

Integrated Safety Management (ISM) Best Practices Workshop Agenda (08/22/06 update)
Aurora (near Denver), Colorado, September 11-14, 2006

PURPOSE:

To create opportunities for improvement through sharing good practices in key areas focusing on improving ISM system effectiveness, as well as developing common understanding and execution plans for raising the Department's safety performance.

TOPICAL AREAS:

- Work Planning and Control	<u>DOE Lead</u> Frank Russo	<u>Contractor Lead</u> Bill Poulson & Vic Pizzuto
- Feedback and Improvement/Corrective Action Mgmt. Systems	Don Erbschloe	Joe Yanek & Greg Meyer
- Integrating Safety into Design & Construction	Dae Chung	Dave Amerine & Jim French
- Measuring ISM System Effectiveness	Mike Weis	Pam Horning
- DOE Safety Management and Oversight	Shirley Olinger	George Jackson

AGENDA:

Monday (9/11/06)

8:00-5:00 – HPI Training (fundamentals)	<u>Coordinator</u> Bob Crowley/David Compton
1:00-5:00 – DOE ISM Leadership Meeting	Chuan Wu/Patty Bubar/Doug Shoop
1:00-5:00 – Contractor Meeting (EFCOG)	Amerine/Yanek/John McDonald
6:00-8:00 – DOE Dinner Meeting (voluntary)	Weis/Dianne Henrich

Tuesday (9/12/06)

8:00 – 10:00	<u>General Session (I)</u>	<u>Presenter</u>	<u>Coordinator</u>
8:00-8:20	Welcome Remarks & Logistics	Wu/Weis/Olinger	
8:20-9:00	Energy Secretary's Address & HQ Initiatives to Strengthen ESH and Security	Dr. Bodman (video) & Glenn Podonsky	Mark Whitaker/Wu
9:00-9:30	NNSA Perspectives	Administrator Brooks	Russo
9:30-10:00	Safety Management at COORs	Anne Bevington	Wu/Charlie O'Dell
10:00-10:30	Break		
10:30-5:00	Breakout Sessions – Best Practices Presentations/Panels in Topical Areas (See attached list for details)		
10:30-12:00	1st Breakout Period		
12:00-1:00	Lunch – onsite buffet available (pay your own)		
1:00-2:30	2nd Breakout Period		
2:30-3:00	Break		
3:00-5:00	3rd Breakout Period		
5:30-7:00	Reception by Hotel Radisson (included in guest room rate)		

Wednesday (9/13/06)

8:00 – 8:30	<u>General Session (II)</u>	<u>Presenter</u>	<u>Coordinator</u>
8:00-8:30	EM Perspectives	Assistant Secretary Rispoli	Wu
8:30 – 2:30	Breakout Sessions – Best Practices in Topical Areas (continued)		
8:30-10:00	4th Breakout Period		
10:00-10:30	Break		
10:30-12:00	5th Breakout Period		
12:00-1:00	Lunch – onsite buffet available (pay your own)		
1:00-2:30	6th Breakout Period		
2:30-3:00	Break		
3:00-5:00	General Session (III) – Topic Summary, Attendee Feedback, and Path Forward		
	- Topic Summary (including action items as applicable) by Topical Area Leads (~ 10 min each)		
	- What do the contractors need from DOE to be successful?		
	- What are the 1-2 things which attendees will take away from the workshop?		
	- What would the attendees like to see at the next workshop that would be helpful to them?		

