



---

# UPDATE...

## ***A Word From the Chair...***

EFCOG Chair, Billy Morrison  
Veolia Nuclear Solutions

As we gathered for our annual meeting in Washington, D.C. in early June, I had the opportunity spend time with our work group chairs and DOE liaisons to hear updates on the important work of each of the working groups. Now more than ever, I am blown away by the high-quality output from the EFCOG working groups and the value EFCOG is bringing to DOE through this collaboration. Our working groups truly are the foundation and heart of EFCOG and it was impressive to listen to the progress they are making in so many important areas.

During our general session on June 8, our members had the opportunity to hear directly from Department of Energy and Congressional leadership, including NNSA Administrator Frank Klotz, Congressman Chuck Fleischmann, Acting Assistant Secretary for Energy Efficiency and Renewable Energy Dan Simmons, EM Associate Principal Deputy Assistant Secretary Stacy Charboneau, field office managers from across the complex and many others. The meeting was a tremendous success and was packed with important updates on a number of issues of vital importance to the EFCOG membership, including DOE's regulatory reform initiative and the evolving governance model.

We also were able to join with Rep. Fleischmann on the evening of June 7 on Capitol Hill for an event in support of the House Cleanup Caucus, which the Congressman chairs along with Rep. Ben Ray Lujan. EFCOG organized a discussion with DOE on EM's cost-savings initiative, highlighting an important collaboration between EFCOG and DOE to build on the more than \$100 million saved to date. I want to thank Acting EM Assistant Secretary Sue Cange, Richland Operations Office Manager Doug Shoop, Savannah River Nuclear Solutions President Stuart MacVean and EFCOG Vice Chair-Elect Sandra Fairchild for taking part in the panel discussion.

In June, we concluded our election cycle and I would like to congratulate our newly elected Board members: H. John Clymo (Sandia National Laboratories/NTESS), Michael Lempke (Huntington Ingalls Industries), Liz Porter (Leidos) and Frank Sheppard (Parsons Corporation). I would also like to congratulate Moses Jaraysi (CH2MHILL Plateau Remediation Company), Greg Meyer (Fluor Federal Services) and Susan Stiger (Los Alamos National Laboratory) on being re-elected to the Board.

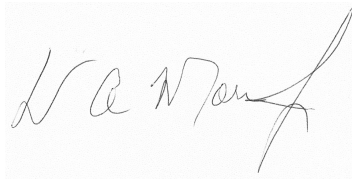
Congratulations to Michael Graham (Bechtel) on being re-elected as Vice Chair and Sandra Fairchild on being elected Vice Chair-Elect. Thank you to the EFCOG membership for your confidence in me in electing me as Chair.

A big thank you to Randy Howard (AREVA) as his term expires—EFCOG has benefited from your contributions to the Board and we look forward to continuing to work with you.

Finally, I also wanted to highlight a few important upcoming events to add to your calendar:

- EFCOG is continuing to join with the Nuclear Energy Institute and ETEBA to sponsor the House Cleanup Caucus Briefings on Capitol Hill this year. The first two events have been very successful and the third event is scheduled for September 13 from 5:00 to 6:30 pm.
- The Department of Energy, in partnership with EFCOG and the Energy Communities Alliance, is holding its second annual National Cleanup Workshop Sept. 12-14, 2017 at the Hilton Mark Center in Alexandria, Va., just outside Washington, D.C. Please visit <http://www.cleanupworkshop.com> for a preliminary agenda and the latest conference information.

Thank you for your hard work.



Billy Morrison  
Chair, EFCOG

## **WORKING GROUP REPORTS**

### **Safeguards & Security Working Group**

*Chair – Amy Wilson, CNS*

*Vice Chair – Mike Schwartz, PNNL*

*Secretary – Pamela Rohde, ORNL UT Battelle*

*DOE Liaison – Marc Brooks*

*EFCOG Board of Directors Sponsor – Steve Hafner, Centerra Group, Greg Meyer, Fluor*

The SSWG Material Control and Accountability (MC&A) sub-group conducted a joint meeting with the NNSA MC&A Implementation Panel at the National Training Center in Albuquerque, NM. The meeting covered topics such as staffing, training qualification, policy, accounting system modernization and complex initiatives. The IP continues to find value in the coordination with EFCOG and supports best practices development in

the field of MC&A. The SSWG has challenged themselves to develop best practices in a focused one-day session during the annual EFCOG meeting in June for each of the sub-groups, and continues to encourage benchmarking and networking among the members.

