



U.S.NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

Construction Assessment Program Activities

Tom Kozak, NRO

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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
- January 29, 2009, March 19, 2009, May 14 public meetings to discuss assessment program options developed by NRC staff



Construction Assessment Program Activities

- **July 2, 2009, NEI submitted a letter to the NRC, entitled “Proposed Construction Inspection Assessment Process”**
 - Describes regulatory framework including cornerstones and SC
 - Includes SDP-like process to evaluate findings
- **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



Working Group

- **A multi-office working group was formed to develop construction assessment program options**
- **Group will meet routinely, work closely with stakeholders, and discuss progress at scheduled public meetings**
- **First meeting with NEI working group conducted December 9, 2009**



Working Group Progress

- Regulatory Framework
 - Mission
 - Strategic Performance Areas
 - Cornerstones
- ROP Framework Based on NRC Strategic Plan



NRC Strategic Plan, 2000 - 2005

Performance Goals

- Maintain a low frequency of events that could lead to a nuclear reactor accident;
- Zero significant radiation exposures resulting from civilian nuclear reactors;
- No increase in the number of offsite releases of radioactive material from civilian nuclear reactors that exceed 10 CFR Part 20 limits; and
- No substantiated breakdown of physical protection that significantly weakens protection against radiological sabotage, or theft or diversion of special nuclear materials.



Resulting Strategic Performance Areas

- Reactor Safety
 - Performance Goal 1
- Radiation Safety
 - Performance Goals 2 and 3
- Safeguards
 - Performance Goal 4



Cornerstones

- Most Important Elements In Each Of These Strategic Performance Areas
- 7 Cornerstones Identified in ROP



NRC Strategic Plan 2008 - 2013

Performance Goals

- **Safety:** Ensure adequate protection of public health and safety and the environment.
- **Security:** Ensure adequate protection in the secure use and management of radioactive materials.



