



# **Region II & NRO Vendor Inspection**

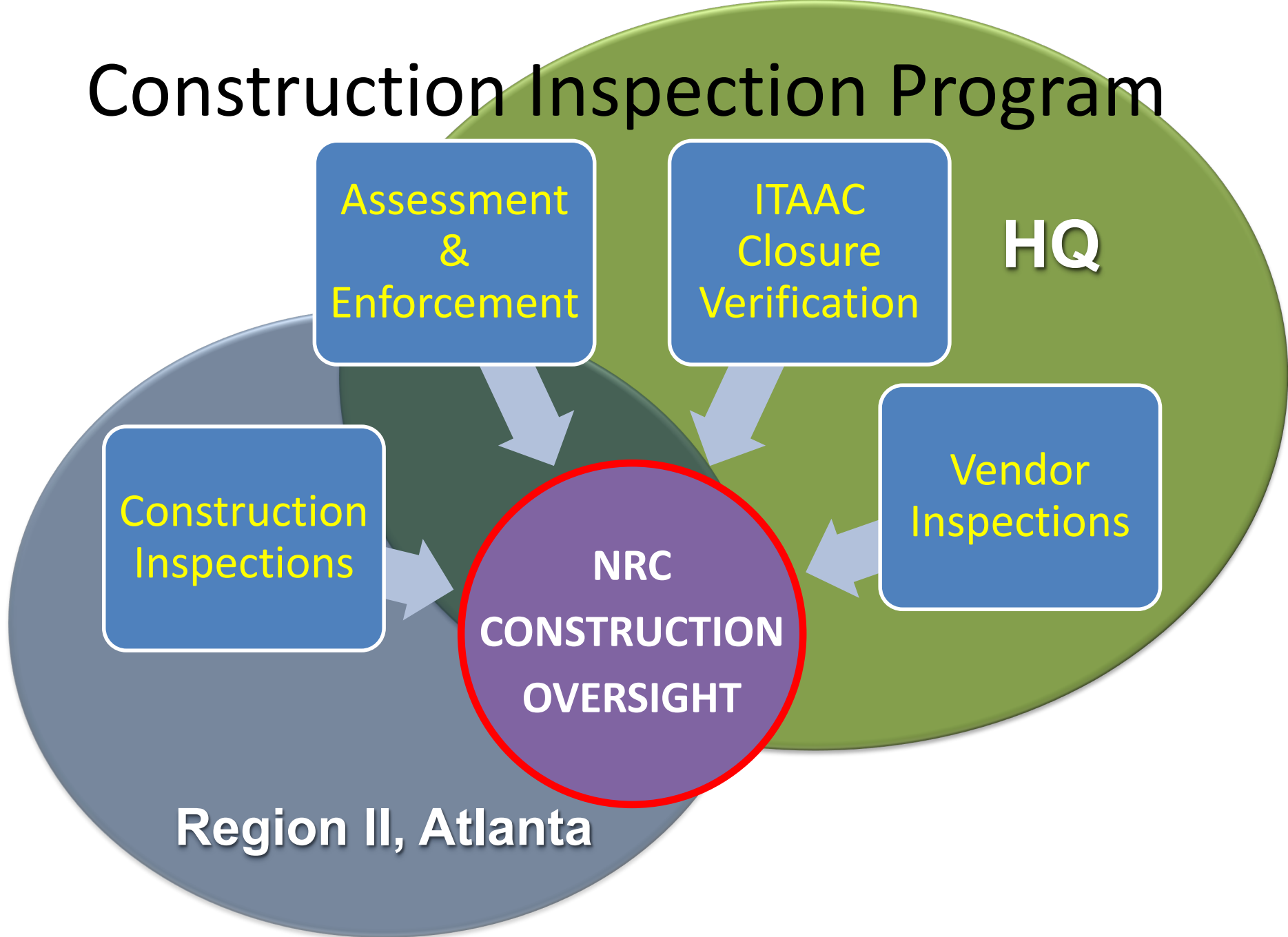
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## **Coordination of ITAAC Inspections**

