

The 14<sup>th</sup> Annual DOE/EFCOG

**Chemical Safety and Life Cycle Management**

*-- Cost-Effective Chemical Management --*

**and**

**Worker Safety and Health Program (10 CFR 851)**

**Workshop**

In conjunction with the

**Energy Facility Contractors Group (EFCOG) Environment,  
Safety and Health (ES&H) Subcommittee Spring Meeting**

**March 13-15, 2012**

**DOE Forrestal Auditorium (GE-086)**

**1000 Independence Avenue, SW, Washington, DC 20585**

Videolinked to various locations throughout the DOE Complex

OR

**LISTEN ONLY Call-In Number is (301) 903-9196**

*Sponsored by:*

DOE Chemical Safety Topical Committee (CSTC)

EFCOG Environment, Safety and Health's Chemical Safety and Life Cycle Management Subgroup

DOE Office of Health, Safety and Security

**REMINDER** -- Please bring your DOE badge or obtain a visitor's badge upon arrival  
For March 15-16 occupational medicine webinar registration, see last page of agenda

For more information please visit:

[http://www.hss.doe.gov/healthsafety/WSHP/Chem\\_Safety/ws2012/](http://www.hss.doe.gov/healthsafety/WSHP/Chem_Safety/ws2012/)

**Day 1 -- Tuesday, March 13, 2012**  
**FORRESTAL MAIN AUDITORIUM (GE-086)**

**Chemical Safety and Life Cycle Management**  
**- Cost-Effective Chemical Management -**

<b>8:00 – 11:30</b>	<b>Registration/Name Tags</b>	
<b>9:15 – 10:10</b>	<b>Training:</b> Jeff Hieb (HANFORD): Chemical Life Cycle Management Cost Analysis Tool (Repeated on video at 4 p.m. today for West Coast audience)	
<b>10:10 – 10:20</b>	<b>BREAK</b>	
<b>10:20 – 10:25</b>	Welcoming Comments and Safety Brief: <i>Steve Harris, LLNL/EFCOG/ESH/CSLM Subgroup Chair</i> <i>Mark Brynildson, SNL/EFCOG/ESH/CSLM Subgroup Vice-Chair</i> <i>Daniel Marsick, HQ DOE/HS-11, CSTC DOE Co-Chair</i> <i>Bill McArthur, Director, Office of Worker Safety and Health Policy</i> <i>Pat Worthington, Director, DOE Office of Health and Safety</i>	
<b>10:25 – 10:40</b>	DOE Corporate Welcome - "DOE's Perspective on Cost-Effective Chemical Management" <i>Glenn Podonsky</i> <i>Chief Health, Safety and Security Officer</i> <i>HQ- DOE/HSS</i>	
<b>10:40 – 10:55</b>	EFCOG Corporate Welcome - "Achieving Excellence Through Risk Reduction" <i>Pat Padezanin</i> <i>SRNS</i> <i>EFCOG ESH Working Group Chairman</i>	
<b>10:55 – 11:45</b>	Research Laboratory Accident Investigation at Texas Tech <i>Mark Griffon, Board Member</i> <i>Chemical Safety Board</i>	
<b>11:45 – 1:00</b>	<b>LUNCH</b>	
<b>1:00 – 1:40</b>	Current Perspectives on DOE Chemical Safety Vulnerabilities <i>John Mansfield</i> <i>Defense Nuclear Facilities Safety Board</i>	
<b>1:40 – 2:15</b>	Sustainable Chemical Acquisition Processes <i>Mark Brynildson</i> <i>SNL</i>	
<b>2:15 - 2:35</b>	ORNL Procurement Tool <i>Jeff Sickau</i> <i>ORNL</i>	
<b>2:35 – 2:45</b>	<b>BREAK</b>	
<b>2:45 – 3:10</b>	Gas Acquisition: Best Practices at SRS <i>Gary Swisstack</i> <i>SRS</i>	
<b>3:10 – 4:00</b>	Toxic Chemical Reduction Guide <i>Dina Siegel (R)</i> <i>LANL</i>	
<b>4:00 – 5:00</b>	Closing Remarks and Highlights Video replay of training <i>Dan Marsick/Steve Harris</i>	