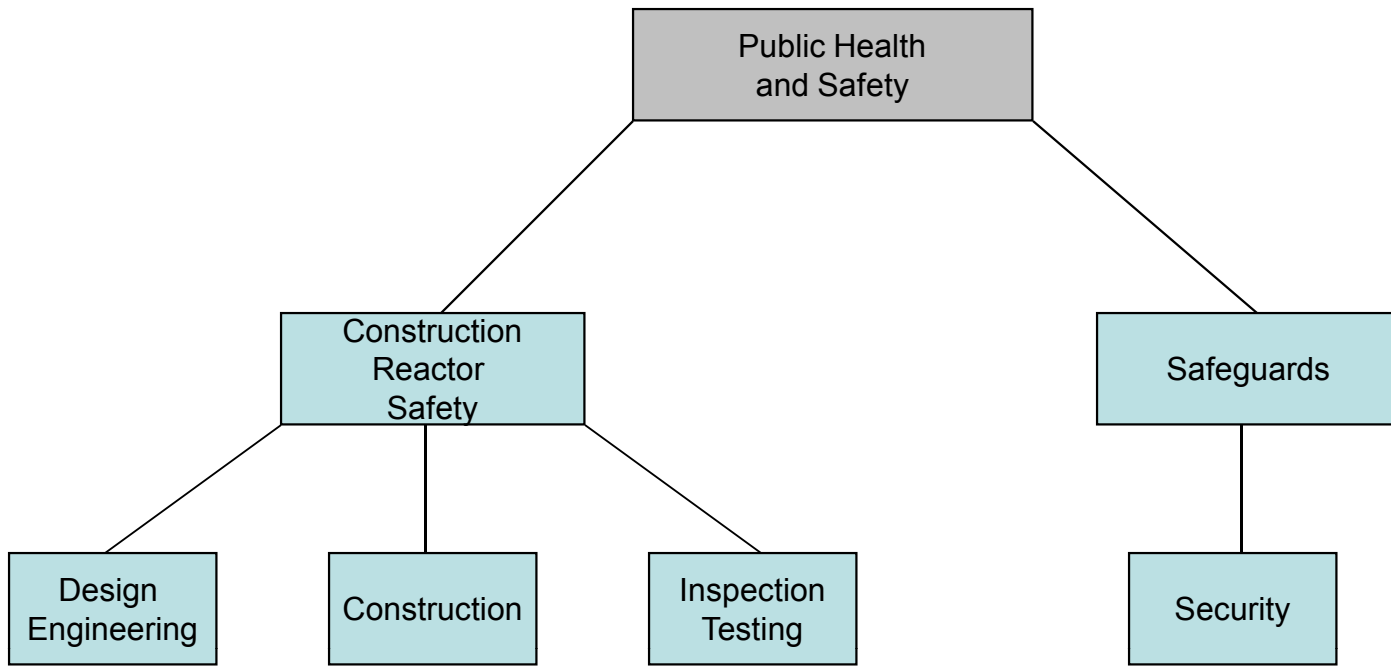
Strategic Performance Areas

- Construction Reactor Safety
- Safeguards



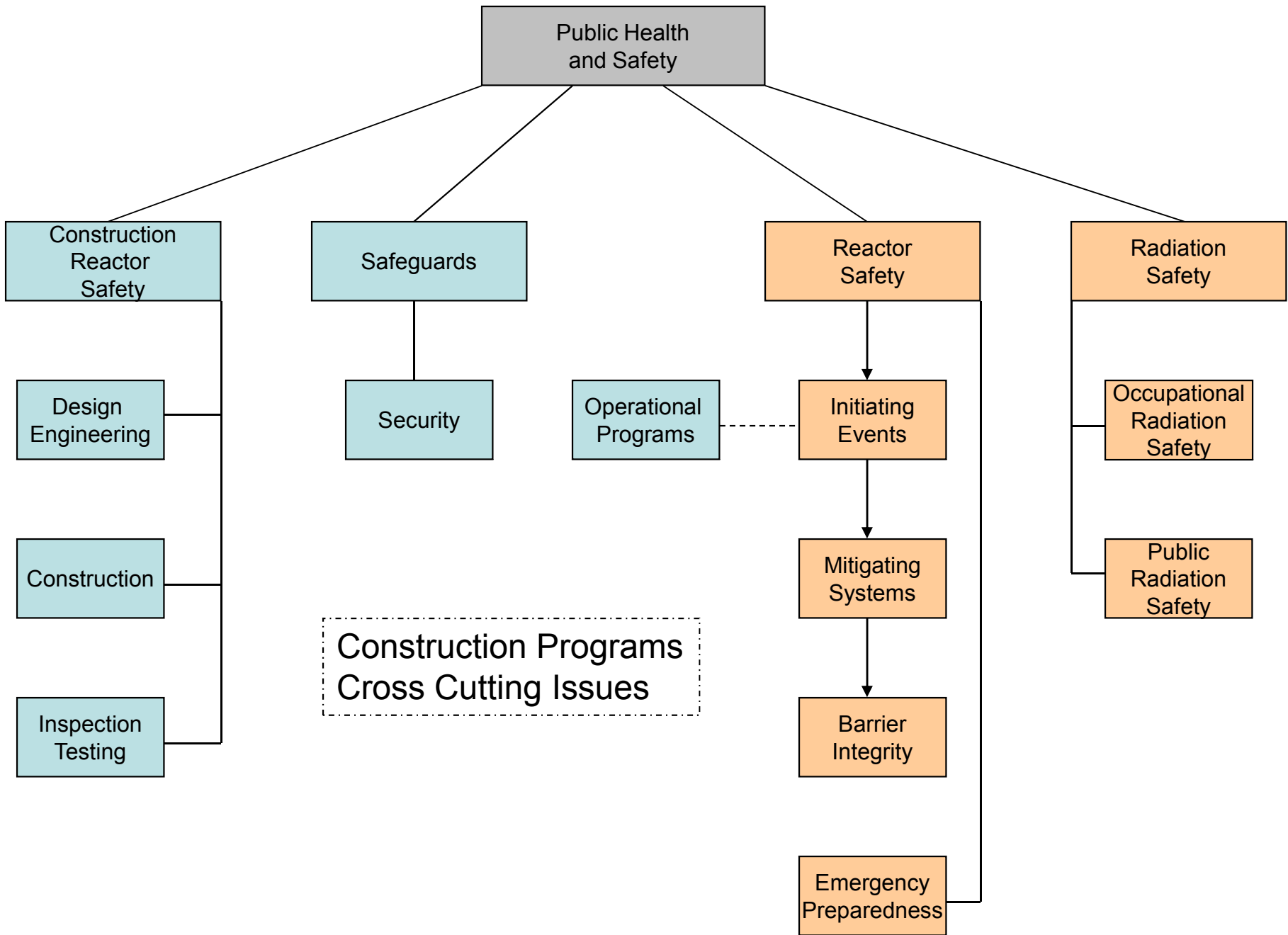
Cornerstones

- Design/Engineering
- Construction
- Inspection and Testing



Operational Programs

Construction Programs
Cross Cutting Issues





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Input/Feedback/Questions