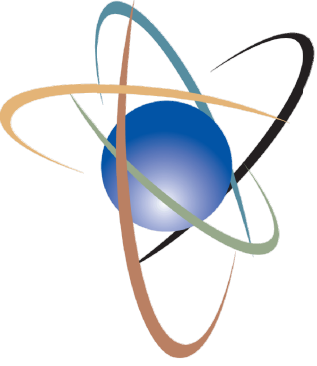




U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

AP1000 DAC / ITAAC

Inspection & Related Activities

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Focus Areas

- **Digital I&C DAC/IT AAC**
- **Piping Design & PRHA DAC**
- **HFE DAC**



Digital I&C

- Continued interaction with DCWG
- Nov. 14 Category 2 meeting to discuss corrective actions associated with DI&C development
- Working to identify scheduling window, scope and plan for continued inspection of PMS-CIM
 - Feb 2013 (PMS inspection at WEC)
 - Feb 2013 (CIM inspection at CSI)
 - June 2013 (PMS follow up inspection at WEC)
- Working to identify inspection scheduling for DAS development



Piping Systems

Continued interaction with DCWG to work through action items and prep for first inspections (RII has taken lead)

- piping package content and report**
- PRHA methodology and report content**
- clarification of inspection protocols, etc.**
- Class 2/3 piping package availability – late 2012**
- Class 1 piping package availability – 2013**
- Anticipate first inspection of piping packages in early 2013**



Human Factors Engineering (HFE)

- **Staff and AP1000 DCWG interactions on-going to work through:**
 - LAR 12-009 submittal (ISV Testing doc revision)
 - impacts on ISV schedule,
- **Consensus reached on “complete” I&C implementation: “... all necessary HW/SW elements integrated and tested to extent they can support all aspects of ISV.”**
- **HFE DAC inspection procedure for ISV (IP65001.23) complete; other HFE IPs in development**



Path Forward

- **Exercise and “burn-in” the DI&C inspection process (2013)**
- **Continue to compile/incorporate tangible lessons learned**
- **Complete first piping package inspection(s) (2013)**
- **Complete all HFE inspection procedures**
- **Brief ACRS on progress/results (April 2013)**