**Construction Inspection Program Meeting**  
**January 19, 2017**

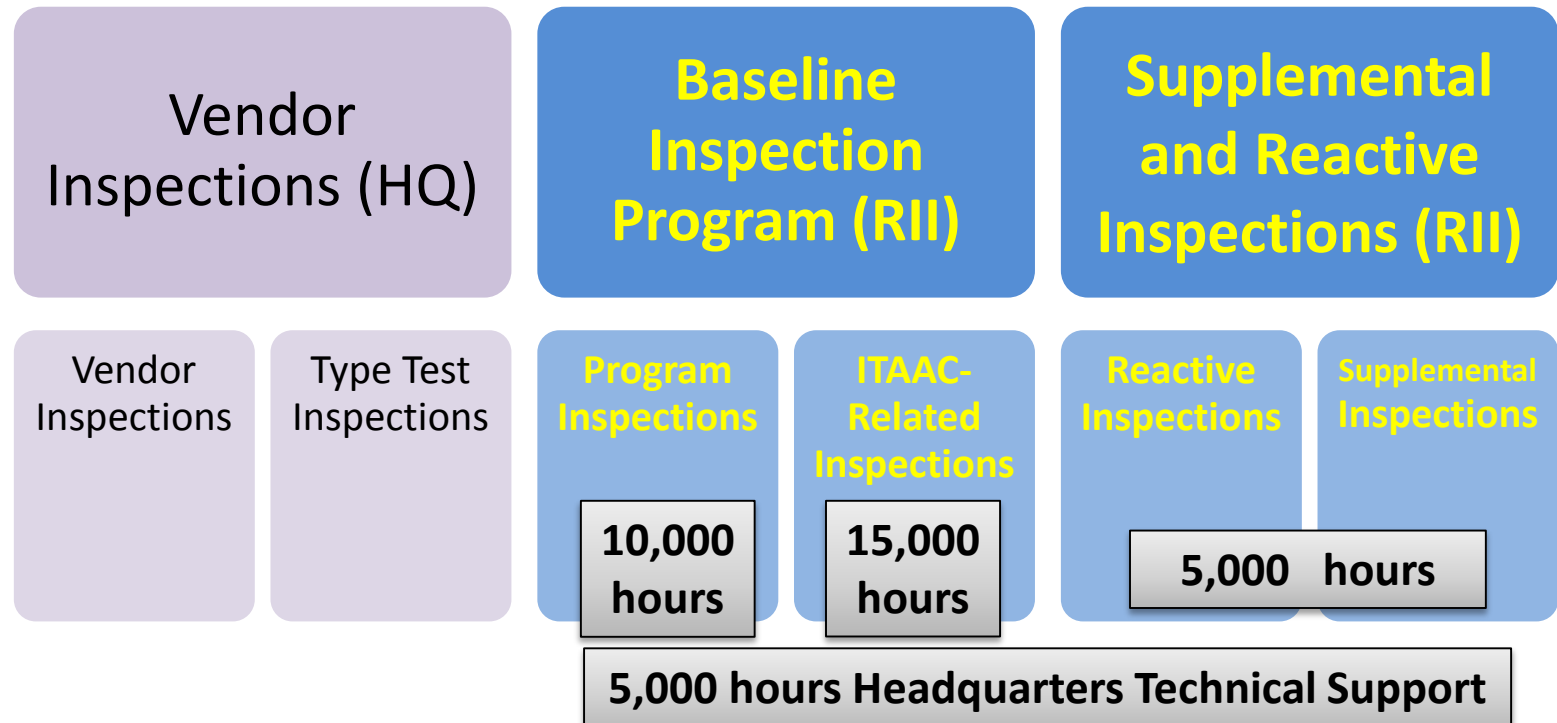
**Victor Hall, Branch Chief**  
**Construction Inspection Program Branch**  
**Division of Construction Inspection**  
**and Operational Programs**  
**Office of New Reactors**