Thursday (9/14/06)

	<u>Coordinator</u>
- HPI Training (emphasizing maintenance applications)	Crowley/Compton
- PSO Meeting as Needed (contact Mike Weis to reserve meeting rooms)	

ISM Best Practices Workshop Sessions

September 12, 2006

A. Measuring ISM System Effectiveness (Weis/Horning)

C. Work Planning (Russo/Poulson/Pizzuto)

B. DOE Safety Management Oversight (Olinger/Jackson)

**D. Feedback Improvement/Corrective Action Mgmt System
(Erbschloe/Yanek/Meyer)**

E. Integrating Safety into Design & Construction (Chung/Amerine/French)

Session/Time	A. Location 1 (30)	B. Location 2 (30)	C. Location 3 (50)	D. Location 4 (50)	E. Location 5 (50)
1 <i>10:30-12:00</i>	<p>Session A-1:</p> <p>Measuring Performance in a Commercial Enterprise (<i>Ken Smith, FHI Corporate</i>)</p> <p>Leading Indicators for ES&H Performance (<i>Steven Woodbury, DOE-HSS</i>)</p>	<p>Session B-1:</p> <p>DOE Corporate Safety Performance Indicators (<i>Patty Bubar, DOE-HSS</i>)</p> <p>ORPS Safety Data Normalization (<i>Terry Krietz, DOE-HSS / Bob Murray, DOE-EM</i>)</p>	<p>Session C-1:</p> <p>Integrating HPI Concepts and Tools into Work Planning (<i>Tony Jennings, CH2M Hill-Hanford</i>)</p> <p>Use of Error Precursors in Maintaining Engineering Quality (<i>James Hummer, Bechtel-WTP</i>)</p>	<p>Session D-1:</p> <p>H-Completion Criticality Safety Improvement (<i>Philip Breidenbach, DOE-SRS</i>)</p> <p>Facility Evaluation Board (<i>Steve Johnson, DOE-SRS</i>)</p> <p>Applying Knowledge Mgmt Tools and Principles to Improve Facility Ops (<i>Mike Hillman, DOE-HSS</i>)</p>	<p>Session E-1:</p> <p>Panel Session (panelists include <i>Mr. Joe Bader, DNFSB</i>)</p> <p>Central Technical Authority a Systematic Approach to Nuclear Safety (<i>Dr. Tim Arcano</i>)</p>
2 <i>1:00-2:30</i>	<p>Session A-2:</p> <p>Use of ES&H Inspections to Develop Performance Based Leading Indicators and Avoid the "Safety Cop" Mentality (<i>Mike Kinney, NV</i>)</p> <p>PNNL Safety Management System Measurement, Improvement and it's Use In Governance/Assurance (<i>Patrick Wright, PNNL / Sharon Dossett, PNNL</i>)</p>	<p>Session B-2:</p> <p>DOE-RL Safety Oversight Planning, Documentation and Reporting (<i>Rob Hastings, DOE-RL / Mat Irwin, DOE-RL</i>)</p> <p>Idaho Management System & QA Manual (<i>Geoffrey Beausoleil, DOE-ID</i>)</p> <p>Preparation and Execution for a Chief of Defense Nuclear Safety (CDNS) Review (<i>Bob Brandhuber, SNL</i>)</p>	