

Safety Working Group FY2017 EFCOG Working Group Chair Meeting



John McDonald
Washington River Protection Solutions, LLC
Working Group Chair
June 7, 2017





SWG Mission and Scope

- Attain the highest levels of safety and regulatory performance in facilities
- Advocate strong, effective implementation of ISMS
- Promote best management and operating practices;
- Facilitate the exchange of operating experiences and information on safety/regulatory programs
- Provide access to a network of subject matter experts (SME)
- Identify opportunities to save and/or avoid costs
- Arrange for training and awareness workshops to enhance the competency of professionals

SWG Leadership



- John McDonald, Chair, WRPS
- Pat Padezanin, Vice-Chair, SRNS
- Alice Lewis, Secretary, PNNL
- Pat Worthington, DOE Liaison
- Ray Skwarek & Linda Bauer, EFCOG Sponsoring Directors
- 7 Subgroups and 22 Task Teams

Subgroups Chairs



- Patricia Allen, SRR, ISM
- Vince Grosso, NSTec, QA
- Mary Flora, SRNS, Worker Safety & Health
- Jeff Buczek, WRPS, Nuclear & Facility Safety
- Monica Witt, LANL, Sustainability and Environment
- Debbie Jenkins, UT-Battelle & Kathy Brack (CNS)
Regulatory & Enforcement
- Cherri DeFigh-Price, Parsons – SWPF, Engineering
Practices



Task Teams (22)

Accident Analysis	Nuclear Safety R&D	Approved Supplier List
CAS	Occupational Medicine	Software QA
Criticality Safety	ORPS	Supply Chain Quality
Electrical Safety	Pressure Safety	USQ
Fire Protection	QA Policy and Procedure	Welding
HPI	Radiation Protection	Work Management
IH and Safety	Safety Basis	
Laser Safety	Safety Culture/HRO	

FY17 Key Achievements



- CAS maturity model – Complete (C)
- CAS element survey – C
- CAS Effectiveness Validation Lines of Inquiry guide – C
- Nuclear Facility and Safety (NF&S) Early Career Focus Group created – C
- Safety Culture Monitoring Guide – C
- SME Listings developed for many Subgroups/Task Groups

New Sub-Group: Sustainability and Environment Key Achievements



- Developed an Executive Committee with DOE sponsorship and coordinating conference calls.
- Hosting bi-monthly webinars with speakers from across the complex regarding sustainability and environmental projects.
- Conducted a joint sustainability and ASER workshop at NREL and at LLNL.



John Elliot, LBNL, Shan Belew, PNNL, and Sonia Ballesteros Rodriguez, LANL, (happily crammed into the back of a Prius) carpooling to the EFCOG SESG meeting, hosted by LLNL and Sandia California

FY17 Key Achievements In Progress



- Commercial Grade Dedication (CGD) training
- CGD handbook
- CGD software guide
- Software QA knowledge base white paper
- QA Master Approved Supplier List (MASL) user guide update
- MASL/Joint Supplier Evaluation Program (JSEP) single supplier tool
- Quality Assurance (QA) graded approach document
- QA large scale procurements guide
- Safety culture information exchange website
- Work Planning and Control - Perform 2 Assist Visits

FY17 Key Achievements In Progress



- IH Physical Agents Threshold Limit Value (TLV) Guidance
- Safety & Health Requirement Flow-down to Subcontractors Guidance
- Fall protection clearance distances guide
- Electrical safety month briefing material
- Radiation Protection (RP) professional qualification future staffing needs
- RP Alignment of 10CFR835 Appx D, DOE O 458.1, and ANSI N13.12
- NF&S Review and rank NNSA and DOE-AU projects
- Joint EFCOG/DOE pilot review of 1-2 Fire Protection standards
- Human Performance Improvement (HPI) Leadership Guide
- HPI Quality Verification & Validation of Procedures and Guidance
- HPI Fundamentals/Tool to Improve Org. Effectiveness



FY17 Best Practices Status

- CAS Effectiveness Validation – C
- Review and update of existing Best Practices – C
- Consent Order Request
- Enforcement investigation
- Sustainability & Environment Gap Analysis
- Occupational Medicine (OM) Coordination
- OM Physical Therapy Services
- OM Approach to Travel Accommodations
- Welding Program Ownership/ASME Qualifications
- Large Scale Capital Procurement Projects (DOE Order 413.3B)

FY17 Best Practices Status

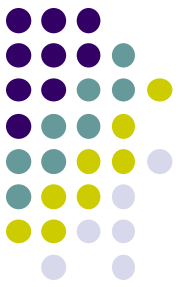


- DC Arc Flash Calculations
- Battery Risk Assessment Flowchart
- Look-a-like Equipment Control
- Radio Frequency Identification (RFID) Chemical Inventory Bar Coding
- Heat Stress Hazard Controls
- Heavy Lifting Limit
- Contact Release Training
- National Training Center (NTC) Laser Safety Course

Best Practices Development Status and Plans for FY18



- Not yet developed



SWG Issues

- Occupational Medicine Group needs a DOE Point of Contact to ensure they are working on right priorities – C (Bill McArthur)
- Registration fees for EFCOG events – C
- Succession planning for the safety working group leadership team
- Inconsistent level of participation and understanding of value added among some member companies and DOE
- Lack of clear process for sun-setting task groups