

**DG-1145: COL Applications for Nuclear Power Plants
Public Workshop**



18 May 2006

DG-1145, C.I.13, Conduct of Operations



**Eric R. Oesterle, Project Manager
Division of New Reactor Licensing
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
May 18, 2006**

DG-1145, Section C.I.13

Conduct of Operations

- C.I.13.6, Security
- C.I.13.1, Organization Structure of Applicant
- C.I.13.2, Training
- C.I.13.5, Procedures
- C.I.13.3, Emergency Planning
- C.I.13.4, Operational Program Implementation

Doug Huyck, NSIR

Rick Pelton, NRR

Daniel Barss, NSIR

Bruce Musico, NSIR

C.I.13.6, Security

- Guidance for COL applicants contained in NEI documents endorsed by NRC (i.e., NEI 03-12)
- Security rulemakings: 73.55, 73.56, security assessments
- NRC closed meeting with NEI New Plant Security Taskforce to discuss proposed NEI guidance
 - construction security
 - security assessments
 - ITAAC for security hardware (generic approach)
- Reorganization of security-related operational programs listed in SECY-05-0197
- Few comments or questions received on C.I.13.6

C.I.13.6, Security

Operational Programs

- Physical Security Program
 - Vehicle Control Program
 - Access Authorization Program
 - Fitness for Duty Program
- Safeguards Contingency Program
- Training and Qualification Program
 - Weapons Training Program
 - Weapons Qualification and Requalification Program

C.I.13.6, Security

- To Do List

- COL Action Items
- program implementation schedule (Table 13.4-X)
- provide security hardware ITAAC
- supplement security hardware ITAAC, as necessary

C.I.13.6, Security

Questions
&
Comments

C.I.13.1, Organizational Structure

C.I.13.2, Operator Training

- To Do List
 - COL action items
 - Program implementation milestones

- Questions and Comments

C.I.13.5, Procedures

- To Do List
 - COL action items
- Questions and comments

C.I.13.3, Emergency Planning Regulations

- NRC and DHS have joint responsibility for the review of EP
- 10 CFR Part 52, Subpart C
- 10 CFR Part 50 (50.33, 50.34, 50.47, App. E)
- 10 CFR Part 100 (100.3, 100.21(g))
- DHS – 44 CFR Parts 350, 351, 352
- NRC and DHS use NUREG-0654/FEMA-REP-1 and supplemental information in applicable NUREGs, GM, and other generic communications)

C.I.13.3.1, Application Content to Address Emergency Preparedness

- Site Emergency Plan and other incorporated references (include copies of State/local plans, ETE, etc.)
- Proposed EP ITAAC / license conditions
- General & technical requirements specified in the regulations
- Implementation milestones

C.I.13.3.1, Application Content to Address Emergency Preparedness

- Incorporated or referenced information should be
 - (1) applicable to the proposed site
 - (2) up-to-date, and
 - (3) reflect use of the proposed site for a new reactor
- Applicant must provide justification/analysis to support use of information

C.I.13.3.2, Emergency Plan Multi-unit Site (Use of Existing E-Plans)

- Applicability of the existing E-plan
- Any required updates to facilities/equipment
- Changes to existing onsite/offsite emergency response arrangements/capabilities (including updated LOAs/certifications)
- Applicability of existing 10/50 mile EPZ's and ETE
- Exercise requirements for co-located licensees (App. E)

C.I.13.3.3, Emergency Planning ITAAC

- *Proposed* 10 CFR 52.80(b) – ITAAC
- SECY-05-0197 and 2/22/06 SRM – programmatic ITAAC for Emergency Planning
- COL generic EP ITAAC – Table 13.3-1
- ITAAC guidance – C.I.14, C.II.2, C.III.7
- *Proposed* 10 CFR 52.17(b)(3) – ESP's with major EP features and complete and integrated plans to include EP-ITAAC

C.I.13.3, Emergency Planning

- Questions and comments received on C.I.13.3, Emergency Planning
- To Do List
 - COL applicants to provide Emergency Plans along with EP-ITAAC

C.I.13.4, Operational Program Implementation

- Table 13.4-x provides examples of implementation milestone schedules for operational programs identified in SECY-05-0197 (COL applicants to provide)
- Security programs re-organized
- Table 13.4-x will be referenced in License Condition for operational program implementation (DG-1145, Section C.IV.4, Operational Programs)
- Few comments received on C.I.13.4