

NRC Approach to I&C Design Acceptance Criteria

Terry Jackson, Chief
Instrumentation, Control, and Electrical Engineering Branch 1
Division of Engineering
Office of New Reactors
U.S. Nuclear Regulatory Commission

ITAAC Working Group Meeting
August 28, 2008

Purpose and Scope

- Present NRC approach to I&C Design Acceptance Criteria (DAC) and receive feedback from stakeholders

I&C DAC Issues

- What is considered I&C DAC?
- What is the process by which I&C DAC is addressed?
- What is the schedule for closing out I&C DAC?

Staff's Overview

- Goal of safe I&C design and implementation remains the same for whatever methods are used or either Part 50 or Part 52 is followed
- High quality design and implementation by vendors/COL applicants/holders are critical for DC, COLA, DAC and ITAAC, or topical reports
- Reducing/eliminating the critical path is important
- Working closely with the industry is vital

Path Forward

- Receive input from stakeholders
- Communicate I&C DAC position