



U.S. NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Oversight of Security-Related Construction Activities

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Security Construction Overview

Purposes

1. Introduce the NRC's security oversight staff.
2. Discussion Items
 - Background
 - Security Construction Overview
 - Pre-COL
 - Post-COL and Facility Construction
 - Pre-receipt of Nuclear Fuel
 - Summary



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Inspection

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Licensing

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Background

- Requirements
 - Parts 52, 71, 73, and 74
- **SECY-00-0092**
 - Reasonable assurance requirement for ITAACs
 - License issuance will not be inimical to the common defense and security or the health and safety of the public.
- **Construction Oversight**
 - Security will be treated like the other inspectable areas
 - Enforcement



Pre-COL

- Licensing Review
 - Security ITAACS
 - Vendor inspections
 - Site-specific parameters
- Security Oversight
 - IMC 2502 is applicable
 - Early review of operational programs



Post-COL Facility Construction

- COL Information Docketed
 - ITAACS are known
 - Most site-specific parameters are known
 - ITAAC & construction schedules TBD
- Security Oversight
 - NSIR security program lead oversight
 - IMC 2503 (ITAAC) and 2504 (non-ITAAC) reviews
 - ITAAC prioritization
 - Regional inspection effort will be evaluated
 - NRO and technical group assistance



Security Construction Inspection

Pre-Receipt of Nuclear Fuel



- Part 71 Transportation Requirements
 - Minimum requirements
- Part 73 Physical Protection
 - “High Assurance” standard
 - Safeguards information control
 - Demonstration of protection capability
- Part 74 Material Control and Accounting
 - Inspection, control, and records



Security Construction Inspection

SUMMARY

- NSIR security program lead oversight
 - Security will be no different than other construction activities
- Open and engaged process
 - We seek industry involvement and comments
- Verification of Operational Readiness
 - Pre-receipt of nuclear fuel
 - Pre-criticality verification of “high assurance”
 - ROP transition considerations