## Revised Fuel Cycle Oversight Process

Discussion on Draft RFCOP Cornerstones March 5, 2015

### February 25 Conference Call

- February 25 Public Conference Call on RFCOP
  - Presentation topics (ADAMS ML15054A024)
    - Status
    - Draft Cornerstones
- Agreed to continue Cornerstone discussion at March 5, 2015 pubic meeting
- Slides previously discussed indicated



#### Regulatory Framework and Cornerstone Structure



Each level is defined - including "What is a cornerstone?"



#### Hazards Analysis-Based Cornerstones







5









**Cross-Cutting Areas** 



#### Relationship Between Cornerstones and NUREG-1520

Previously	
DISCUSSED Cornerstones	NUREG-1520 Chapters
Criticality Safety	5, "Nuclear Criticality Safety" 3, "ISA and ISA Summary" 11, "Management Measures"
Operational Safety	<ul><li>6, "Chemical Process Safety</li><li>7, "Fire Safety"</li><li>3, "ISA and ISA Summary"</li><li>11, "Management Measures"</li></ul>
Occupational and Public Radiation Safety	<ul> <li>4, "Radiation Protection"</li> <li>9, "Environmental Protection"</li> <li>3, "ISA and ISA Summary"</li> <li>11, "Management Measures"</li> </ul>
Emergency Preparedness	8, "Emergency Management"



#### **Relationship Between** S.NRC Cornerstones and **Protecting People and the Environment** Safeguards/Security Guidance

Cornerstones	Guidance Document
Security	Regulator Guide (RG) 5.52, "Standard Format and Content of a Licensee Physical Protection Plan for Strategic Special Nuclear Material at Fixed Sites (Other than Nuclear Power Plants)"
Previously Discussed	RG 5.59, "Standard Format and Content for a Licensee Physical Security Plan for the Protection of Special Nuclear Material of Moderate or Low Strategic Significance"
Material Control and Accounting	NUREG-1280, "Standard Format and Content Acceptance Criteria for the [MC&A] Reform Amendment"
	NUREG-1065, "Acceptable Standard Format and Content for the [FNMC] Plan Required for Low-Enriched Uranium Facilities"
	NUREG/CR-5734, "Recommendations to the NRC on Acceptable Standard Format and Content for the FNMC Plan Required for Low-Enriched Uranium Enrichment Facilities"

# Key Attributes and Inspectable Areas





























#### U.S.NRC Material Control and Accounting





- Draft cornerstone document (ADAMS ML15035A357)
  - Publicly released February 4, 2015
  - Discussed public Conference call February 25
  - Discussed public meeting March 5
- Staff is and will consider feedback received during public meetings
- Staff will consider timely received written feedback

## QUESTIONS?