**Day 2 -- Wednesday, March 14, 2012  
FORRESTAL MAIN AUDITORIUM (GE-086)**

**Chemical Safety and Life Cycle Management  
- Cost-Effective Chemical Management -**

8:00 – 10:00	Registration/Name Tags - Large Auditorium (GE-086)	
8:30 – 8:40	Welcome to Day 2	<i>Dan Marsick and Steve Harris HQ- DOE/HSS and LLNL</i>
8:40 – 9 :30	<b>Training:</b> Kim Jeskie (ORNL): Response to Texas Tech Incident – Performing Hazard Analysis for Academic Research Laboratories (Repeated on video at 4 p.m. today for West Coast audience)	
9:30 – 10:00	Cost Considerations in Implementing RFID-based Chemical Inventory Management at ORNL	<i>Jeff Sickau ORNL</i>
10:00 – 10:10	<b>BREAK</b>	
10:10 – 10:40	Managing Safety and Compatibility Issues While Reducing Legacy Chemicals	<i>Dina Siegel (R) LANL</i>
10:40 – 11:20	Managing Chemical Inventories to Building Code and Fire Code Limits	<i>Doug Freels ORNL</i>
11:20 – 12:30	<b>LUNCH</b>	
12:30 – 1:15	Cost Considerations and Globally Harmonized System (GHS) Implementation	<i>Michele Sullivan MRS Associates</i>
1:15 – 1:30	Session Introduction - Disposition: The End of the Life Cycle	<i>Jane Powers DOE-HQ/ HS-22</i>
1:30 – 2:00	Material and Specimen Core Business Process: Cradle to Grave Management of Materials	<i>Eric Damberg/James Larson PNNL/DOE-HQ</i>
2:00 – 2:20	SRS Compressed Gas Partnership	<i>Gary Swisstack SRS</i>
2:20 – 2:35	<b>BREAK</b>	
2:35 – 3:00	Beyond Cost Savings: Using P2 as a Compliance and Risk Reduction Tool	<i>Pat Gallagher (R) LANL</i>
3:00 –3:45	Panel Discussion: Zero Waste: Is it an End-of –Pipe Dream?	<i>Jane Powers DOE-HQ/HS-22</i>
3:45 – 5:00	Closing Remarks and Video Replay of Training (Evening 6PM dinner at Siroc restaurant)	<i>Dan Marsick/Steve Harris</i>

Day 3 – Thursday, March 15, 2012  
FORRESTAL MAIN AUDITORIUM (GE-086)

**10 CFR 851 Workshop**

*The purpose of this workshop is to foster continuous improvement of the implementation of 10 CFR 851 by sharing implementation experiences and ideas for enhancements gathered over the nearly 5 years since the rule's date for full implementation.*

<b>8:00 – 10:00</b>	Registration/Name Tags - Large Auditorium (GE-086)	
<b>9:15 – 9:25</b>	Welcome to 10 CFR 851 Workshop	<b>Pat Worthington</b> <i>Director, DOE Office of Health and Safety</i>
<b>9:25 – 9 :35</b>	Introduction to HSS Focus Group	<b>Bill Eckroade</b> <i>Principal Deputy Chief for Mission Support DOE Office of Health, Safety and Security</i>
<b>9:35 – 9:55</b>	Update on DOE Safety Culture Initiative	<b>Bill Roege</b> <i>Deputy Director, DOE Corporate Safety Analysis</i>
<b>9:55 – 10:20</b>	<b>BREAK</b>	
<b>10:20 – 11:55</b>	<b>10 CFR 851 Implementation Experience and Ideas for Enhancement</b> <b>Panel Moderator:</b> David Weitzman, DOE Office of Safety and Health Policy	
	<i>The panelists represent stakeholders involved with the implementation of 10 CFR 851. After their presentations, the audience will have the opportunity to ask questions, provide comments, and make recommendations.</i>	
	<b>Doug Stephens</b> <i>NIEHS Project Manager United Steel Workers</i>	<b>Alice C. Doswell, Senior VP</b> <i>Environment, Safety, Security and Health Savannah River Nuclear Solutions</i>
	<b>Stephen Wallace</b> <i>Senior Occupational Safety and Health Advisor National Nuclear Security Administration</i>	<b>Terry Krietz</b> <i>Safety and Occupational Health Manager DOE Office of Environmental Management</i>
	<b>Bill McArthur (R-call-in at 10:25)</b> <i>Director, DOE Office of Worker Safety and Health Policy</i>	<b>Kevin Dressman, Director</b> <i>Office of Worker Safety and Health Enforcement DOE Office of Enforcement and Oversight</i>
	<b>Questions and Answers for Panel and Audience</b>	
<b>11:55 – Noon</b>	<b>Closing</b>	<b>Bill McArthur (R-call-in at 11:55)</b>

