

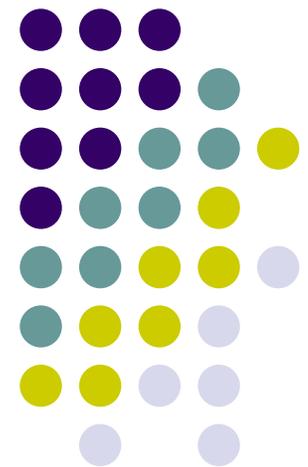
EFCOG Environmental Safety & Health Working Group

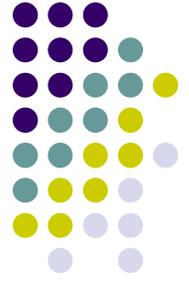


Presented by

Anthony Umek

February 28, 2008





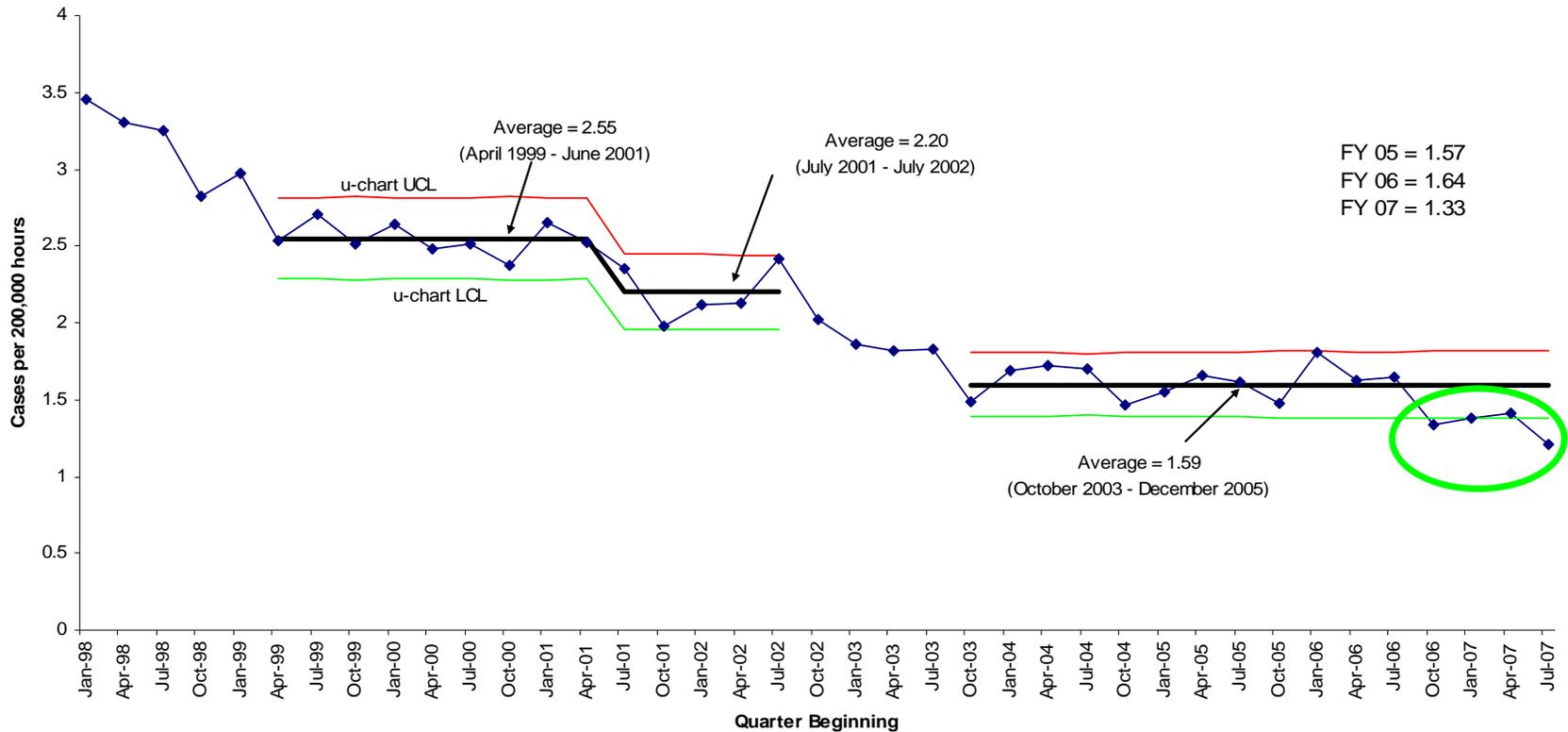
Working Group's Purpose

- Interact with DOE to produce value-added benefits for DOE and contractors.
- Promote excellence in all aspects of Environmental Protection, Safety, and Health:
 - Focusing on cost effective, efficient execution of DOE's mission, while maintaining safe, environmentally sound operations.
 - Evaluating and selecting "best in class" ES&H practices, procedures, and tools for deployment.
