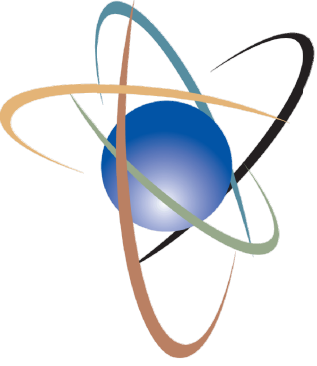




U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

AP1000 DI&C ITAAC

Inspection Status and 2013 Impacts

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2012 Overview

- **March-April PMS Inspection (ITAAC 2.5.2-11.b and 12)**
- **SNC/WEC Corrective Action**
- **Planning for follow on inspections, including ITAAC 2.5.2-14 (PMS-CIM)**
- **Impact of pending corrective actions on readiness for upcoming DI&C inspection**



Initial ITAAC Inspection

- **Scope: ITAAC 2.5.2-11b and 2.5.2-12 (ITAACs 550 and 551 in VEGP COL); Protection & Safety Monitoring System (PMS) HW/SW development (life cycle requirements phase) and PMS project management processes**
- **Inspection Report 2012-009 (*ML12171A058*)**
- **NOV (GREEN Finding) w/ multiple examples in design control**
 - process compliance
 - V&V performance
 - design output (SRS) completeness
- **One cross cutting aspect- management oversight**



Licensee Corrective Action

- RCE identified organizational issues**
- Project stand-down, enhanced organizational training (Part 52) and awareness**
- Intermediate C/A: correct NOV issues, licensing basis to process gap analysis, update to procedures and training**
- Long-term C/A: new processes for procedures, work products, and project-based licensing plan development**



Corrective Action Impacts

- **Impact Assessment (on project schedule)?**
- **Readiness for 2013 inspections?**
- **How is cross-cutting aspect addressed?**
- **Commercial Grade Dedication ITAAC**
- **Diverse Actuation System schedule**



2013 DI&C Inspection(s)

- **Feb-March:**
 - ITAAC 551 at WEC**
 - ITAAC 553 at CSI (initial) - *DAC***
- **June-July:**
 - ITAAC 550 follow up**
- **TBD:**
 - ITAAC 552 (Commercial Grade Dedication)**
- **TBD:**
 - DAS**
- **TBD:**
 - ITAAC 550 (next phase)**



Discussion