



# **Pre-COL Inspections**

**Construction Inspection Program Branch  
NRO/DCIP/CIPB**

# Modified Program

- Addition To The Current Program – Not A Replacement
- Purpose Of Modification
  - Inspect In Process Work That Would Be Considered ITAAC Related (Covered By IMC 2503) If Were Performed Post-COL
  - Support Future ITAAC Closure Evaluation Activities
- Scope Of Modification
  - Inspection Of QA (10CFR50 Appendix B) Controls Applied To The Work
  - Inspection Of Applicant's Oversight Of The Work (Separate From Vendor Inspections)
  - Informed By ITAAC Inspection Procedures

# Background

- NRC Internal Working Group Established
- Not A New Concept – These Inspections Have Always Been A Part Of The Construction Inspection Program
  - SECY-06-0114
  - IMC 2503
- Current Effort Is To Define The Process For Implementation

# Modified Program Attributes

- Most Inspections On Or Near Site
- May Include Inspection At Vendor Facilities Off-site In Coordination With Vendor Branches
- Inspection Of Applicant - Not Vendor
- Coordination With Vendor Branches
- Results Documented In CIPIMS
- Results Traceable To ITAAC In COL
- Results Used As Future Input To ITAAC Closure Evaluation Process



# Implementing Document Status

- IMC 2506 – Construction Reactor Oversight Process Basis Document
  - Provides A High-level Description Of The Process
- IMC 2502 – Construction Inspection Program: Pre-Combined License (Pre-COL) Phase
  - Revision to Scope
  - Provide Working Level Description And Requirements



# Implementing Document Status

- IP 35007 – Quality Assurance Program Implementation During Construction
  - Revision To Include Applicants In Scope
  - Informed By IP 65001.X Series
  - Specific Inspection Requirements



# Implementing Document Status

- IMC 0613 – Documenting 10 CFR Part 52 Construction And Test Inspections
  - Revision To Address Pre-col Inspection Findings
  - Documentation Of Inspection Results



# Conclusion

- Comments/Questions?