 - Promoting and facilitating the active exchange of successful programs, information of common interest, and improvement initiatives.
 - Addressing issues of common interest, including initiatives to foster continuous ES&H improvement.
 - Promoting cooperation and information interchange within EFCOG and with other entities while minimizing duplication of efforts.

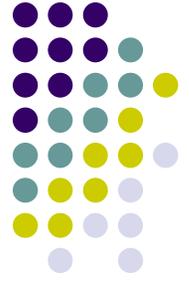
DOE OSHA Recordable Case Rate Trend, 1998 - 2007



US Department of Energy OSHA Recordable Case Rate

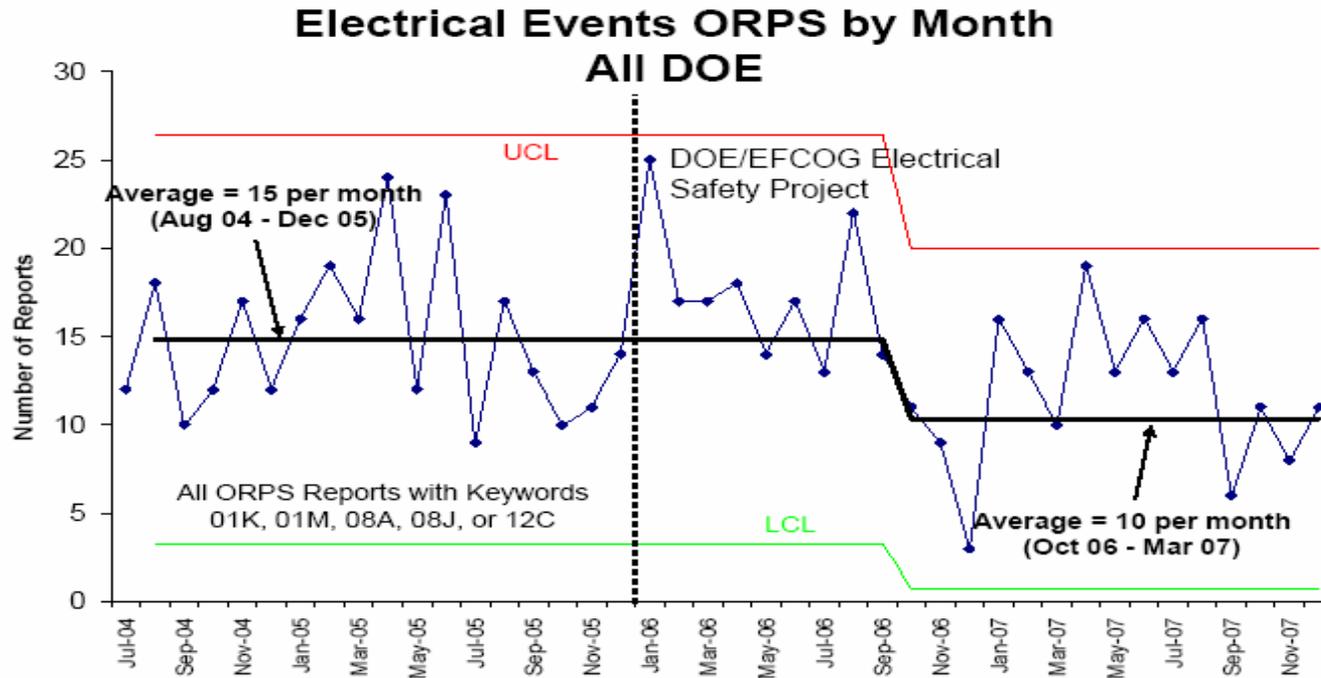
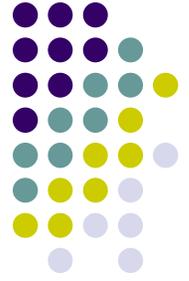


