



U.S.NRC

United States Nuclear Regulatory Commission

Protecting People and the Environment

Public Meeting on Fuel Cycle Oversight Process Project Plan

May 15, 2012



Agenda

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- 1:00 p.m. Introductions
 - 1:05 p.m. Opening Remarks
 - 1:15 p.m. Status of the Fuel Cycle Oversight
 Process
 - 1:30 p.m. Discussion of the Assumptions of the
 Project
 - 2:00 p.m. Discussion of the Major Milestones of the
 Project Plan
 - 2:30 p.m. Discussion of the Tasks and Timeline
 - 3:30 p.m. Discussion of the Resources and
 Stakeholder Involvement
 - 4:00 p.m. Meeting Adjourned
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Status

- ▶ Draft Project Plan with milestones, resources, and timeline has been developed.
- ▶ Revise Project Plan based on feedback.
- ▶ Internal (NRC) alignment on revisions.
- ▶ Provide Project Plan to the Commission (for information) and external stakeholders in July 2012.



General Assumptions

- ▶ Project Plan will be consistent with the SRM.
- ▶ Project Plan is a living document.
- ▶ Resources devoted to this effort must result in tangible benefits to the inspection program.
- ▶ Resources and contract dollars are constrained by SECY-11-0140 and will drive the timeline.
- ▶ Internal and external stakeholder involvement is important and will require considerable resources.
- ▶ The pilot has several precursors as described in the SRM and will require an adequate assessment period to inform the implementation of the FCOP.
▶ ⁴



Near Term Assumptions

- ▶ CAP is a foundational element of the FCOP.
- ▶ NCV credit is not an enough incentive for licensees to adopt a minimum standard for an effective CAP.
- ▶ Additional incentive: risk-inform the current core inspection program considering reductions to the frequency and level of effort based on risk insights from the ISA and/or NRC determined CAP effectiveness.



Major Milestones

- ▶ Provide incentives for effective CAP
- ▶ Define performance deficiency
- ▶ Risk-inform inspection program
- ▶ Develop cornerstones – align inspection program with cornerstones
- ▶ Develop qualitative SDP
- ▶ Develop performance assessment process and supplemental inspection program
- ▶ Pilot enhanced FCOP
- ▶ Implement enhanced FCOP



Tasks and Timeline

- ▶ Initial 2-year effort
 - ▶ CAP
 - ▶ Performance Deficiency
 - ▶ Risk-inform inspection program
- ▶ See Gantt chart (handout – ML121230338)



Resources*

Major Tasks	FTE	Dollars
Resource Loaded Project Plan	0.6	\$0
CAP/NCV and Performance Deficiency	4.3	\$0
Cornerstones	1.7	\$0
Qualitative Significance Determination Process	3.0	\$0
Quantitative Significance Determination Process	1.9	\$500,000
Performance Assessment Process	1.7	\$2,000,000
Supplemental Inspection Program	1.3	\$0
Pilot Program	1.3	\$0
Implement FCOP	0.5	\$0
Project Management	1.1	\$0
TOTAL *Resources for FY 2014 and beyond will be specifically identified through the agency's formal budgeting process and will be publicly available upon issuance.	17.4	\$2,500,000



Resources (continued)

FCOP FTE* Rate





Stakeholder Involvement

- ▶ Several public meetings on the following:
 - ▶ Effective CAP guidance document and inspection program
 - ▶ Definition of performance deficiency
 - ▶ Publish draft inspection procedures (risk-informed inspection program)
 - ▶ Cornerstone approach
 - ▶ Significance Determination Process
 - ▶ Performance Assessment Process (Action Matrix and Safety Culture)



Stakeholder Involvement (continued)

- ▶ Federal Register Notices
 - ▶ Effective CAP guidance document developed by NRC
 - ▶ Cornerstone approach
 - ▶ Performance Assessment Process (Action Matrix and Safety Culture)