



Savannah River
Nuclear Solutions, LLC
A Fluor Corral Partnership

Environmental Safety & Health Working Group

Anthony Umek

Vice President ESH&Q

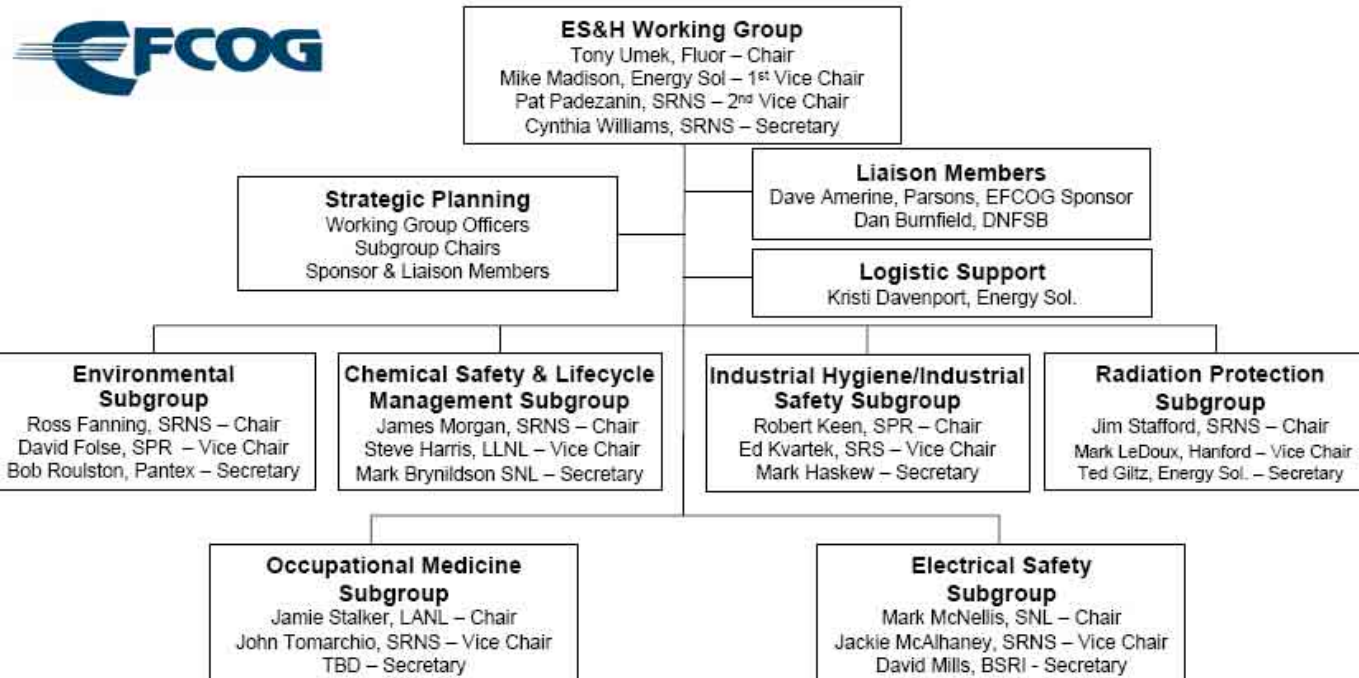
3/05/09

Waste Management Symposium

Phoenix, Arizona

EFCOG ESH WG Organization

Environmental Safety and Health Working Group



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 10CFR835
- 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