Working Group's 2007 Accomplishments



- Held first meeting October 30 – November 2, 2007, at the DOE NNSA Nevada Site Office in Las Vegas, Nevada, with ~ 110 participants.
- Transitioned the Electrical Safety Project Team to a sub group, contributing to Complex-Wide improved performance.
 - Established aggressive goals, including establishing a Center of Excellence.
 - Sponsored the DOE Annual Electrical Safety Meeting, ~200 participants, in Albuquerque, New Mexico.
 - Produced several key tools for training and hazards analysis.
 - Developed an Electrical Safety Severity Index Tool to improve tracking and trending of events.

DOE-Wide Electrical Events, 2004 - 2007



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Working Group's 2007 Accomplishments

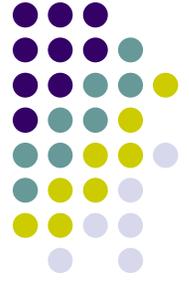


- Co-sponsored Ninth Annual Joint EFCOG/DOE Chemical Management Workshop, with ~ 230 participants.
- Completed a chemical inventory management benchmarking survey of twelve facilities/sites.
 - Survey results used to encourage a graded approach to managing hazardous material inventories.
- Addressed key medical issues in the DOE Complex including a DOE Chief Medical Officer position and key occupational medical processes by the Occupational Medicine Sub Group with the DOE Office of Enforcement.
- Participated with DOE-HQ to address integrating Executive Order 13423 requirements with revised DOE Order 450, Environmental Management.

Working Group's 2007 Accomplishments

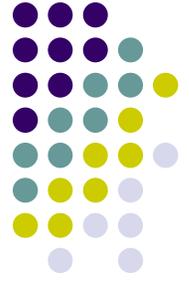


- IH/IS Sub Group worked with the Radiation Protection Sub Group to discuss approaches for balancing worker protection from industrial and radiological hazards.
- Assisted DOE with a Radiation Protection Workshop to address implementation of recent 10CFR835 revision.
- Chair of the Radiation Protection Sub Group attended a Nuclear Energy Institute meeting to discuss the “Human Resource Shortages” for the nuclear industry.



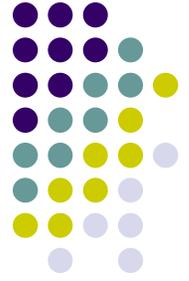
Look Ahead - Future Plans

- Host and/or Co-Host several key meetings of significant benefit to members.
 - Electrical Safety Workgroup
 - Chemical Management Workshop (starts March 3)
 - 10CFR835 Radiation Protection Workshop
- Continue electrical safety improvements.
 - Revision of DOE Electrical Safety Handbook
 - Continue to promote the electrical event severity tool – used to better quantify risk
- IH/IS Sub Group to assess the impacts to contractors of complying with 10CFR851 requirements for performing exposure assessments.