# EFCOG ESH Workgroup Executive Meeting

**Monday, March 12, 2012**

**1:00 - 5:30 p.m.**

**Room GH-035**

- 1:00** Welcome, Safety Topic
- 1:15** Lessons Learned
- 1:30** Review Minutes from Last Meeting
- 1:45** Awards and Recognition
- 2:00** DOE Customer Feedback
- 2:30** **BREAK**
- 2:45** Working Group Summaries (10 minutes each)
- Electrical, Occupational Medicine, Laser Safety
  - CSLM, Environmental, IH/IS, Radiation Protection
  - Task Group updates
- 4:30 - 5:00** Open Discussion, Summary and Actions

**Conference Line for Monday Afternoon (10 lines): 202-287-1360**

## EFCOG Radiation Protection Subgroup

**Tuesday, March 13, 2012**

**Room GH-035**

<b>Time</b>	<b>Activity</b>	<b>Responsible Person</b>
8:00–9:15	<b>Registration</b>	<i>All</i>
9:15–10:10	Forrestal Main Auditorium (GE-086) Chemical Life Cycle Management Cost Analysis Tool	<i>Jeff Hieb, Hanford</i>
10:10–10:20	<b>BREAK</b>	<i>All</i>
10:20–10:25	Forrestal Main Auditorium (GE-086) Welcome Comments and Safety Brief	<i>Assorted Speakers</i>
10:25–10:40	Forrestal Main Auditorium (GE-086) DOE Corporate Welcome– <i>DOE’s Perspective on Cost-effective Chemical Management</i>	<i>Glenn Podonsky, HQ DOE/HSS</i>
10:40–10:55	Forrestal Main Auditorium (GE-086) EFCOG Corporate Welcome– <i>EFCOG Perspective on Cost-effective Chemical Management</i>	<i>Nick DiMascio, Bartlett Services, Inc.</i>
10:55–11:45	Forrestal Main Auditorium (GE-086) Research Laboratory Accident Investigation at Texas Tech	<i>Mark Griffon, Chemical Safety Board</i>
11:45–1:00	<b>LUNCH</b>	<i>All</i>
1:00–1:30	Welcome, Introduction, Facilities, Safety and Approval of Minutes	<i>Mark Ledoux, EnergySolutions</i>
1:30–2:00	Industry Updates	<i>Mark Ledoux, EnergySolutions</i>
2:00–2:30	ORPs Leading Indicator Trends	<i>Ted Glitz, HAMMER</i>
2:30–3:00	Neutron Dose Correction Factor(s) at Savannah River Site	<i>Gordon Quillin, SRS</i>
3:00–3:15	<b>BREAK</b>	<i>All</i>
3:15–3:45	DOE Policy Updates	<i>Peter O’Connell, DOE HQ</i>
3:45–4:15	Sealed Source Reporting Policy	<i>Melanie May, DOE HQ</i>
4:15–5:00	Rad Protection Subgroup Meeting Wrap-up	<i>Mark Ledoux, EnergySolutions</i>

