

Environmental Safety & Health Working Group

Anthony Umek
Vice President ESH&Q
3/05/09

Waste Management Symposium

Phoenix, Arizona

EFCOG ESH WG Organization

Environmental Safety and Health Working Group



ES&H Working Group

Tony Umek, Fluor – Chair Mike Madison, Energy Sol – 1st Vice Chair Pat Padezanin, SRNS – 2nd Vice Chair Cynthia Williams, SRNS – Secretary

Strategic Planning

Working Group Officers Subgroup Chairs Sponsor & Liaison Members

Liaison Members

Dave Amerine, Parsons, EFCOG Sponsor Dan Burnfield, DNFSB

Logistic Support

Kristi Davenport, Energy Sol.

Environmental Subgroup

Ross Fanning, SRNS – Chair David Folse, SPR – Vice Chair Bob Roulston, Pantex – Secretary

Chemical Safety & Lifecycle Management Subgroup

James Morgan, SRNS – Chair Steve Harris, LLNL – Vice Chair Mark Brynildson SNL – Secretary

Industrial Hygiene/Industrial Safety Subgroup

Robert Keen, SPR – Chair Ed Kvartek, SRS – Vice Chair Mark Haskew – Secretary

Radiation Protection Subgroup

Jim Stafford, SRNS - Chair Mark LeDoux, Hanford - Vice Chair Ted Giltz, Energy Sol. - Secretary

Occupational Medicine Subgroup

Jamie Stalker, LANL – Chair John Tomarchio, SRNS – Vice Chair TBD – Secretary

Electrical Safety Subgroup

Mark McNellis, SNL – Chair Jackie McAlhaney, SRNS – Vice Chair David Mills, BSRI - Secretary

DOE HQ ES&H Working Group Sponsors

Pat Worthington, DOE-HQ, HS-10 Frank Russo, DOE-HQ, NA-1

DOE Subgroup Points of Contact

Chemical Safety & Lifecycle Mngt.: Electrical Safety: Environmental: Industrial Hygiene/Industrial Safety: Occupational Medicine: Radiation Protection:

DOE/HSS

Bill McArthur, DOE-HQ, HS-11 Brad Davey, DOE-HQ, HS-12 Steve Woodbury, DOE-HQ, HS-21 Bill McArthur, DOE-HQ, HS-11 Bonnie Richter, DOE-HQ, HS-13 Pete O'Connell, DOE-HQ, HS-11

DOE/Line

TBD

Cliff Ashley, RL; Mike Hicks, ID TBD Don Harvey, DOE-HQ, NA-1 Don Harvey, DOE-HQ, NA-1 J.E. Parsons, DOE-RL

ES&H Working Group Organization Chart Effective Date: 03/01/09 (Rev. 5)



2008 Activities

- Spring Meeting Washington, D.C. (March)
 - 240 participants; video linked to 14 DOE Sites
 - In conjunction with Chemical safety and Lifecycle Management Conference
 - DOE-HQ & HSS Leadership participated
 - EFCOG ESH WG Chair was one of three keynote speakers
- Fall meeting Las Vegas, Nevada
 - 200 participants
 - Agreed to sponsor a Nano Technology Initiative
- Held periodic conference calls to discuss priority ESH issues and share lessons learned



2008 Accomplishments

- Electrical Subgroup is working on publishing a revised version to the Electrical Safety Handbook.
- Environmental Subgroup supported activities in the DOE-HSS clean Air Working group and Environmental Management Systems Assistance Network.
- Chemical Safety & Life Cycle Management Subgroup completed the chemical inventory management benchmarking survey of 12 facilities/sites and presented results at the Spring conference.
- Industrial Hygiene & Safety Subgroup solicited and obtained DOE-HQ interpretation of DOE safety and Health Note DOE/EH-0414.
- Occupational Medicine Subgroup helped DOE established the Office of Chief Medical Officer and establish a medical peer review process



2008 Accomplishments

- Radiation Protection Subgroup assisted DOE with neutron dosimetry guidance for implementation of the amended 10CRF835
- Radiation Protection Subgroup PU-241 Task Team developed and distributed a generic 10CFR835 Exemption Request for use by any member that needs it that would request approval to treat PU-241 the same as other beta emitters and not like an alpha emitter. The advantage to this approach is that it makes it very easy for the DOE staff who review Exemption requests to approve it using the same rationale and basis as for previous approvals. DOE HQ personnel were kept informed of the contents of the generic Exemption Requests as it was developed.



Look Ahead - 2009

- Conduct two semi-annual working group meeting in the spring and fall
- Continue to grow membership within the ESH WG
- Sponsor the development of a Laser Safety Task Group
- Sponsor the development of a Nano Technology Task Group
- Publish the revised Electrical Safety Handbook
- Present technical guidance for DOE to clarify implementation of changes in neutron doses consistent with Amended 10CFR835 and the recommendations of ICPR 60
- Develop technical guidance for members to use in evaluating their neutron dose methods



Look Ahead - 2009

- Publish a contractor Guide for a Standardized Process for Low Hazard Exposure Assessment
- Continue to assist DOE with CFR and Order revisions
- Support ISM related tasks by working and interfacing with the ISM&QA Working Group
- Host workshops in support of key DOE and Contractor areas of concern