# Construction Inspection Program



# Construction Inspection Program

## Inspections



**35,000 hours of Inspection Estimated per Unit**

# Construction Inspection Program

## Inspections

### Vendor Inspections (HQ)

- Vendor Fabrication and Quality Assurance
- **Observations for ITAAC Closure**

IMC  
2507

### Program Inspections (RII)

- Construction Programs
- Operational Programs

IMC  
2504

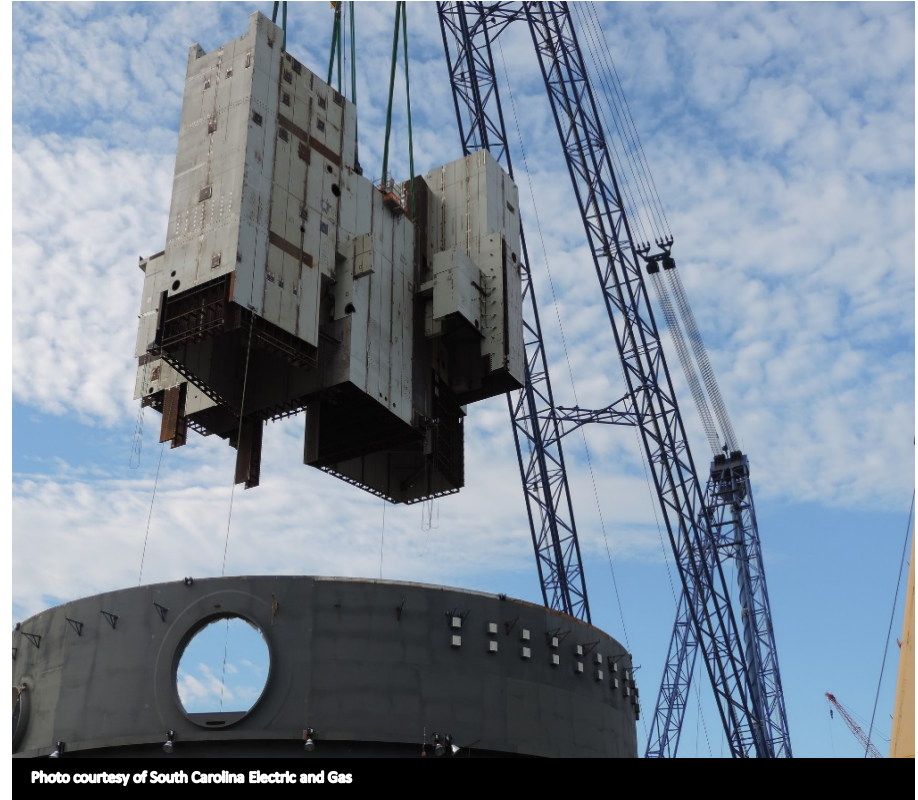
### ITAAC-Related Inspections (RII)

- Verify plant built in accordance with license
- The inspection program samples ITAAC

IMC  
2503

# ITAAC Inspections (IMC 2503)

- ITAAC are grouped into families, and each family has inspection procedures associated with it
- Inspection results are recorded and are associated with specific ITAAC
  - Information is used by the region to determine inspection completion & HQ uses the information for ITAAC closure verification reviews



V.C. Summer – Steam Generator & Refueling Canal  
Module Placement

# Vendor Inspection Program (IMC 2507)

As part of the Construction Inspection Program, NRC inspects vendors supplying materials, equipment and services:

- Vendor QA Programs (10 CFR Part 50, App B)
- Reporting of Defects (10 CFR Part 21)
- Commercial-Grade Dedication
- Type Testing for ITAAC-Related Activities
- Environmental Qualification Testing
- Counterfeit, Fraudulent, or Suspect Items



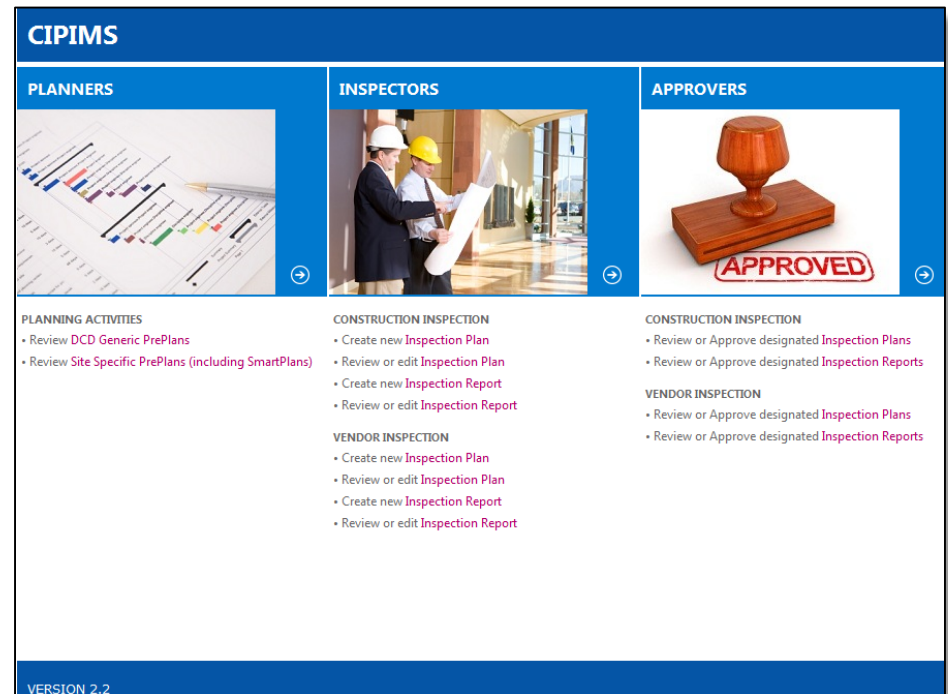
# Region II and NRO Vendor Inspection Coordination

