U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Construction Reactor Oversight Process Working Group Activities

Tom Kozak, NRO

January 27 and 28, 2010

Construction Assessment Program Activities

- **SECY paper and Commission meeting October 22, 2008**
- **SRM issued on December 5, 2008**

  - Reconsider the assessment process and propose policy options to the Commission

  - Address inclusion of objective elements such as construction program PIs and SDPs analogous to those used in the ROP

- **NEI submitted a letter to the NRC, entitled "Proposed Construction Inspection Assessment Process" on July 3, 2009**

  - Describes regulatory framework including cornerstones and SC

  - Includes SDP-like process to evaluate findings

Construction Assessment Program Activities

- **July 23, 2009, NEI presented CIAP concept during public meeting**
- **August 14, 2009, Staff issued Information SECY Paper 09-0113**
  - The staff plans to issue revisions to IMC 2505 and IMC 0613 by November 30, 2009, including an approach to safety culture similar to the existing ROP
  - The staff intends to continue working with stakeholders on the development of assessment program policy options, including long-term options that are being considered for incorporating safety culture into the construction assessment process.
  - The staff plans to submit construction assessment program policy options to the Commission by November 2010
- **November 16, 2009 Construction Assessment Panel Meeting**

Construction Assessment Panel

- Construction Assessment Panel on November 16
  - Mike Johnson, Director NRO
  - Luis Reyes, Administrator, Region II
  - Fred Brown, Director, DIRS, NRR
  - Tony Petrangelo, NEI
  - Tom Houghton, NEI
  - Mark McBurnett, STPNOC
  - Bryan Dolan, Duke
  - Jim Sommerville, State of Georgia
- Assembled to provide NRC and Stakeholder views regarding construction assessment program options

Construction Reactor Oversight Process (cROP) Working Group

- An NRC multi-office working group was formed to develop construction assessment program options
- Group will routinely meet internally, work closely with stakeholders, and discuss progress at scheduled public meetings
- Category II Public Meetings Held With NEI Working Group December 9, 2009, January 6, 2010 and January 27, 2010; and Scheduled for February 9 and March 17.
- Category III Public Meeting January 28 and Scheduled for March 4 and March 25.

Working Group Progress

- Regulatory Framework
  - Mission
  - Strategic Performance Areas
  - Cornerstones
- cROP Working Group Reached Consensus on Framework Considering Stakeholder Input