**Conference Line (10 lines): 202-287-6431**

## EFCOG Radiation Protection Subgroup

**Wednesday, March 14, 2012  
Room GH-035**

Time	Activity	Responsible Person
<b>8:00 – 8:30</b>	<b>Registration</b>	<i>All</i>
<b>8:30 – 9:00</b>	D&D of the Plutonium Finishing Plant From a Rad Perspective	<i>Eric McKamey, CHPRC</i>
<b>9:00 – 9:30</b>	Low Dose Program	<i>Noelle Metting, Office of Science</i>
<b>9:30-10:00</b>	Radioactive Materials Initiative	<i>John Blaikie, DOE HQ</i>
<b>10:00-10:15</b>	<b>BREAK</b>	<i>All</i>
<b>10:15 – 10:45</b>	Assessed Perspective of SRS DNFS Radiological Program Assessment	<i>Gordon Quillin, SRS</i>
<b>10:45 – 11:30</b>	Neutron Quality Factor Task Team Update	<i>Ken Crase, Retired</i>
<b>11:30-12:20</b>	<b>LUNCH</b>	<i>All</i>
<b>12:20 – 1:00</b>	Eye Dose Issues	<i>Joel Rabovsky, DOE HQ</i>
<b>1:00 – 1:40</b>	NIST Measurement Standards in Ionizing Radiation	<i>Lisa Karam, NIST</i>
<b>1:40 – 2:20</b>	Consistency of Sites with the Value (\$\$\$) of Person-Rem	<i>Edward Regnier, DOE HS-22</i>
<b>2:20 – 3:00</b>	Discussion - GERT Reciprocity Between DOE Sites	<i>All</i>
<b>3:00 – 3:15</b>	<b>BREAK</b>	<i>All</i>
<b>3:15 – 4:00</b>	Benchmarking	<i>All</i>
<b>4:30 – 5:00</b>	Rad Protection Subgroup Meeting Wrap-up	<i>Mark Ledoux, EnergySolutions</i>

**Conference Line (10 lines): 202-287-6431**

## EFCOG Chemical Safety and Lifecycle Management Subgroup

Thursday, March 15, 2012  
Room GH-035

Time	Activity	Responsible Person
8:45—9:00	Welcome and Opening Remarks	<i>Steve Harris, CSLM Subgroup Chair</i>
9:00—9:30	2012 Workshop Review and Lessons Learned	<i>All</i>
9:30—10:15	Project Updates and Path Forward - Toxic Chemical Reduction Guide - Volume III Chemical Management Handbook	<i>Dina Siegel Jane Powers Gary Swisstack</i>
10:15—10:30	<b>BREAK</b>	<i>All</i>
10:30—11:45	CSLM New Business New Projects Coordination with Industrial Hygiene Subgroups Closing Remarks	<i>Mark Brynildson</i>
11:45—1:00	<b>LUNCH</b>	<i>All</i>

Wednesday dinner planned

**Conference line (10 lines): 202-287-6452**

## EFCOG Industrial Hygiene/Industrial Safety Subgroup

**Thursday, March 15, 2012**  
**Large Auditorium (GE-086)**  
**(with two-way call link)**

<b>Time</b>	<b>Activity</b>	<b>Responsible Person</b>
<b>1:00—1:15</b>	Welcome	<i>Dina Siegel</i>
<b>1:15—2:30</b>	Team Updates (15 minutes each) <ul style="list-style-type: none"><li>• Accident Investigation Order Guide Update</li><li>• Safety and Health Metrics/Leading Indicators</li><li>• Behavior-Based Safety meets Human Performance Indicators</li><li>• Injury Reporting Requirements Update</li><li>• New Project</li></ul>	<i>Richard deBusk</i> <i>Dina Siegel</i> <i>Phil</i> <i>Mark</i> <i>John</i>
<b>2:30—3:30</b>	Discussion of Leading Indicator Draft Guide	<i>Dina Siegel</i>
<b>3:30—4:00</b>	Brainstorm Session for New Projects	<i>All</i>

