



U.S. NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

AP1000 DI&C DAC/ITAAC

Resolution Strategy and Considerations

Thomas Fredette, PE

NRO/DCIP/CIPB

thomas.fredette@nrc.gov



Overview

- **DAC/ITAAC Inspection Environment**
- **Infrastructure to address DAC**
- **Approach w/ applicants/licensees**



DAC/ITAAC Environment

- **NEI 08-01 / RG 1.215 (Option3)**
 - **Resolve DAC after COL**
 - **RAIs no longer valid; staff relies on inspection**
 - **Guidance is IMC 2503 (ITAAC Inspection)**



DI&C DAC Inspection Infrastructure

- **Generic process for any licensee**
- **New procedure in place**
 - **IP 65001.22 “Inspection of DI&C DAC/ITAAC” (issuance pending)**
- **AP1000 DAC will be first substantive use of the process**



Approach to DI&C DAC

- **Schedule is key**
- **Maintain lock-step w/ licensee(s) throughout DI&C development**
- **Early engagement and identification of issues allows staff to make optimal use of inspection resources**
- **Objective- avoid pushing DI&C design deep into construction phase**



Discussion