



U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Construction Inspection Program

Regulatory Information Conference

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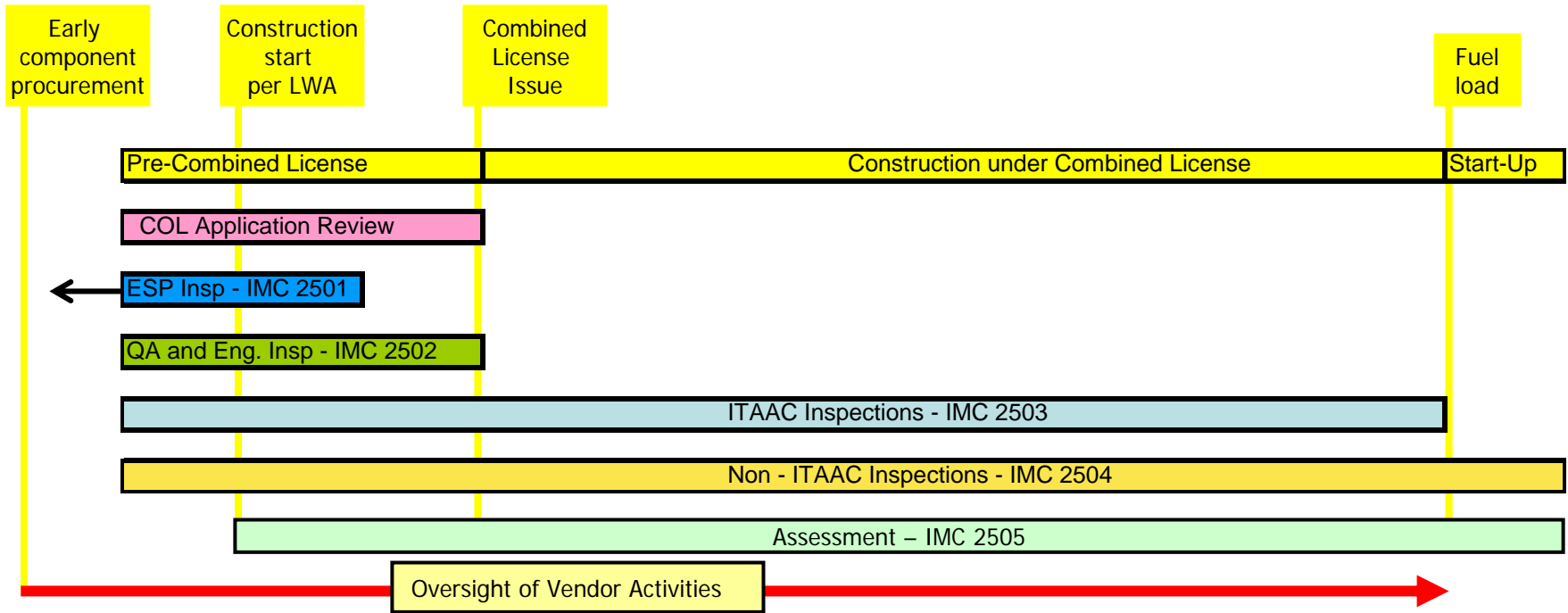


Construction Inspection Program

- Overview of the Inspection Program
- ITAAC Inspections
- Review of Detailed Design
- Vendor Inspection and Oversight of Quality Assurance for Equipment and Components
- Construction Oversight Issues and Recent Insights
- Inspection Management Database

NRC CONSTRUCTION OVERSIGHT HAS MULTIPLE COMPONENTS

Oversight will assure plants are constructed as designed.



Abbreviations

ESP – Early Site Permit
 IMC – Inspection Manual Chapter
 ITAAC – Inspections, Tests, Analyses, and Acceptance Criteria
 LWA – Limited Work Authorization

IMC 2501

ESP QA controls on integrity & reliability of data collected for site

IMC 2502

- QA for design, procurement, & construction
- Translation of certified design into design details

IMC 2503

Verification of successful performance of ITAAC-related activities

IMC 2504

- QA for construction & operations
- Problem identification, reporting, & corrective action
- Work planning/control over work & contractors
- Translation of certified design into design details
- Design change process
- Pre-operational & startup testing
- Operational programs & operational readiness

IMC 2505

-Guides inspection planning

Vendor Oversight

- Verification of QA program implementation, compliance, reporting and corrective action