## Safety Working Group

*Chair – John McDonald, WRPS*

*Vice Chair – Pat Padezanin, SRNS*

*Secretary – Alice Lewis, PNNL*

*DOE Liaison – Pat Worthington*

*EFCOG Board of Directors Sponsor – Linda Bauer, Consolidated Nuclear Security; Ray Skwarek, UCOR & WRPS*

### **New best practices:**

EFCOG CAS Effectiveness Validation Best Practice was issued. This Best Practice provides a framework for validating CAS effectiveness that is intended for use by contractors, can be applied at all DOE programs and tailored for individual sites, and addresses inconsistencies in CAS effectiveness validation across the DOE complex.

The Conduct of Engineering Training Best Practice is in final preparation for issuance and has been forward to the Training Working Group for review. A training package was previously developed to be used for training new engineering staff on Conduct of Engineering. Upgrading this to a Best Practice allows more sites access to this valuable resource.

### **New Guides:**

**Monitoring Safety Culture** This guide is intended to offer suggestions and examples of how an organization might approach safety culture monitoring and improvement. Not all recommendations or examples in this document will be appropriate for all organizations; organizations should use their best judgment on their own implementation. To be most effective and efficient, the culture monitoring process should leverage existing structures and processes as much as possible. As the culture monitoring process matures, organizations may find that key features of the monitoring process can be accomplished more efficiently within other existing processes. CAS maturity model. As part of an overall approach in identifying the maturity of CAS programs at various sites, a tool was developed to assist contractors in evaluating the overall maturity of their CAS with appropriate consideration/flexibility dependent upon their mission.

**CAS Element Survey** Related to the CAS maturity activity above, a survey was conducted at various sites to identify the level of consistency for core elements of DOE O 2261.1, Contractor Assurance System.

**CAS Effectiveness Validation Lines of Inquiry guide** This guides provides specific lines of inquire (LOIs) for each of the seven attributes outlined in the EFCOG CAS Effectiveness Validation Best Practice. These LOIs are used to evaluate CAS effectiveness and intended for use by contractors, can be applied at all DOE programs and tailored for individual sites, and addresses inconsistencies in CAS effectiveness validation across the DOE complex.

**Regulatory Summary for 10 CFR 830, Subpart A** The guide is developed to help Enforcement Coordinators screen issues consistently to identify noncompliance.

**Review of a DOE Order or Standard:**

DOE O 232.2, Occurrence Reporting and Processing of Operations (ORPS) Information was reviewed by the ORPS Task Team in February.

**Conduct of Operational Meetings:**

ORPS Task Team, Las Vegas, NV, February, 2017. At this session, the Task Team discussed the pending revision to DOE O 232.2, Occurrence Reporting and Processing of Operations Information. This was a working meeting. The format was group discussion, which included detailed review of changes, implementation challenges, and development of GAP training based on what was identified during the meeting.

Nuclear & Facility Safety Workshop, Albuquerque, NM, March 2017. The 2017 Nuclear & Facility Safety Workshop, also called a working meeting, was held in Albuquerque to discuss emerging issues and developments and to plan the paths forward for the Accident Analysis, Criticality Safety, Safety Basis, Nuclear Safety Research and Development, and Unreviewed Safety Question Task Groups. The Early Career Focus Group promoted a mentor and mentee luncheon in which two early career professionals had lunch with two seasoned career professionals. In addition to the Early Career Focus Group meeting, other Focus Groups that met were Hydrogen Safety, Less than Hazard Category 3 Facility, and Reactor Safety Basis Focus Groups. The workshop included operational breakout sessions for each of the task groups as well as dedicated time for authors of best practice papers to obtain peer review and comments. In addition, DOE HQ AU-31 personnel provided an overview of future

DOE-STD-1189 rollout training for discussion of the training topics and correct emphasis on new or changed requirements.

Regulatory & Enforcement Technical Subgroup Workshop, Las Vegas, NV, May 11, 2017. The spring 2017 working meeting was held in Las Vegas, NV to share lessons learned and make progress on 2017 deliverables. Deliverables were addressed in 4 breakout sessions to address Subcontractor Oversight, Preparation and Conduct of an Enforcement Investigation, Preparation and Submittal of a Consent Order Request, and Computer-based Enforcement Coordinator Training. Three task teams worked on content, and one participated in a review of a draft.

