



Pre-COL Inspections

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



Current Pre-COL Inspection Program

- IMC 2502: Construction Inspection Program: Pre-combined License (Pre-COL) Phase
- IMC 0617: Vendor And Quality Assurance Implementation Inspection Reports
- Various IPs Related To QA
- Limited In Scope (Activities To Support The COLA Review)

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 (Pre-construction)
 - 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



Proposed Implementing Documents

- IMC 2506 – Construction Reactor Oversight Process Basis Document
 - In Development
 - Provide 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

Proposed Implementing Documents

- **IP 35007 – Quality Assurance Program Implementation During Construction**
 - Revision To Include Applicants In Scope
 - Informed By IP 65001.X Series
 - Specific Inspection Requirements
- **IMC 0613 – Documenting 10 CFR Part 52 Construction And Test Inspections**
 - Revision To Address Pre-col Inspection Findings
 - Documentation Of Inspection Results

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

Schedule

- **IMC 2506 Is In Process**
 - Issue By 10/1/2010
- **Working Group Drafting Revisions To IMC 2502, IMC 0613, And IP 35007**
 - Drafts Due Early July, 2010
 - Into Formal Review Process By 8/1/10
 - Issue In September 2010



Conclusion

- Comments/Questions?