<p>Session C-2:</p> <p>Implementation of WP&C at SRS (<i>Tim Flake, WSRC</i>)</p> <p>Improvement of Integrated Work Mgmt and ISM (<i>Barbara Hargis, LANL</i>)</p> <p>AMWTP Control of Work (<i>Scott Raish, INL</i>)</p>	<p>Session D-2:</p> <p>Strategy for Implementing the New DOE O 210.2 DOE, Corporate Operating Experience Program (<i>Ray Blowitski, DOE-HSS</i>)</p> <p>Just in Time Lessons Learned (<i>Gary Grant, CH2M Hill-Hanford</i>)</p> <p>SRS Lessons Learned Program (<i>Bill Luce, DOE-SRS</i>)</p>	<p>Session E-2:</p> <p>Overview: DOE-STD-1189-2006, Integration of Safety into the Design Process (<i>Richard Black, DOE-HSS</i>)</p> <p>Safety In Design: EFCOG's Perspective on Safety Management for Projects (<i>Pam Horning, BWXT</i>)</p>
3 <i>3:00-5:00</i>	<p>Session A-3:</p> <p>Re-invigorating ISM and Developing Effectiveness Measures (<i>Larry Supina, Pantex</i>)</p> <p>Measuring Effectiveness Using the "Fluorboard" (<i>David Jackson, FHI-Hanford</i>)</p> <p>VPP's Continuous Improvement Process (<i>David Smith, DOE-HSS</i>)</p>	<p>Session B-3:</p> <p>Achieving Desired Safety Outcomes Through Cultural Alignment (<i>Don McConnell, BMI</i>)</p> <p>Living with Your Commitments to External Oversight Commitments (<i>Charles O'Dell, DOE-EM</i>)</p> <p>Monitoring Long-Term Effectiveness of ISMS Using Performance Dashboard Process (<i>Mike Kinney, NV</i>)</p> <p>Safety Management Within the NNSA Service Center (<i>Dennis Curtis, NNSA SC</i>)</p>	<p>Session C-3:</p> <p>Hazard Analysis at SRS (<i>Patricia Allen, WSRC / Jim Tisaranni, WSRC</i>)</p> <p>AJHA Integrating Tool for ISM (<i>Tony Umek, FHI-Hanford</i>)</p> <p>Non-Nuclear Safety Analysis (<i>Charlotte Van Warmerdam, LLNL</i>)</p>	<p>Session D-3:</p> <p><i>Safety Culture – A Case for Change</i> (<i>George Mortensen, INPO</i>)</p> <p>Integration of New Safety Initiatives into ISMS Continuous Improvement (<i>John McDonald, CH2M Hill-Hanford / Gary Grant, CH2M Hill-Hanford</i>)</p> <p><i>Initial Steps to Integrate HPI into ISMS Continuous Improvement</i> (<i>John McDonald, CH2M Hill-Hanford</i>)</p>	<p>Session E-3:</p> <p>ISMS and Design Process U233 Downblending and Disposition Project (<i>Robert Szozda, Isotek Sys, ORNL</i>)</p> <p>Small Business ISMS Implementation Strategies for Line Item Construction Projects (<i>Jack Zimmerman, DOE-PPPO</i>)</p> <p>Configuration Management (<i>Rich Salizzoni, WSRC</i>)</p>

