADVANCE Act Opportunities

- Efficient and predictable licensing schedules
- Enhanced project management and transparent performance metrics
- Rapid disposition of low safety significance issues
- Efficient decision-making processes
- Right-sized regulatory requirements for micro reactors and SMRs

Important that Efficiency is Achieved
Across All Business Lines