2008 Work Plans

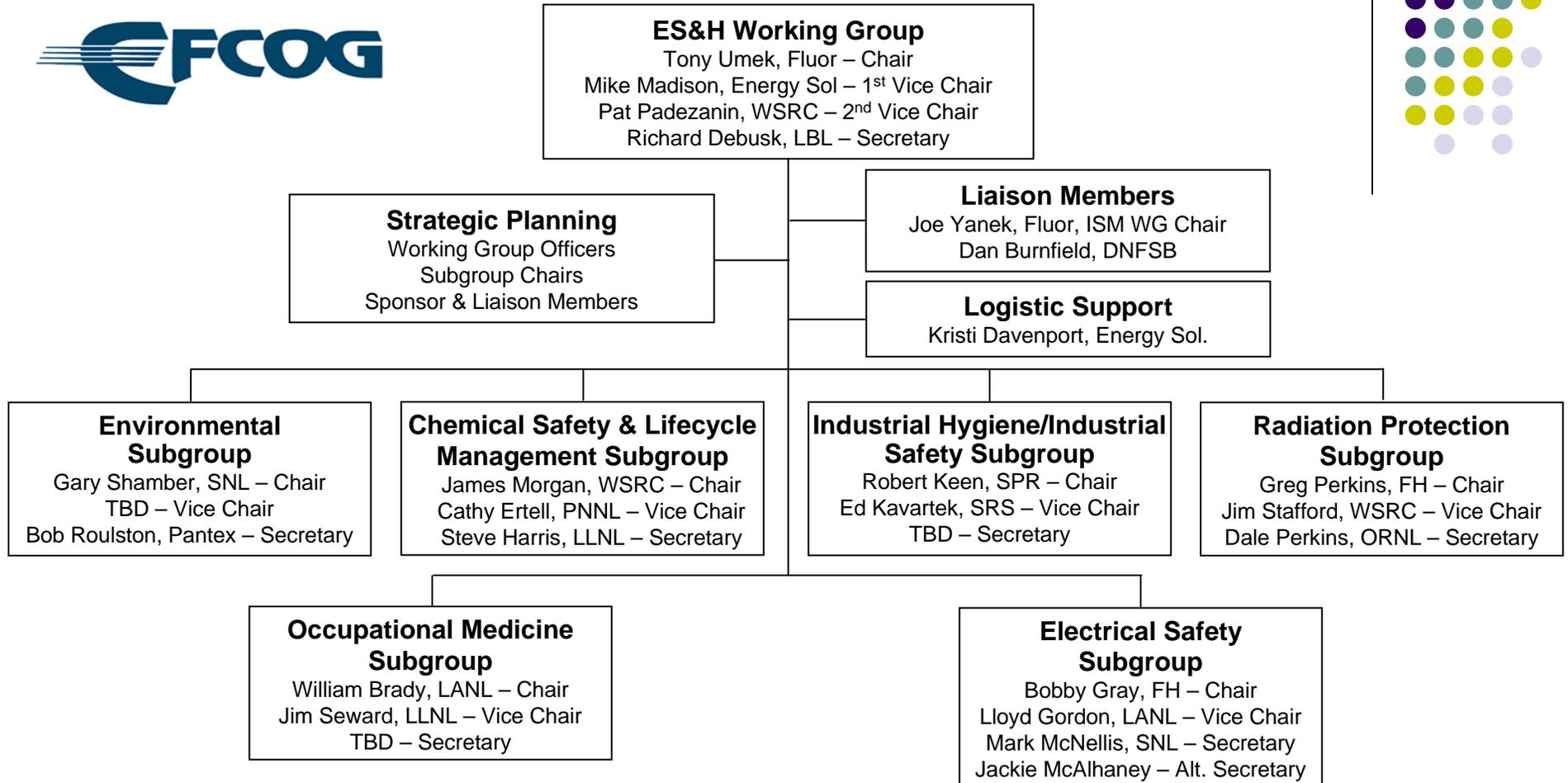
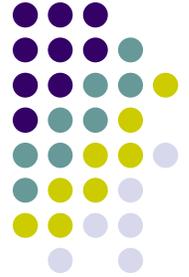
- Enhance ISO 14001 certification and VPP STAR recognition benefits to DOE contractors.
 - Work with DOE-HQ to streamline DOE oversight and address 10CFR851 penalty mitigation for certification/recognition.
- Continue integration efforts on DOE Order 450 and Executive Order 13423.
- Complete development of an Environmental Management System Handbook.
- Publish a Contractor Guide for a Standardized Process for Low Hazard Exposure Assessment.



Challenges

- Improved Integration with Other Working Groups
 - Logistics of co-located meetings
 - Breadth of issues facing DOE EFCOG
 - Availability of DOE sponsors
- Looking to the Future
 - EFCOG's role with DOE in the 2010 to 2030 "closure" period
 - Potential role with GNEP
- Succession Planning
 - Demographics of WG leadership
 - Strategies for attracting "new" members for leadership roles

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