



Category 2 Public Meeting  
Digital Instrumentation and Control  
Steering Committee

December 07, 2007



## **DI&C Steering Committee Meeting December 07, 2007**

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- Welcome
- Opening Remarks
  - Jack Grobe
- Introductions

- Agenda
  - Activities Since Last Meeting
    - TWG 1
    - TWG 3
    - TWG 6
    - TWG 7
  
  - Review of Revised Draft Project Plan
    - TWG Leads

- **October 25, 2007 Public Meeting**
  - Discussed the status of Cyber Security
  - Discussed Appendix A to the draft ISG
    - Delay Issuance of Cyber Security ISG from 10/31/07 to a later date.
  
- **NRC staff to revise column 3 of Appendix A.**
  - Industry to provide written comments to NRC staff.
  - Move column 3 of Appendix A from ISG-01 to ISG-06 (Licensing Process)
  
- **NEI to revise NEI 04-04 to capture the necessary additional information from column 2 of Appendix A and then submit to NRC for review and acceptance.**



## **TWG 3 Risk Informing Digital I & C Activities Since October 22, 2007**

Mike Franovich, NRR

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- **November 06, 2007: Public Meeting**
  - Received Industry Comments on NRC Staff Conceptual Paper for Problem Statement 1
  - Several Industry Presentations
    - Satisfaction of RG 1.174 Principles in the D3 Evaluation
    - Industry Perspective on Problem Statement #2
    - Software Failure and Defenses
  - Several Action Items Developed for both NRC Staff and Industry
- Received Industry Comments on Draft NUREG
- November 29, 2007: Draft ISG for Problem Statement 1 Issued

- October 22, 2007 Last Public Meeting
- Currently Revising Project Plan
  - Change to Deliverables
    - ISG to Provide Guidance on:
      - Design Requirements
      - Information to be Docketed
      - Information Available For Staff Audit/Inspection
      - Timing for Documentation Development
    - Develop Internal Procedure For Review of DI&C Applications
    - Develop Inspection Module
    - Revising Completion Dates in Project Plan
- Currently Revising Draft ISG
  - Incorporating column 3 of Appendix A from ISG-01 into ISG-06
  - Revisiting Information to be Docketed vs. Available
    - Audit or Inspect Information as Appropriate
    - Maintain Coherent, Predictable Review

- **November 16, 2007: Public Meeting**
  - Industry voiced a need for consistency in the license approval process.
  - TWG discussed slight modifications to wording of problem deliverables.
  - Industry requested to have a problem statement clarifying reliability requirements.
  - Industry requested NRC consider a clarification regarding the Double Contingency rule: It applies only to criticality prevention applications.
  - Industry offered an example of an ANSI/ISA standard used for software reliability.
  
- **Post-Public Meeting**
  - NRC TWG members met to consider potential input from NRC fuel cycle facility inspectors regarding the problem statements.



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- Review of Draft Revised Project Plan