



U.S. DEPARTMENT OF
ENERGY



ISM Workshop on Activity-level Work Planning and Control (WP&C)

Special ISM Champions Workshop

DOE Forrestal HQ Building
and Video and Web Conferencing
Washington, DC

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ENERGY

ISM Workshop on Activity-level Work Planning and Control (WP&C)

DOE Response to the DNFSB Technical Report Task 2B

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Action 2

Strengthen guidance and formality associated with contractor implementation and Federal monitoring of activity-level WP&C



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Task 2B

Develop a DOE Guide on Federal oversight and evaluation of the effectiveness of Activity-Level WP&C



Task 2B

- This document will be developed consistent with formal DOE processes, including the involvement of the Directives Review Board, and RevCom review and comment resolution process
- DOE-G 226.1-2 will be modified to include the DOE WP&C Oversight Guidance



Task 2B

The technical content of the guide will be designed to measure effectiveness of WP&C systems and identify situations in which the desired outcome is not achieved.



Task 2B

The guidance will contain a clear set of expectations and criteria to evaluate the effectiveness of contractor's WP&C processes in ensuring safe and effective work activities



Task 2B

The guidance will share best practices on oversight, rather than promoting a single acceptable approach to WP&C



Oversight Guidance Basis

- The DOE requirements and guidance documents for ISM and Line Oversight and Contractor Assurance Systems
- The EFCOG guidance document, where appropriate and applicable, including any subsequent updates made by EFCOG in response to DOE comments resulting from the 30-day review
- DOE analysis of activity-level WP&C lessons learned, best practices, and operating experience program



Oversight Guidance Basis (cont)

- Current DOE requirements and expectations governing the activity-level WP&C implementation
- Lessons learned from implementation of ongoing DOE improvement actions
- Ongoing efforts to assess and improve safety culture across the DOE complex



Task 2B Team

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- James Coaxum, HSS
- Scott Nicholson, DOE-SRO
- Roger Claycomb, DOE-ID
- Pete Rodrik, NNSA-LSO
- Ted Pietrok, DOE-PNSO



Oversight Roles

- Facility Representatives
- Subject Matter Experts (IS, IH, RadCon, QA)
- Management
- WP&C SMEs
- Analysis/trending
- HQ line elements
- HSS



Levels of Oversight

- Planned (formal assessment, surveillances, ISM phase I and II reviews, etc)
- For Cause
- Operational Awareness
- Contractor Assurance System oversight of WP&C
- Shadowing contractor oversight
- Effectiveness reviews



Disposition of Oversight Results

- Documentation of oversight results
- Analysis of oversight results
- Trending of oversight results
- Collective significance of oversight results
- Communicating oversight results to DOE management and to the contractor
- Oversight performance objectives/metrics



Task 2c CRAD Usage Options

- Incorporation into scheduled formal oversight
 - Programmatic CRADS used during ISMS Phase I reviews or after contractor makes significant WP&C program changes
 - Implementation CRADs used during ISMS Phase II reviews, ORRs, and covered over pre-determined period
- Tailored for different types of work
 - High hazard, high complexity
 - Skill of the Worker/Craft
- Operational awareness



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Questions?