

Simulated ITAAC Closure and Verification Demonstration

NRO Public Workshop
January 27, 2011

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Scope

- Six ITAAC selected from AP1000 design
 - ITAAC 2.1.02.07a.i, RCS Harsh Environment Type Test
 - ITAAC 2.2.01.04a.ii, Containment System Impact Testing
 - ITAAC 2.2.02.01, Passive Containment Cooling Functional Arrangement
 - ITAAC 2.2.03.08c.i, Injection Line Flow Resistance Testing and Analysis
 - ITAAC 2.6.03.08, DC System Fault Current Analysis
 - ITAAC 3.7.01, Design Reliability Assurance Program

- Four Stages
 1. ITAAC Performance and NRC Assessment
 2. ITAAC Closure Verification
 3. Exercise Workshop
 4. Lessons Learned

Milestones Update

- ~~7/29/10~~ ~~Public Meeting~~ ~~Kickoff~~
- ~~8/19/10~~ ~~Public Meeting~~ ~~Progress Update~~
- ~~9/14/10~~ ~~Simulated Inspection at Vogtle 3&4~~
- ~~9/22/10~~ ~~Simulated Inspection at Westinghouse HQ~~
- ~~10/07/10~~ ~~Public Meeting~~ ~~Progress Update~~
- ~~10/27/10~~ ~~Region II issues Integrated Inspection Report~~
- ~~11/03/10~~ ~~Public Meeting~~ ~~D-RAP ITAAC~~
- ~~11/10/10~~ ~~Closed Meeting~~ ~~Surge in ITAAC evaluation~~
- ~~11/11/10~~ ~~Westinghouse/Southern submit ICL to NRC~~
- ~~12/09/10~~ ~~Public Meeting~~ ~~Progress Update~~
- ~~1/26/11~~ ~~NRC Completes ITAAC Closure Verification~~
- 1/27/11 Public Meeting – Demonstration Workshop
- 3/31/11 Public Meeting – Lessons Learned

Stage 2 Progress

- 9 simulated ICLs have been submitted by SNC and evaluated by NRC
- NRO issued a Technical Assistance Request (TAR) to Region II/ CCI for additional inspection
- Region II drafted an inspection report and identified 2 ITAAC Findings
- Drafted FRN template and simulated issuance for 2 verified ITAAC
- WEC evaluated the expected surge in ICL submittals

What is Next?

- Demonstration Workshop
- Gather Lessons Learned
- Lessons Learned Public Workshop on 3/31
- Prepare Project Report (including lessons learned and next steps)

References

- Initial Inspection Report ML103000449
- ICL for ITAAC 2.1.02.07a.i ML103190452
- ICL for ITAAC 2.2.01.04a.ii ML103190443
- ICL for ITAAC 2.2.02.01 ML103190445
- ICL for ITAAC 2.2.03.08c.i-01 ML103190442
- ICL for ITAAC 2.2.03.08c.i-02 ML103190446
- ICL for ITAAC 2.2.03.08c.i-03 ML103190477
- ICL for ITAAC 2.2.03.08c.i-04 ML103190448
- ICL for ITAAC 2.6.03.08 ML103190450
- ICL for ITAAC 3.7.00.01 ML103190451