- Region II Plans ITAAC Inspections (IMC 2503) and Program Inspections (IMC 2504)
  - Vendor Inspectors and HQ Technical Staff May Support Inspections
- NRO (HQ) Plans Vendor Inspections (IMC 2507)
  - Region II May Request NRO to Schedule ITAAC-Related Vendor Inspections
  - Region II Construction Inspectors Participate in ITAAC-Related Vendor Inspections

# Region II and NRO Vendor Inspection Coordination (Continued)

## NRO (HQ) Authors Vendor Inspection Reports

- Findings (including ITAAC-Related) are Vendor Inspection Findings
- Region II Captures ITAAC-Related Findings in CIPIMS
- Document All ITAAC Findings on Public Website



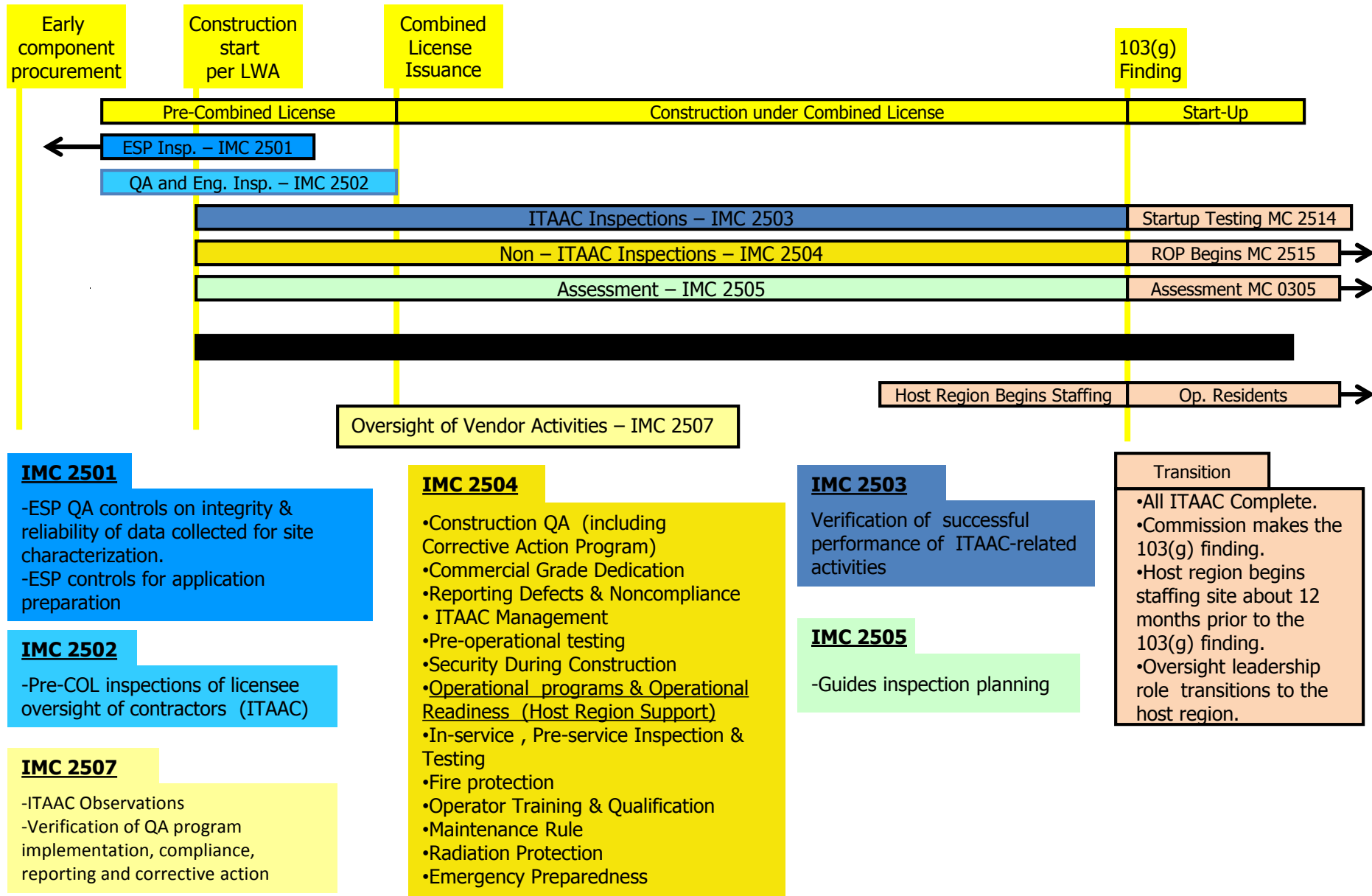


# Summary

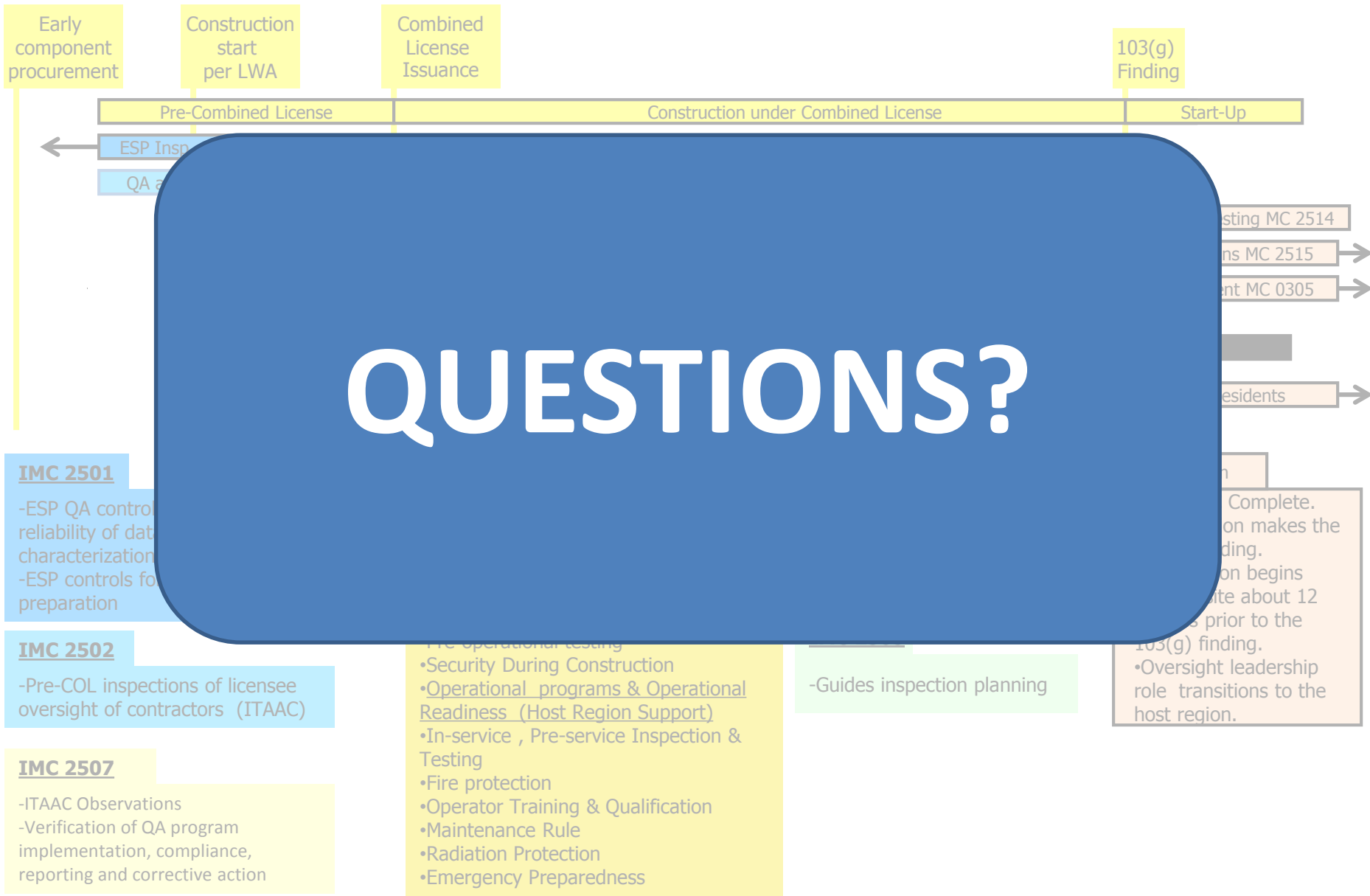
- NRC Coordinating to Ensure Focused and Efficient Vendor Inspections of ITAAC
- Fine Tuning Inspection Processes to Effectively Plan, Inspect, and Document
- Improved Public Website for Status of All ITAAC-Related Findings



