



**RIC 2020**

U.S. NRC  
United States Nuclear Regulatory Commission  
*Protecting People and the Environment*  
#NRCRIC2020

# The Evolution of the ROP

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## ROP Since Implementation

- Framework has not changed
- Numerous changes to ROP elements
- Impetus for changes from numerous sources



## Drivers for ROP Changes

- Inspector feedback and self-assessments
- Industry and public input
- Third-party audits (OIG, GAO)
- Events and significant findings
- Project Aim and transformation initiative



## Performance Indicators

- Safety system reliability
- Scrams with complications
- Security



## Inspections

- Problem identification and resolution
- Security (physical and cyber)
- Engineering
- Material control and accounting
- Beyond design-basis
- Operating experience “smart samples”
- Traditional enforcement follow-up



## Assessment

- Minor / more-than-minor guidance
- Significance determination process
- Cross-cutting issues (and safety culture)
- “Dual Path” conditions
- Column 3 entry criteria
- Mid-Cycle assessments



## Other Activity

- Inspection reporting
- End-of-Cycle public interactions
- “N+1” policy
- Operability guidance
- Unidentified Leakage monitoring
- Temporary instructions