

Findings, Readiness Reviews, Assessment

Fuel Facilities Construction Oversight Workshop – August 15, 2023

Three Phases of Inspection

As a reminder, NRC will inspect on a sampling basis:

1. Early management measures program review
2. Construction inspection
3. Operational Readiness Reviews (ORR) / Readiness Reviews*

* Previously issued licenses for fuel fabrication facilities have included a condition requiring the completion of an operational readiness review prior to commencement of operations

Findings

- Findings are intended to note where activities deviate from future requirements
- Documented in inspection reports
 - Describe the finding and tracking
- Closure
 - Could necessitate further on-site inspection
 - Prior to meeting ORR/Readiness Review license condition
 - Closure may not necessarily be tied to license issuance

ORR's/Readiness Reviews

- Enrichment Facilities – ORR's required by 70.32(k)
- Plutonium Processing and Fuel Fabrication Plants – Inspection conducted under 70.23(a)(8)
- All others – a similar requirement is not imposed.
- However, during past license applications reviews, applicants have requested a license condition requiring a readiness review and NRC approval before special nuclear material is brought onsite*

* established during licensing

Readiness Reviews

- Consistent with license condition requested during past reviews
- Readiness review conducted and NRC notified upon completion
- NRC conducts an inspection of the readiness review
- Inspection will primarily include:
 - IROFS and management measures
 - Functional area programs as applicable

Assessment

- Real-time approach (no longer than 12 months between reports/meetings)
- Evaluate and determine if supplemental inspection is needed
- Potential evaluation criteria for supplemental inspections:
 - Common management measure's theme in one or many technical areas
 - Programmatic breakdown of management measures
- Existing Licensees
 - Likely considered within the licensee performance review (IMC 2604) process

Questions?
