

Vogtle
units 3&4 Nuclear Development



I&C Design Acceptance Criteria (DAC) and ITAAC

Clint Medlock / Bob Hirmanpour
November 14, 2012

Agenda

- Kickoff by NRC
- Introductions
- Opening Remarks
- Future ITAAC Public Meetings
 - Format, periodicity, scope
- PMS ITAAC Inspection Highlights
- I&C ITAAC Schedule Overview

PMS = Protection and Safety Monitoring System

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Introductions

- Southern
 - Clint Medlock – ITAAC Manager
 - Bob Hirmanpour – I&C ITAAC Project Manager
 - James Flowers – I&C Supervisor
 - Brian Meadors – Licensing
- SCE&G
 - Thomas Ryder – ITAAC Supervisor
 - Jamie LaBorde - ITAAC
- Westinghouse
 - Larry Erin- Nuclear Automation, Director Regulatory Oversight
 - Christine Scardina-Gazzo – Nuclear Automation ITAAC Program Manager
 - Erik Matusek – Nuclear Automation Significant Issue Manager
 - Dave Jarosh – Nuclear Automation PMS IV&V Manager
 - Stephanie Smith - Nuclear Automation Licensing Project Manager
 - Bob Seelman – Nuclear Power Plants Licensing

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Opening Remarks

- Commitment to Excellence (Clint Medlock)
 - ITAAC Mission
 - Improvements to Oversight (Cross Cutting Aspects)
- Westinghouse Commitment to Excellence (Larry Erin)
 - Organizational changes
 - Stand-downs
 - Training
 - Internal Audits

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PMS ITAAC Inspection

NRC Inspection Report:

<http://pbadupws.nrc.gov/docs/ML1217/ML12171A058.pdf>

SNC Response:

<http://pbadupws.nrc.gov/docs/ML1220/ML12205A298.pdf>

- Root cause and extent of condition investigation has been completed.
- Corrective actions on track for June 28, 2013 completion.
- Some training has been completed, additional training in progress.
- Increased oversight by Southern Company.
- Improvements in the areas of Independent Verifications and Validation, Software Requirements and reusable software element document development (details to be discussed during the closed session).

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I&C ITAAC Overview

PMS – Design Acceptance Criteria (DAC)

#553 - ITAAC 2.5.02.14.a (CIM planning documents and processes) ready for inspection March 11, 2013

PMS – ITAAC

#551 - ITAAC 2.5.02.12 (planning documents and processes) ready for inspection February 25, 2013

#550 - ITAAC 2.5.02.11.b (requirements documents) ready for inspection June 10, 2013

#552 - ITAAC 2.5.02.13 (Commercial Grade Dedication) ready for inspection July 2013

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I&C ITAAC Overview

DAS

- Schedule being revisited due to the following:
 - DAS uses ALS platform. ALS is CSI's Advanced Logic System which is a Field Programmable Gate Array (or FPGA) based platform." ALS platform Topical Reports are currently under approval review by NRC.
 - Other internal impacts (will discuss during the closed session)
- ITAAC completion dates will be discussed further during future meetings. In general, DAS ITAACs are expected to be completed in 2013-2014.

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Deliverables to support ITAAC submittal in accordance with NEI 08-01

WCAP-xxxxx (to be written) is the basis for closing this design ITAAC (DAC). Within 45 days of the completion of the NRC Inspection, a (NRC Inspection) Report will be issued verifying design ITAAC (DAC) closure.

Questions



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