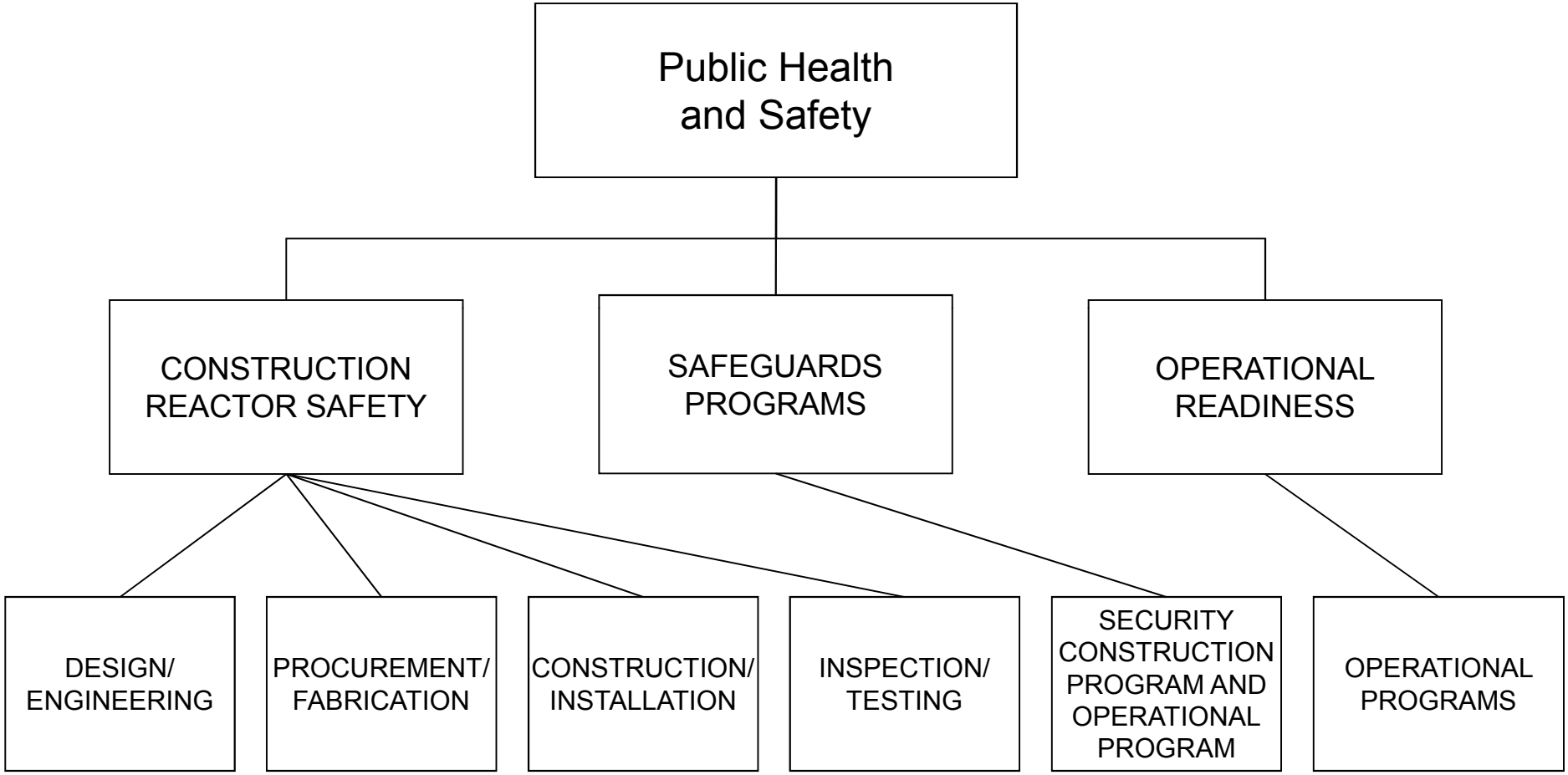
Strategic Performance Areas

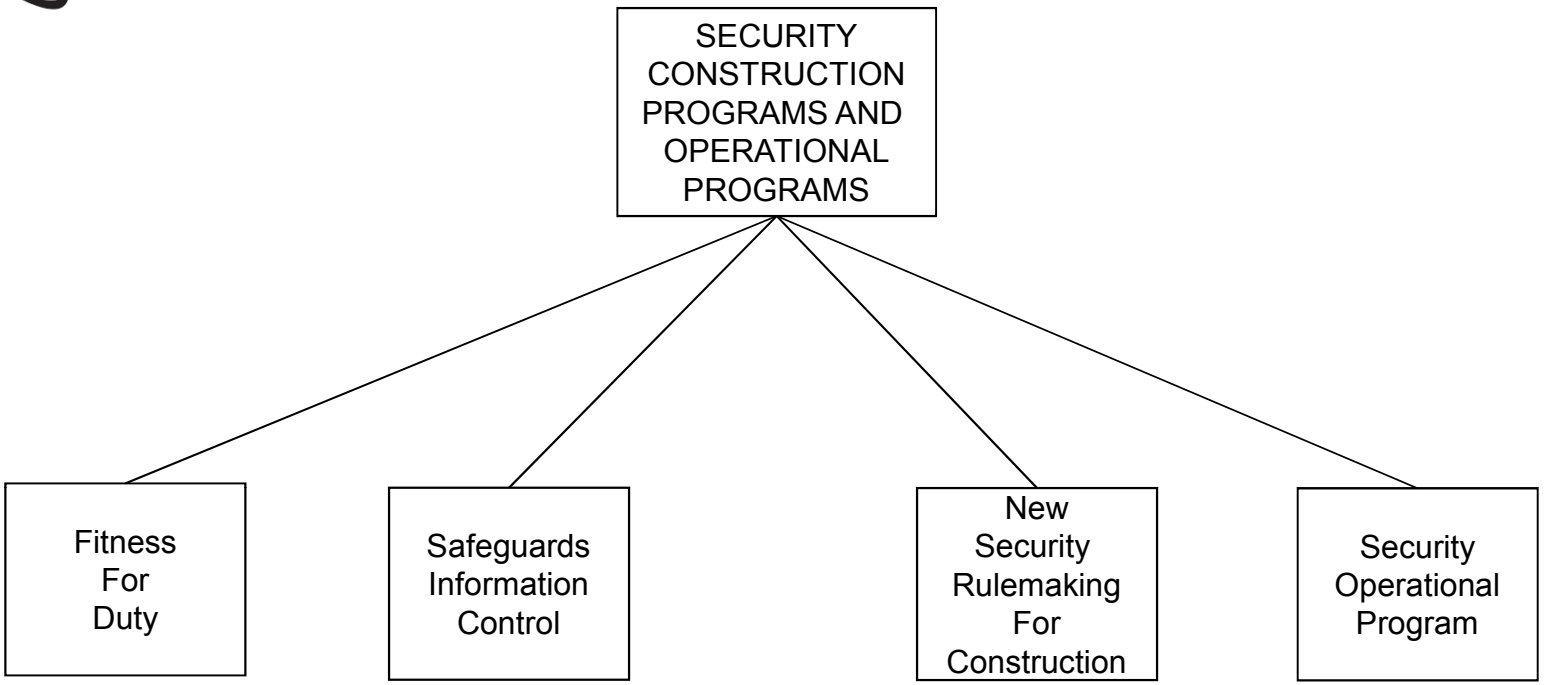
- Construction Reactor Safety
- Safeguards Programs
- Operational Readiness

