

Commercial Grade Dedication Inspections

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Engineering Program Inspection

- Commercial Grade Dedication (CGD) to replace Power-operated Valve (POV) starting in January 2023.
 - This is an IP 71111.21N Design Bases Assurance Inspection (Programs) under the Reactor Oversight Program (ROP) baseline inspection program.
 - Similar to Environmental Qualification (EQ), POV and Fire Protection inspections.

Commercial Grade Dedication Insp.

- Two-week onsite inspection with one week in-between (same as POV, EQ, Fire Protection.)
- Three regional inspectors per inspection team.
- IP 71111.21N format.
 - Performance based inspection through specific sampling.
 - Sample selection of safety and risk significant components that have dedicated components.
 - Uses guidance from IP 43004 “Inspection of Commercial-Grade Dedication Programs.”

Commercial Grade Dedication Insp. (continued)

- Inspection preparation 2-3 months prior to first onsite week (information request, bagman trip)
 - Communications between licensee and inspection team leader well ahead of inspection.
- One inspection at every licensee site.
 - Regardless of shared corporate CGD organizations.
- 9-15 inspection samples per inspection.

CGD Inspection Implementation

- IP 71111.21N.03 procedure to be completed in Spring 2022 and made publicly available.
- Provide CGD training to regional inspectors.
 - Technical and regulatory training.
 - Inspection implementation and scenario based table top exercise.
- Identify technical and programmatic leads.
- Observe first inspections to quickly incorporate any feedback as needed.

CGD Inspection Implementation (continued)

- NRC staff open to public meeting(s) in Fall 2022 to discuss CGD preparation and implementation with industry.
- Hold cross-regional panels post-inspection to ensure consistent inspection implementation.
- Everything we did for POV inspections that led to success!

Questions?

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