

Construction Inspection Assessment Process Panel

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Incorporate Most Key Features of ROP

- Principles of ROP
 - Objective
 - Predictable
 - Understandable
 - Risk-Informed and Performance Based
- Transparent to stakeholders
- Cornerstones to focus resources and communication
- Significance of findings risk informed
- Graduated, focused NRC response
- However, performance indicators are not appropriate

DRAFT

**NRC's Overall
Safety
Mission**

**Public Health and Safety as a
Result of Civilian Nuclear Reactor
Operation**

**Strategic
Performance
Area**

**Plant Construction In
Accordance With
Approved Design**

**Readiness of
Operational
Programs**

Construction Security

Cornerstones

Design

Procurement

**Fabrication &
Installation**

**Inspection
& Testing**

**Operational
Programs**

**Training &
Qualification**

**Construction
Security**

**Quality -----
Assurance**

**Safety Conscious-----
Work Environment**

**Problem
Identification
&Resolution**

**Elements of Construction Safety
Culture**

Development Activities

(Top Down)

- What are the objectives of CIAP, in addition to achieving the safety mission?
 - Principles
 - Communications with licensees and the public
 - NRC resource allocation
- What are the strategic performance areas?
- What are the cornerstones and cornerstone attributes?
- What are the cross-cutting issues?
- How do we determine the significance of findings?
- What does the Construction Response Table look like?
- Does the “front end” (IMC 0613) need to be revised?
- Does a table top of CIAP reveal any necessary changes?
- How is safety culture addressed?
- What changes are needed in NRC procedures to reflect the new program?
- What is the implementation plan?
- What is the communications plan?

Development Schedule

(Goal: Commission Options Paper, November 2010)

- Orientation Meeting – Dec 2009
- Biweekly meetings – Jan to Apr
 - Objectives of CIAP
 - Strategic performance areas
 - Cornerstones and cornerstone attributes
 - Cross-cutting issues
 - Significance of findings
 - Construction Response Table
 - Review IP 0613 “front end”
 - Safety Culture
- Monthly meetings – May to Aug
 - Table Top CIAP
 - Revise procedures creating the proposed CIAP
 - Implementation plan
 - Communication plan
- Complete SECY – Sep to Oct