



# **DOE Handbook: Implementing Activity-Level Work Planning & Control at Nuclear Facilities**

**James Winter, NA-00-10**

**May 16, 2013**

# Background



- Project Justification Statement submitted 1-29-13, with focus upon:
  - Improved implementation of WP&C and activity-level work;
  - More effectively meet requirements of ISM at the activity level;
  - Developing a resource to clarify DOE requirements that govern activity-level work;
  - Developing good practices and lessons learned that stem from deficiencies implementing activity-level work; and
  - Linking safety culture and the effectiveness of WP&C practices.

# Background (Cont.)



- Project Registration completed 3-21-13
  - Writing Group Lead: James Winter, NA-00-10
  - HSS Primary Contact: David Weitzman, HS-11
  - Writing Team Membership:

Mark Do (HS-1.1)	Scott Davis (SC-3)
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# Background (Cont.)



- Integration with other Departmental actions to collectively improve, strengthen and influence effective implementation of activity-level WP&C
  - This Workshop!
  - HSS Analysis of WP&C deficiencies,
  - DOE Guide: Federal Oversight of WP&C and effective implementation of activity-level work,
  - DOE CRAD development to assess activity-level WP&C implementation, and
  - Evaluation of current ISM clause in DOE contracts.

# Project Plan



- Identify and Develop Performance Expectations
  - Analyze principal requirements documents and list requirements relevant to WP&C
  - Crosswalk DOE CRADS with requirements list
  - Develop performance expectations
  
- Principal Requirements list:
  - 48 CFR 970.5223-1, Integration of ES&H into Work Planning and Execution
  - 10 CFR 851, Worker Safety and Health Program
  - 10 CFR 830, Nuclear Safety Management
  - 10 CFR 835, Occupational Radiation Protection Program
  - DOE O 414.1, Quality Assurance
  - DOE O 422.1, Conduct of Operations
  - DOE O 433.1, Maintenance Management Program for Nuclear Facilities
  - DOE O 210.2, DOE Corporate Operating Experience Program
  - DOE O 226.1, Implementation of DOE Oversight Policy

# Project Plan (cont.)



- Identify and Develop Attributes and good practices
  - Analyze the content of guidance documents
  - Review the HSS analysis of WP&C deficiencies to further inform and identify attributes and good practices
  - Review DOE lessons learned and operating experience reports
- Principal Guidance documents:
  - Departmental Guidance (DOE G 450.4-1C, DOE G 226.1-2, DOE G 414.1-2, DOE G 433.1-1, and DOE G 441.1-1).
  - Archived Departmental Guidance (DOE M 450.4-1, DOE G 450.4-1B, and DOE G 450.3-2)
  - Program Office Guidance (2010 EM Guidance and 2006 NNSA Guidance)
  - Contractor Guidance (2013 URS Standard and 2012 EFCOG Guideline document)
  - Voluntary Consensus Standards (ANSI A10.33-2011 and ANSI A10.1-2011)
  - External Guidance (INPO AP928)
- Other site specific guidance is welcome!!

# Questions/Feedback



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# Project End Game



- Begin Writing Phase (June 1)
- Initial Draft (July 15)
- Distribute Draft (August 2)
- RevCom Ready (August 30)