The Annual Spring meeting of the Engineering Practices Subgroup was held in Washington DC on April 25-26, 2017. Key items covered at the meeting included discussion of engineering challenges across the DOE complex, update of DOE standard changes that affect the Engineering Community, identified five areas for development of Best Practices of general interest to the members, and updated the listings of Chief Engineers and Cognizant System Engineer Points of Contact and submitted the list to EFCOG web-master for posting. The Subgroup has also been participating in the Startup and Commissioning Task Team including attending the initial meeting February 28-March 1, 2017.

The Fire Protection Task team met face-to-face in May as part of the annual DOE Facility Representative meeting in Las Vegas, NV. The task team initiated a Joint Contractor/DOE team to review Fire Protection Codes and Standards.

The Welding Task Team met April 18-20, 2017 at the Los Alamos National Laboratory. Agenda items focused on finalizing two best practices and prioritizing new best practice subjects as well as sharing challenges and lessons learned.

The Worker Safety and Health Subgroup met in March in Washington, DC.

The ISMS and QA Subgroups held a joint meeting at the Los Alamos National Laboratory in May of 2017.

#### **Upcoming Meetings:**

- Electrical Safety Workshop, 7/24/17-7/28/17 Richland, WA
- Engineering Subgroup Meeting with Startup and Commissioning Subgroup, 9/12/17-9/14/17, Washington, DC

- Regulatory & Enforcement Technical Subgroup Meeting, 10/11/17 – 10/12/2017, Las Vegas, NV
- Worker Safety and Health Subgroup, 10/24/17– 10/26/17, Washington, DC
- ISM/QA Joint Subgroup Meeting, 11/6/17-11/9/17, Las Vegas, NV

## Training Working Group

*Chair – David Lent, INL*

*Vice Chair – Cindy Dutro, LANL*

*Secretary – Donna Kirchner, INL*

*DOE Liaison – Karen Boardman*

*EFCOG Board of Directors Sponsor – Sandra Fairchild, SRR & AECOM; Jeff Stevens, BWXT*

*Technical Services Group*

This quarter, in collaboration with DOE HQ (Brendan Burns), members of EFCOG Training Working Group provided substantial substantive feedback on DOE Order 426.2A, Personnel Selection, Training, Qualifications, and Certification Requirements for DOE Nuclear Facilities. DOE's outreach to the contractor community was enthusiastic and constructive. The collaborative effort seems destined to result in a mutually beneficial, more practicable order. For example, preliminary comments indicate revisions are required to the medical examination requirements of the Order. EFCOG members were pleased to have had the opportunity to participate in the revision process.

## Waste Management Working Group

*Chair – Sonny Goldston, CH2M Plateau Remediation Company*

*Vice Chair – Renee Echols, Firewater Associates*

*Secretary – Tammy Monday, Perma-Fix Environmental Services*

*DOE Liaison – Mark Senderling*

*EFCOG Board of Directors Sponsor – Moses Jaraysi, CH2M Hill Plateau Remediation Company;*

*Billy Morrison, Veolia Nuclear Solutions*

At DOE-EM's request, we have formed a complex wide EFCOG team to assist DOE in the following tasks/scope for all DOE waste streams. We will include D&D waste as follows.

- EM Top to Bottom Macro Assessment of LLW/MLLW Program. Identify Potential Issues, Future needs and Opportunities for Integration
  - Identify Vulnerabilities and barriers (problem waste streams)
  - Opportunities, Regulatory Issues, (435.1)
  - Research & Technology Needs
  
- In accordance with DOE O 435.1, assist the DOE Office of Waste Disposal (EM 4.22) with their top-to-bottom macro assessment of DOE's LLW/MLLW management activities to identify potential issues and opportunities for integration. Focus of the D&D Subgroup will be to:
  - provide EM with potential opportunities and risks for more efficient and effective pathways to dispose of all DOE and D&D generated wastes, and to assess potential capacity gaps
  - identify problematic waste streams and any technology gaps for disposition
  - disposal development of uniform standards to facilitate new technology development for D&D. DOE Orders promulgated in the 80's and early 90's do not support the introduction of new technologies for D&D.
  - D&D implications from the revised 420.1C Real Property Management
  
- DOE Liaisons: Andy Szilagyi, Doug Tonkay, Jonathan Kang

## UPCOMING EVENTS/DEADLINES

Sept 12-14, 2017	National Cleanup Workshop – Alexandria VA <a href="http://www.cleanupworkshop.com">www.cleanupworkshop.com</a>
Sept 13, 2017 – 5:00 – 6:30 PM	House Nuclear Cleanup Caucus Event – Capitol Hill