

NRC RIC 2020

Panel T7

Enhancements to Fuel Cycle Oversight Program



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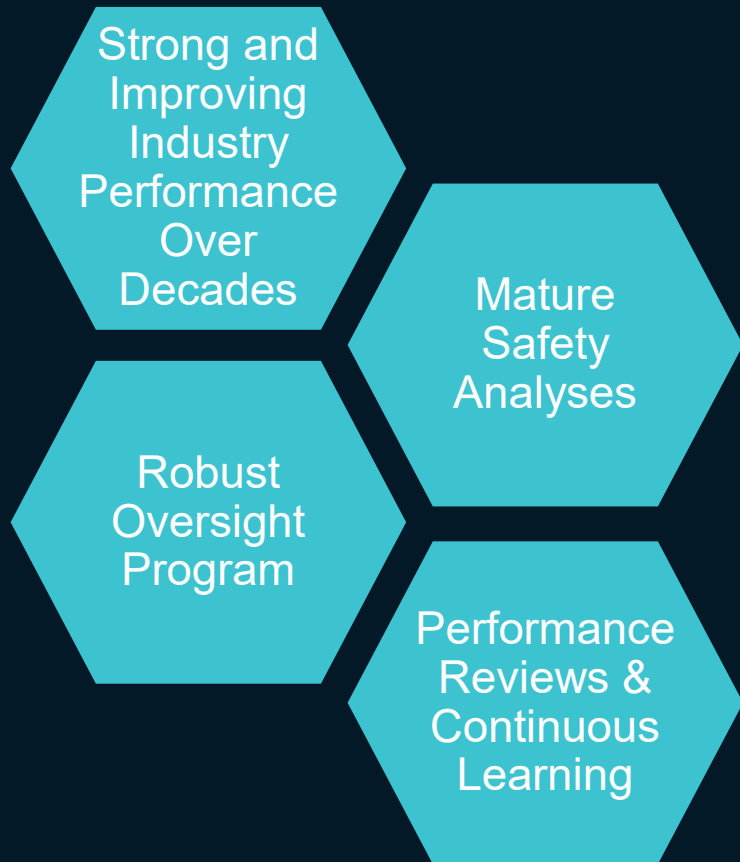
Mission Statement

Promote the use and growth of nuclear energy through efficient operations and effective policy



NEI President and CEO
Maria Korsnick

Current Regulatory Program is not Broken



Efficiencies Can Be Gained

- Benchmark with Other NRC Programs
- Apply Operating Experience Insights
- Identify Higher Risk Activities
- Efficient, Effective & Timely Resolution of Generic Issues

*Success of Our Efforts
Must be Measurable*

Current Decreased Risk Profile of Fleet

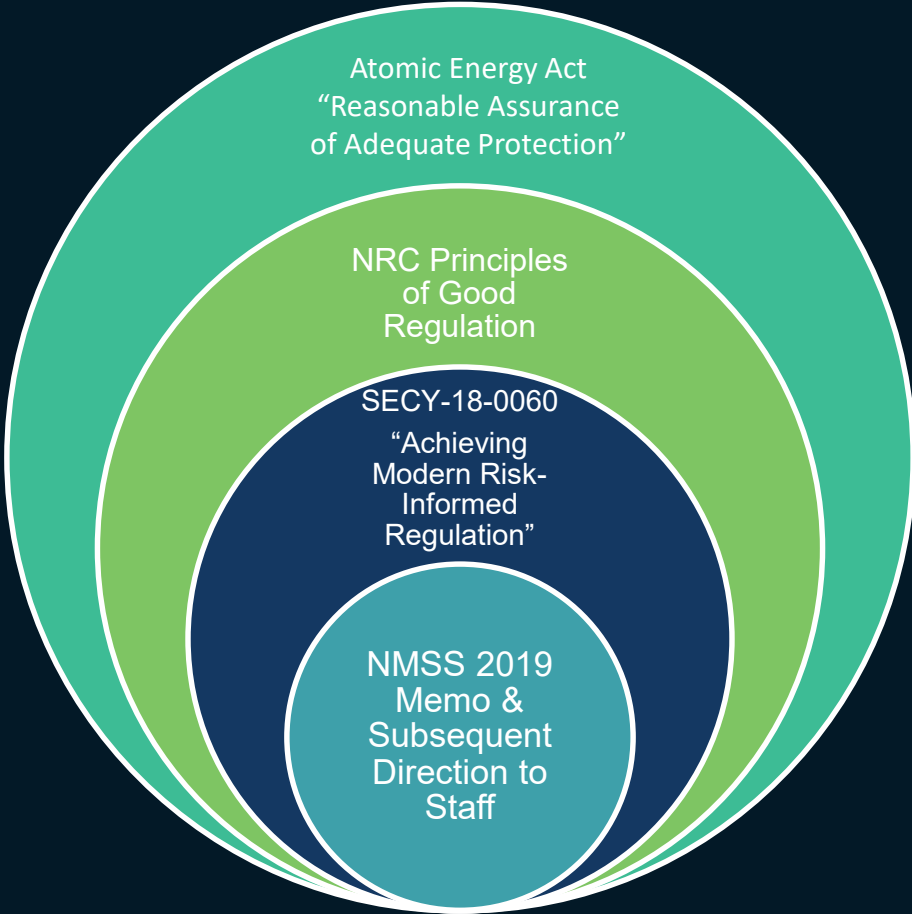
Mature and NRC-accepted ISAs:

- ✓ Improved safety basis for each facility
- ✓ Demonstrated by lower number of safety significant events and violations
- ✓ Strong defense in depth
- ✓ Licensees choose to provide additional margin beyond requirements

Plus:

- ✓ Effective and comprehensive CAPs
- ✓ Sharing of best practices
- ✓ Benchmarking among facilities
- ✓ Timely and effective sharing of operating experience, events, licensing, and inspection experience

Guiding Principles for Effective Oversight



Industry Proposals for Enhanced Oversight

Efficiency Gains

- Re-scope Content, Priority, Frequency of Modules Based on Experience, Data, Judgment, etc.
- Reduce Inspection Frequency of “Low-Risk” Programs
- Bundle Modules
- Reduce Overlaps
- “FLEX” Hours for Performance
- Prep & Post Time Management

Resident Inspectors

- Transfer Additional Procedures to Resident Inspectors at Category I Facilities
- Residents Should Retain Fire Protection and Plant Operations Consistent with Recent Past Practices

Transparent NRC Process

- **Initiated by NRC Management** Fall 2018
- **Several Public Meetings** Apr-Nov 2019
 - e.g., Draft Charters for review & comment
- **Industry & NRC Proposals** – iterative process; discussions ensured clear understanding and identified areas of alignment or lack thereof
- **Parallel Licensing Enhancement Effort** (RIC panel W30)

Areas of NRC & Industry Alignment



Current Status

- **March 5 NRC Public Meeting** on Final Working Group Reports
- **Industry** to Provide Feedback
- **NRC Issues Revised Inspection & Licensing Documents** to Implement Enhanced Program
- **Industry Monitors** Implementation
- **NRC & Industry Measure Success \geq FY22**

Questions?

Thank You