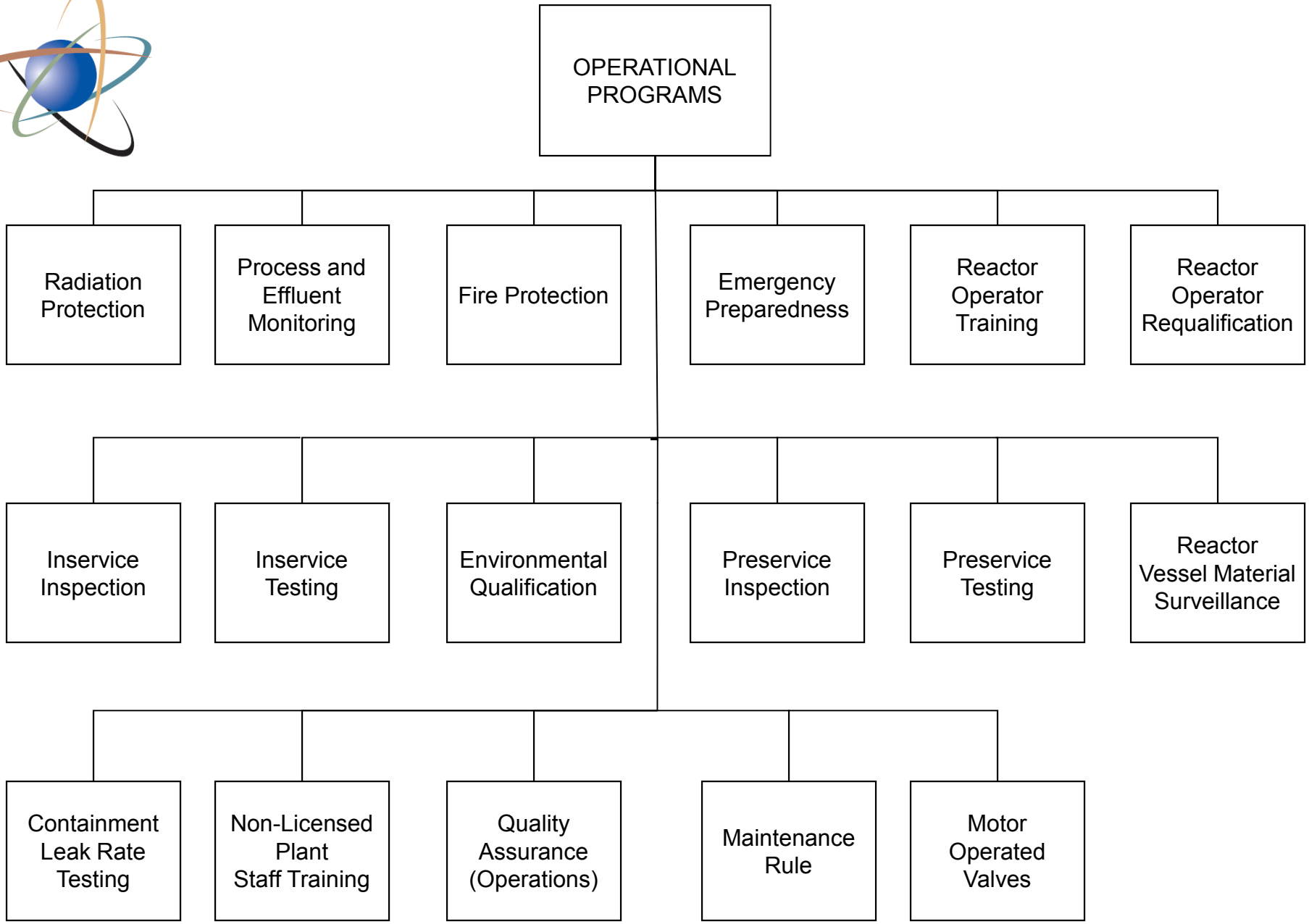
Cornerstones

- Design/Engineering
- Procurement/Fabrication
- Construction/Installation
- Inspection/Testing
- Security Construction Program and Security Operational Program
- Operational Programs

CONSTRUCTION REACTOR OVERSIGHT PROCESS REGULATORY FRAMEWORK




SECURITY CONSTRUCTION PROGRAMS AND OPERATIONAL PROGRAMS
Fitness For Duty
Safeguards Information Control
New Security Rulemaking For Construction
Security Operational Program


OPERATIONAL PROGRAMS
Radiation Protection
Process and Effluent Monitoring
Fire Protection
Emergency Preparedness
Reactor Operator Training
Reactor Operator Requalification
Inservice Inspection
Inservice Testing
Environmental Qualification
Preservice Inspection
Preservice Testing
Reactor Vessel Material Surveillance
Containment Leak Rate Testing
Non-Licensed Plant Staff Training
Quality Assurance (Operations)
Maintenance Rule
Motor Operated Valves

Input/Feedback/Questions