

# Engineering Inspections Update

ROP Meeting  
January 18, 2023

*Douglas Bollock  
IRIB/DRO/NRR*

# Commercial Grade Dedication Inspections

- Technical/process and inspection implementation training for inspectors completed.
  - Training included table-top scenarios
- NRC Technical and Programmatic leads identified. Observing first inspections in each region
- NRC internal cross-regional panels will be held post inspection

# Age-Related Degradation Inspection

Inspection Procedure IP71111.21N.04 completed December 20, 2022 (ML22210A107).

## Objectives

- To verify that engineering performance and maintenance activities to address age-related degradation for structures and components (SCs) are being conducted in a manner that provides reasonable assurance of the safe operation of the plant.
- To verify that age-related degradation for plant SCs are appropriately identified, addressed, and corrected.

# Age-Related Degradation Inspection (ARD)

- This is NOT an aging-management program inspection.
- Verify engineering performance and maintenance activities address age-related degradation
  - Age-related issues, aging components or phenomenon that accelerates the age of components.
  - 12-24 samples, both active and passive components, selection heavily informed by operational experience.

# Age-Related Degradation Inspections

- Technical and inspection implementation training will be developed and conducted for each region's engineering inspectors.
  - Training will include table-top scenarios
- NRC will identify Technical and Programmatic leads
- NRC internal cross-regional panels will be held post inspection to ensure consistency

# Questions?

# For Future Questions

Douglas Bollock

*Senior Reactor Operations Engineer*

*Office of Nuclear Reactor Regulation*

*Division of Reactor Oversight*

*Reactor Inspection Branch*

[Email: douglas.bollock@nrc.gov;](mailto:douglas.bollock@nrc.gov)

Phone: 301-415-6609