## EFCOG Occupational Medicine Subgroup

**Thursday, March 15, 2012**  
**Small Auditorium and Webinar\***  
**Room GJ-015**

Time	Activity	Responsible Person
<b>8:30 - 9:00</b>	On-Site Registration	
<b>9:00- 9 :30</b>	Keynote by Chief Officer for Health, Safety and Security and Chief Medical Officer Update: Integrating Occupational Medicine into Policy, Assistance, Oversight, and Enforcement	Glenn Podonsky Michael Ardaiz DOE-HQ/HSS
<b>9:30- 9:50</b>	EFCOG Update: Occupational Medicine (OM) Leadership and Strategic Objectives	Jamie Stalker DOE/ANL
<b>9:50 – 10:00</b>	<b>BREAK</b>	
<b>10:00—11:00</b>	Radiation Emergency Assistance Center/Training Center (REAC/TS) Update: the 5th International REAC/TS Symposium and the Medical Basis for Radiation Accident Preparedness	Al Wiley Steven Sugarman REAC/TS
<b>11:00—12:00</b>	Benchmarking for Chelation Therapy Following Radiological Exposures: Linking Exposure Assessment and Medical Management	Peter O’Connell DOE-HQ/HS-11
<b>12:00—1:00</b>	<b>LUNCH</b>	
<b>1:00—2:00</b>	NIOSH Health Hazard Evaluations and Industry-wide Studies: Applications in Nanotechnology Safety and Health and Other Areas	Doug Trout NIOSH/CDC
<b>2:00-2:20</b>	CBD Resources Update: CBD Card and Web-based Resources	Isaf Al-Nabulsi DOE-HQ/HS-10
<b>2:20-2:40</b>	Contractor Drug-testing Update: 10 CFR 707	Jackie Rogers DOE-HQ/HS-10
<b>2:40-2:45</b>	<b>BREAK</b>	
<b>2:45—3:15</b>	The Electronic Medical Business Operating System (EMBOS) Update: Developments for Y-12 and Other DOE Occupational Medicine Programs	Charlie Barton DOE/Y-12
<b>3:15—4:00</b>	Update on the Y-12 HRP-Associated PERIL Project: Identifying and Analyzing Metrics Associated with Medical Assessments	Russ Reynolds DOE/Y-12
<b>4:00—5:00</b>	Employability Determinations: Mental and Behavioral Health Assessments and Considerations	Neil Hibler Special Psychological Services Group

5:00-7:00 PM **Dinner** – Phillips Seafood Restaurant (at individual expense)

**\*WEBINAR instructions - Must REGISTER before March 15, see last page of this agenda.**

## EFCOG Occupational Medicine Subgroup

**Friday, March 16, 2012  
Small Auditorium and Webinar\*  
Room GJ-015**

Time	Activity	Responsible Person
<b>8:30- 9:00</b>	Welcome by EFCOG ESH Working Group Chair	Patricia Padezanin DOE/SRS
<b>9:00-9:50</b>	Quality Assurance and Management: Lean and Six Sigma Methodologies for Occupational Medicine	Deanna Willis IUPUI
<b>9:50-10:00</b>	<b>BREAK</b>	
<b>10:00-11:00</b>	Discussions on the Relationship between Glovebox Worker Safety and Ergonomics	Cindy Lawton DOE/LANL
<b>11:00-12:00</b>	OSHA: Overview of the Office of Occupational Medicine (OOM): A Resource for OSHA-Regulated DOE Sites	Atkinson Longmire OSHA/USDOL
<b>12:00-1:00</b>	<b>LUNCH</b>	
<b>1:00-2:00</b>	Ergonomics at “Jefferson Lab	Smitty Chandler Thom Jefferson Natl Acc Facility
<b>2:00-2:50</b>	Progress in Clinic Quality at LBNL	Peter Lichty LBNL
<b>2:50-3:00</b>	<b>BREAK</b>	
<b>3:00-4:00</b>	The DOE Health and Work Performance Questionnaire (HPQ) Pilot: A Needs Assessment for the Implementation of Health and Productivity Management	Jodi Jacobsen U. of Maryland
<b>4:00-5:00</b>	Health & Productivity Roundtable: Health and Productivity Management Experience and Consensus within DOE	Morgan Edwinson SNL

5:00-7:00 PM **Dinner** – L’Enfant Plaza Hotel American Grill (at individual expense)

**\*WEBINAR instructions - Must REGISTER before March 15**

To register to participate in the Workshop webinar, go to: <https://www1.gotomeeting.com/register/584399184>. The webinar will be held daily March 15-16, 2012 from 8:00 AM - 5:00 PM EDT and continuing medical education (CME) credit (1.0/hour of accredited presentations) will be available upon verification of attendance or webinar participation. Email notification will instantly confirm your registration and provide you with the URL link, telephone and access numbers. MUTE PHONES PLEASE.