ISM Best Practices Workshop Sessions

September 13, 2006

A. Measuring ISM System Effectiveness (Weis/Horning)

C. Work Planning (Russo/Poulson/Pizzuto)

B. DOE Safety Management Oversight (Olinger/Jackson)

**D. Feedback Improvement/Corrective Action Mgmt System
(Erbischloe/Yanek/Meyer)**

E. Integrating Safety into Design & Construction (Chung/Amerine/French)

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4 <i>8:30-10:00</i>		<p>Session B-4:</p> <p>Just Culture Panel Workshop (<i>Shirley Olinger, DOE-OR / Michael Weis, DOE-RL / Vic Pizzuto, CH2 / Mike Lewis, BNI / Dave Jackson, Fluor / Paul Keuhlan, WCH</i>)</p>	<p>Session C-4:</p> <p>Work Planner Training and Qualification (<i>Steve Little, BWXT-Y12</i>)</p> <p>Work Planner Training and Qualification (<i>Mike Penovich, LANL</i>)</p> <p>NNSA CRAD for Assessing Activity Level Work (<i>Rick Kendall, DOE-NA</i>)</p> <p>Session C-7:</p> <p>ES&H Teams (<i>Corky Burgin, LLNL</i>)</p> <p>R&D Safety Analysis Peer Review (<i>Jim Stine, LANL</i>)</p> <p>Interdisciplinary Team (IDT) Review Process of Proposed Site Projects and Activities (<i>Gary Shamber, SNL</i>)</p>	<p>Session D-4:</p> <p>Automating Corrective Action Management Systems (<i>Marnelle Sheriff, Lockheed Martin</i>)</p> <p>"Automated" Corrective Action Management (<i>Fay Frederick, ORNL</i>)</p> <p>Issues Management Program Processing of WIPP FORMs (<i>Martin Keathley, WIPP / Cathy Nesser, WIPP</i>)</p>	<p>Session E-4:</p> <p>Mitigating Organizational Weaknesses (<i>Mary Heaton, BHI National</i>)</p> <p>Using Human Performance to Eliminate/Reduce Errors in the Engineering Environment (<i>James Hummer, Bechtel-WTP</i>)</p>
5 <i>10:30-12:00</i>		<p>Session B-5:</p> <p>Incorporating HPI Tools into DOE Processes (<i>Brian Harkins, DOE-ORP</i>)</p> <p>HPI Training Panel Workshop – Hanford Experience (<i>Gary Grant, CH2M Hill-Hanford / Dale McKenney, Fluor / Phillip Keuhlen, WCH / Stephen Walker, BNI</i>)</p>	<p>Session C-5:</p> <p>Panel Session (panelists include <i>Dale McKenney, Jim Schildknecht, Tim Flake, Richard Caummisar, Terry Patterson, Steve Little & Mike Penovich</i>)</p> <p>Lab-Wide ES&H & Quality Integrated Work Controls (<i>Don Wesenberg, SNL</i>)</p> <p>Work Control Process Alignment (<i>Mike Hughes, BJC</i>)</p> <p>Session C-8:</p> <p>Hazardous Energy Work Control (<i>Mike Lewis, Bechtel</i>)</p>	<p>Session D-5:</p> <p>DOE/NNSA Corrective Action Effectiveness Review (<i>Larry McCabe, DOE-HSS</i>)</p> <p>Leveraging the Mgmt Review Process of ISO 14001 and OHSAS 18001 for F&I (<i>George Goode, BNL</i>)</p> <p>Innovative Use of an NHASP at a Closure Site (<i>Brinley Varchol, FHI-Fernald</i>)</p>	<p>Session E-5:</p> <p>Integrating ISMS Safety Concepts and Tools into the Design of CH2M HILL's Demonstration Bulk Vitrification System (<i>John McDonald, CH2M Hill-Hanford</i>)</p> <p>Soil Excavation and Concrete Penetration Permitting Process at LLNL (<i>Dennis Chew, LLNL</i>)</p> <p>WSRC in the Entire Life Cycle of Projects/Activities (<i>Rich Salizzoni, WSRS</i>)</p>
6 <i>1:00-2:30</i>	<p>Reserved for repeat presentations.</p> <p>Knowledge Management Tools and Principles (<i>Mike Hillman, DOE-HSS</i>)</p>	<p>Session B-6:</p> <p>Technical Qualification Program (TQP) Accreditation (<i>Mike Schoener, MAS Consultants / Dave Chaney, NNSA SC</i>)</p> <p>Reserved for repeat presentations.</p>	<p>Session C-6:</p> <p>Panel Session: Performing Work Within Controls - FieldWork Supervision (<i>Jim Schildknecht, Fluor Hanford (KBC) / Steve Little, BWXT Y-12 / Dale McKenney, Fluor Hanford (WS&D) / Tim Flake, WSRC-SRS / Terry Patterson, WTS-WIPP / Mike Penovich, LANS-LANL / Rich Caummisar, PXS0</i>)</p>	<p>Session D-6:</p> <p>A Survey of Safety Culture (<i>Lettie Chilson, West Valley</i>)</p> <p>Innovative Use of an N-HASP at a DOE Closure Site (<i>Brinley Varchol, FHI-Fernald</i>)</p> <p>Safety Incentives at Moab UMTRA Project (<i>Joe Legare, Moab</i>)</p>	<p>Session E-6:</p> <p>Safety in Design – SWPF Project Lessons Learned (<i>David Amerine, Parsons</i>)</p> <p>Panel Review of Issues</p>