NRC VERIFICATION OF ITAAC COMPLETION

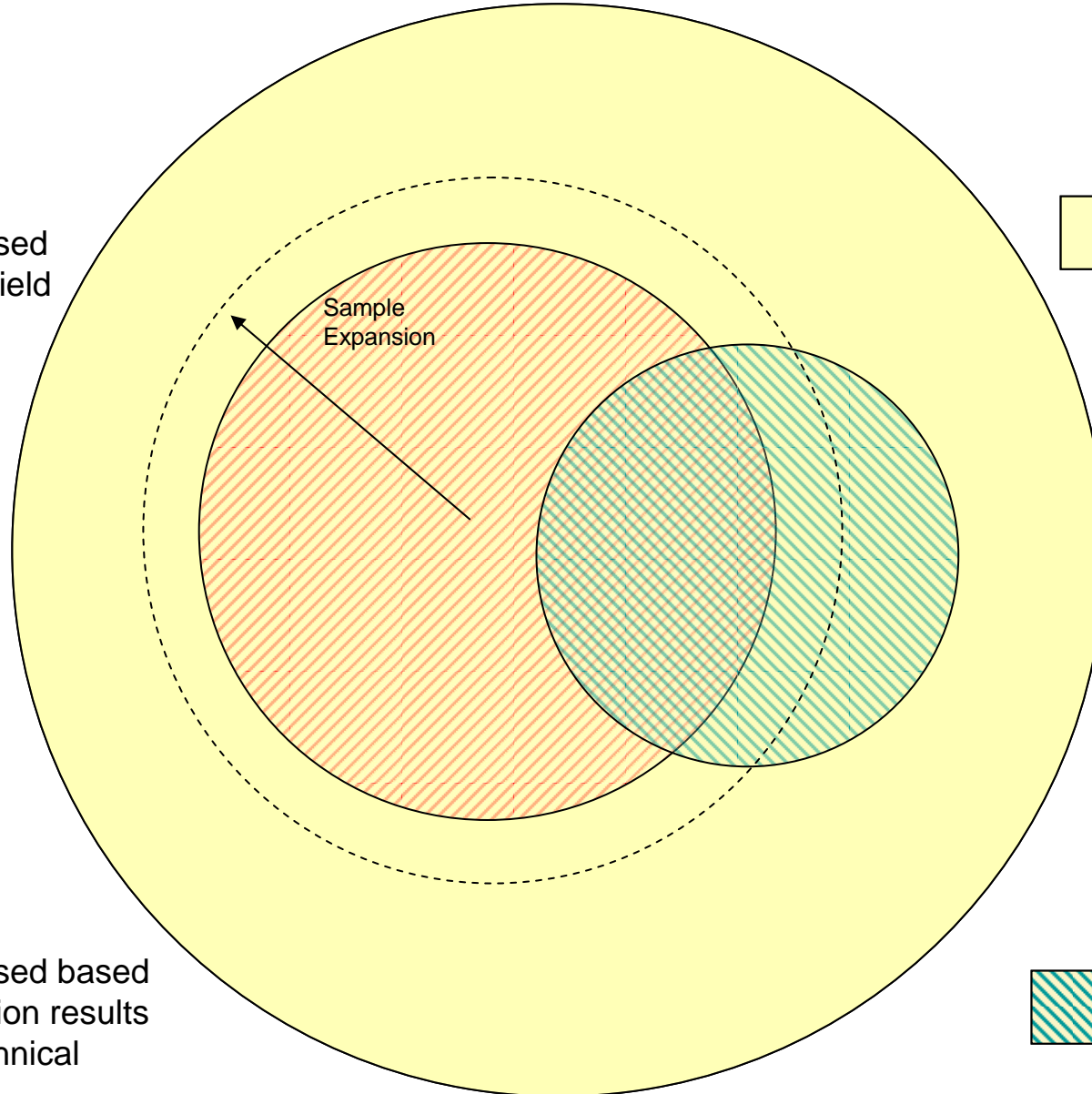
ITAAC closure to be based on 4 types of reviews.



ITAAC closed based on field inspection results.



ITAAC closed based on staff review of the licensee's ITAAC completion bases.



ITAAC closed based on inspection results and/or technical review.



ITAAC subject to technical staff review.

ITAAC = Inspections, Tests, Analyses, and Acceptance Criteria



Construction Inspection Program Proposed Discussion Topics

- Goals and Objectives of the Construction Inspection Program
- ITAAC Prioritization and Sampling Methodology
- Assessment Process and Outcomes
- Enforcement Approach
- Communication of Results
- Public Interaction and Awareness
- Performance Measures