



ITAAC – Inspections, Tests, Analyses, and Acceptance Criteria

Perhaps the greatest risk to the financial and schedule success of nuclear power plant new construction projects is the 10 CFR Part 52 requirements for ITAAC. These requirements, applicable to all new plants being licensed under Part 52, have not yet been broadly implemented. A comprehensive management system that ensures consistency, completeness, effectiveness, and quality in ITAAC package development is essential to minimize schedule risk, regulatory risk, and the likelihood of public hearings as the fuel load milestone approaches.

HukariAscendent is on the leading edge of developing ITAAC management processes, already providing clients with expert advice and consultation, preparing Plans, Timelines, and Procedures. Below are listed just a few of the ITAAC Program components that are essential to a robust system, and for which HukariAscendent has the qualifications and experience to immediately provide expert guidance, counsel, and support.

- Develop ITAAC Project Implementation Plans
- Develop implementation policies, programs, and procedures for ITAAC package assembly and maintenance
- Ensure compliance with 10 CFR 52.99, Reg. Guide 1.215, NEI 08-01, and other applicable regulatory requirements and industry guidance
- Assist in defining Licensee, EPC Contractor, and Supplier roles and responsibilities
- Identify staffing requirements



- Define ITAAC process major tasks
- Identify and propose individual ITAAC ownership
- Develop and execute personnel Training and Qualification
- Identify Principal Completion Documents
- Identify and integrate ITAAC activities with Licensing milestones and Master Construction schedules
- Populate, organize, and manage the ITAAC Tracking System
- Assemble ITAAC completion packages and closure letters, ensuring contents comply with regulatory requirements and industry standards
- Develop QA/QC policies and standards for ITAAC management
- Integrate Licensee, EPC Contractor, and Supplier Corrective Action Programs to ensure consistent problem identification threshold levels and corrective action adequacy
- Ensure ITAAC regulatory reporting requirements are visible, managed and met
- Identify hardware and software requirements to facilitate ITAAC management
- Develop processes for ITAAC performance monitoring