

**Construction Inspection Program
Planning for the not-so-Distant
Future**


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**Construction Inspection Program (CIP)
Why the Urgency?**

- Demand for power driving new plant schedules
 - Long lead items on order NOW
 - Module and component manufacture in 2009
- Clear, workable CIP required for financing and planning
 - Shareholders and lenders will not sign up for the unknown
 - Understanding the framework allows the NRC staff and applicants to develop the infrastructure necessary to manage the ITAAC* process


* Inspections, Tests, Analyses and Acceptance Criteria



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Key Tasks

- Construction Phase Assessment and Enforcement Framework
- ITAAC Close-out Process Guidance
- Construction Phase Corrective Action Program (CAP)



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Important Progress

- **Licensee CAP to resolve bulk of construction inspection issues**
 - Escalated enforcement reserved for significant quality breakdowns (e.g., programmatic, willful)
- **Common understandings on enforcement**
 - Criteria for Level 1-2-3-4 violations during construction phase
 - NRC response to violations
- **Alignment on “sufficient” info for ITAAC completion notices**
 - ITAAC close-out letters
 - Fuel load minus 225 day notifications
- **Early surfacing of issues before they become problems**



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Challenges

- **Assuring ITAAC close-out process stays focused on demonstrating acceptance criteria are met**
- **Managing the high volume of ITAAC close-outs in the last six months before fuel load**
- **Provide underpinnings for focused and efficient ITAAC hearing process**
- **Managing construction activities in a global supply chain**



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Still Ahead

- **Add to stable of sample ITAAC close-out letters**
- **Complete industry guidance documents**
 - NEI 08-01 (ITAAC Close-out Guideline)
 - NEI 08-02 (Problem Identification and Resolution Guidance)
- **NRC-applicant coordination on ITAAC completion schedules to aid inspection planning**
- **Complete NRC Inspection Manual guidance and procedures**



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