



Discussion Panel on I&C Licensing Process

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I&C Licensing Process

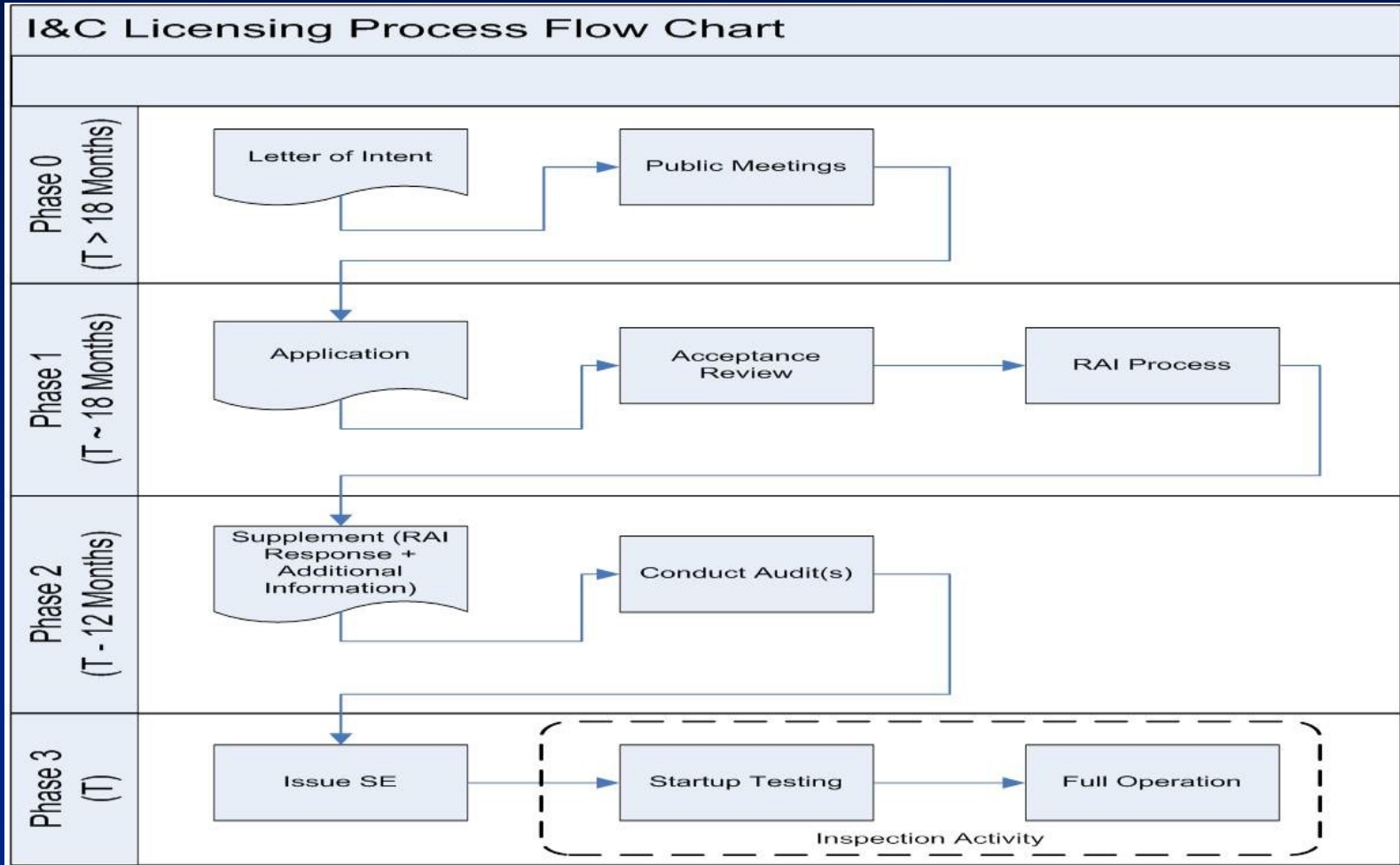
Section 50.34 of Title 10 requires that ... each application for a license to operate such a facility include a safety analysis report.

- Purpose of NUREG-1537
 - Guidance for licensing process
 - Expectations for documentation
 - Knowledge management (Ch. 7 ISG)
- Interim Staff Guidance to be published Fall 2014
 - Currently under OMB review (CRA)
 - NUREG-1537 rulemaking update will incorporate ISG

I&C Licensing Process Overview

- Licensing Process Overview
 - Pre-Application Meetings (Phase 0)
 - Initial Application
 - Continued Review and Audit
 - Implementation and Inspection

I&C Licensing Process Overview



I&C Licensing Review Duration

- Review times classified by expected complexity:
 - Low: Previously approved system, no deviations, least review effort expected.
 - Medium: Previously approved system, with deviations, moderate review effort expected.
 - High: Totally new system, extensive review effort expected. Thorough Review of all technical areas.

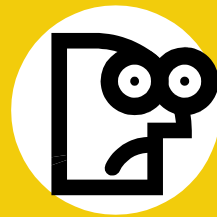
I&C Licensing Review Areas

- Proposed Review Areas
 - Defense-in-Depth & Diversity
 - Hardware Design & Single Failure
 - System Modifications & Configuration Control
 - Data Communication
 - Software Design & Development
 - Verification & Validation
 - Cyber Security
 - Equipment Qualification
 - Human Factors
 - Test and Calibration
 - Technical Specifications

Other Areas of Concern

- Embedded Digital Devices
- Counterfeit Parts
- Custom Designs and Software
- 50.59 Evaluations

Panel Discussion...



It's QUESTION TIME!!