# Construction Inspection Program

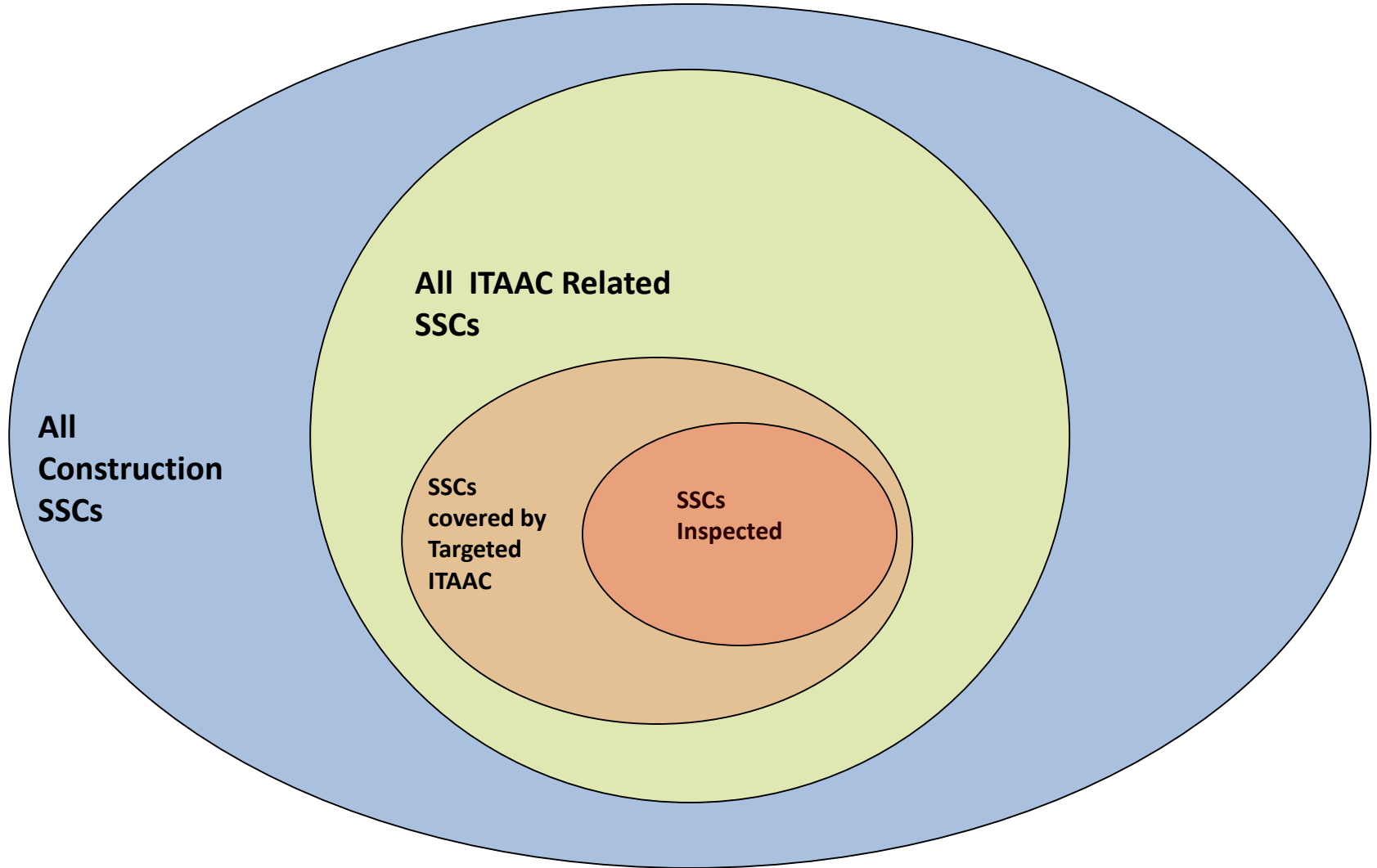


# Construction Inspection Program



Extra Slides

# ITAAC Inspection Sample Methodology



# Sampling of ITAAC

