



EFCOG ISM & QA Working Group Meeting

May 5, 2009

Pat Worthington



HSS Initiatives



- **10 CFR 851 Workshop**
- **HSS Nuclear Safety Coordinating Committee**
- **DOE – STD – 1189 Implementation**
- **Environmental Stewardship Award**
- **Quality Council**



HSS Initiatives



- **Annual Chemical Safety Workshop**
- **Revision Of Hosting and Rigging Standard**
- **National Training Center Safety Training**
- **DOE Explosive safety Committee**
- **Voluntary Protection Program Enhancement**



HSS Directive Project Status Report



- **Improved Clarity in Requirements and Applicability**
- **Reduced Conflict and Duplication with other Directives and requirements**
- **Appropriate Level of Prescription (What vs. How)**



Phase 1A Directives



Directives	Revision Status	to DRB
<i>Federal Technical Capability Program (M 426.1-1A)</i>	RevCom closed; Resolving RevCom comments	Released to RevCom.
<i>Startup and Restart of Nuclear Facilities (O 425.1C)</i>	In RevCom; RevCom to close in May	Released to RevCom.
<i>Radiation Protection of the Public and the Environment (O 5400.5)</i>	Resolving Red-Team Comments (90 percent resolved)	June

Kick-Off of Phase 1A was February 2008.



Phase 1B Directives



Directives	Revision Status	to DRB
<i>Maintenance Management (O 433.1A)</i>	Red-Team Comments Resolved; Preparing for DRB	June
<i>Conduct of Operations (O 5480.19)</i>	Resolving Red-Team Comments	July
<i>Contractor Personnel Training & Selection (O 5480.20A)</i>	Resolving Red-Team Comments	July

Kick-Off of Phase 1B was March 2008.



Phase 2 Directives



Directives	Revision Status
<i>DNFSB Interface (M 140.1-1B)</i>	Draft Revision Developed and Peer-Reviewing; Preparing for Red-Team
<i>Functions, Responsibilities & Authorities (M 411.1-1C)</i>	Draft Revision Developed and Peer-Reviewing; Preparing for Red-Team
<i>Integrated Safety Management (M 450.4-1)</i>	Developing Draft Revision; Expect to Start Peer Review in May
<i>Quality Assurance (O 414.1C)</i>	Developing Draft Revision; Expect to Start Peer Review in May
<i>DOE Oversight (O 226.1A)</i>	Developing Draft Revision

Kick-Off of Phase 2 was June 2008.



Lessons Learned



- **Stable, predictable directives process is essential (Directives Process revision issued in January 2009; newly established DRB is operational)**
- **Requirements database to ensure process integrity and bases are captured**
- **Continuity of team members and commitment**
- **Effectively communicating**



Path Forward for Project



- **Continue Phases 1 and 2**
- **Continue Briefing new Administration officials on Directives revision approach**
- **Look at Kick-off of Phase 3 in September**
- **Thanks to Team Members and Reviewers for continued support.**



Corporate ISM Activities



- **ISM Priorities & Challenges**
- **Revision of ISM Directives**
- **ISM Related Training**
- **Annual ISM Workshops**



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***Message from the DOE ISM
Champions***

May 5, 2009

Frank Russo

Pat Worthington



Corporate ISM Activities



- **ISM Priorities & Challenges**
- **Revision of ISM Directives**
- **ISM Related Training**
- **Annual ISM Workshops**



ISM Priorities



- Strengthen Safety Culture
- Improve Work Planning and Control
- Sustain ISMS during contract transitions
- Use ISM as a Model for integrated Approach for other Management Systems
- Establish Feedback and Improvement Priorities



Reaching New Heights



<http://ism.y12.doe.gov/theme/>



August 24-27, Knoxville TN



Topical Areas



- **Safety Culture**
- **Worker Engagement**
- **Exposure Hazards**
- **Employee Health and Wellness**
- **Integration of Safety into Design and Security**



Topical Areas



- **Environmental management**
- **Quality Assurance**
- **ARRA**
- **Feedback and Improvement**