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# *UPDATE...*

## *A Word from the Chair...*

EFCOG Chair, Michael Lempke  
Huntington Ingalls Industries

Thank you for making our June annual meeting one of the best we've ever had.

Our members got to hear directly from key leaders including Congressman Mike Simpson (R-Idaho), Under Secretary for Science Paul Dabbar, Chief of Staff to the Deputy Secretary of Energy Jim Colgary, and NNSA Deputy Administrator for Nuclear Nonproliferation Brent Park. The annual meeting included important discussions on the path forward for end-state contracting in EM, the NNSA's new governance model and in-depth perspective from a panel of field managers from Science, EM and NNSA.

We also were able to join with Rep. Chuck Fleischmann (R-Tenn.) on the evening of June 5 on Capitol Hill for an event with the House Cleanup Caucus, which the Congressman chairs along with Rep. Ben Ray Lujan. EFCOG organized a discussion with Under Secretary Dabbar and the EM leadership on DOE's plan to reduce the life-cycle cost of the EM program through a number of initiatives.

That same day, DOE formally announced its plans to move forward with its revised interpretation of high-level, a hugely significant action for the EM program. EFCOG fully supports the risk-based approach, which allows waste to be dispositioned based on science and risk to human health and the environment rather than a source-based approach that does neither and simply relies on its origin for determining treatment and disposal options. We look forward to continuing to work with DOE on this and other regulatory reform efforts.

In June, we completed our election cycle and I would like to congratulate our newly elected Board members, Jack Craig of Atkins and Bob Wilkinson of Mission Support Alliance. I would

also like to congratulate the seven members of our Board who were re-elected: Billy Morrison, Veolia Nuclear Solutions; Sandra Fairchild, Savannah River Remediation; Liz Porter, Leidos; Morgan Smith, Consolidated Nuclear Security; Mark Whitney, AECOM; Jeff Stevens, BWXT Technical Services Group; and Kelly Beierschmitt, Los Alamos National Laboratory.

I am honored to have been elected chairman at the June annual meeting and I want to particularly thank Billy Morrison for his leadership over the last four years. During his time as chairman, EFCOG membership has grown to 112 companies and our partnership with DOE has deepened as we have continued to find new ways to improve performance and share best practices. I am pleased that Billy will continue to serve as an EFCOG Board member so that we can benefit from his experience and insight.

I look forward to being part of EFCOG's leadership and I'd like to congratulate Sandra Fairchild on her election as Vice Chair and Morgan Smith on his election as Vice Chair-elect. We truly have an outstanding group of Board members and officers to take EFCOG forward.

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 event was very successful and the second event is scheduled for September 11 from 5:30 to 7 pm.
- The Department of Energy, in partnership with EFCOG and the Energy Communities Alliance, is holding its fifth annual National Cleanup Workshop Sept. 10-12, 2019 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 all your hard work.

Michael Lempke  
Chair, EFCOG

## ***WORKING GROUP REPORTS***

### ***Safety Working Group (SWG)***

*Chair – John McDonald, WRPS*

*Vice Chair – Jan Preston, Fluor*

*Secretary – VACANT*

*DOE Liaison – Pat Worthington*

*EFCOG Board of Directors Sponsor – Michael Lempke, Huntington Ingalls Industries (HII)*

## **Recent Working Group Activities**

- The Nuclear & Facilities Safety Subgroup supported issuance of DOE-HDBK-1224-2018, Hazard and Accident Analysis, to guide development of the DSA safety analysis for nuclear facilities satisfying the requirements of a safe harbor method set out in 10 CFR Part 830, Subpart B.
- The Quality Subgroup continued implementing recommendations from the 2017 Master Approved Supplier List (MASL) DOE/EFCOG joint task team report, which is increasing use of the MASL across the DOE/NNSA contractor enterprise. The Supply Chain Task Group directly facilitates the cooperative conduct of audits to populate MASL, which reduces the resources required across the complex to qualify vendors.
- The Quality Subgroup supported issuance of the DOE Commercial Grade Dedication Handbook. EFCOG developed
- The Software Quality Task Group continues its support to the DOE Central Registry's Toolbox by compiling a list of new codes in addition to providing suggestions on a more streamline approach to the Toolbox Code Qualification process.
- The Contractor Assurance Task Group is exploring wider use of CAS effectiveness reviews, which use a peer review process similar to that used in NNSA and Science.
- The Engineering Practices Subgroup has collected and is currently compiling survey results for Engineering Metrics, Engineering Qualifications, and the Graded Approach to Engineering. Based on these results, additional Best Practices will be considered for each area.
- The Safety Working Group issued the following Best Practices since last year's newsletter:
  - Managing Hazards of Multiwire Branch Circuits Installed Before the 2008 NEC (211)
  - Preparation and conduct of an enforcement investigation (212)
  - Adoption of NFPA 70 2017 in place of NFPA 70 2014 (213)
  - Regulatory summary of 10CFR830 Part B (214)
  - Welding in Support of Research and Development (215)
  - Filler Material Control – Receipt, Storage, and Issue Implementing the Safety-Related (216)
  - Maintenance Requirements of NFPA 70E - 2018 Chapter 2 (217)
  - Assigning National Electrical Code (NFPA 70) and Electrical Safety in the Workplace (NFPA 70E) Authority Having Jurisdiction (AHJ) Responsibilities (221)
  - Electrical Safety Training Model (222)

- Electrical Safety Processes for Utility/Commingled Distribution Systems (223)
- Representatives from several Safety Working Group Subgroups worked with DOE-EM to improve the chemical hazard control strategy for Hazard Category 1, 2, and 3 nuclear facilities, which supported issuance of new DOE EM implementation guidance on chemical safety management (March 15, 2019). Many of the same representatives supported a subsequent AU-31 Chemical Safety Workshop to discuss needed revisions to the DOE directives and standards. A companion EFCOG Best Practice is being drafted.
- Recognizing the increasing influence of staff turnover, the Safety Working Group Subgroups partnered with DOE and the Training Working Group to capture and deploy field experience and best practices into complex-wide training, including the following topics:
  - Human Performance Improvement practitioner training
  - Enforcement Coordination (computer-based training – CBT – module)
  - Electrical Safety Training module
  - Safety Culture Practitioners Guide
  - Laser Worker CBT module
  - Consistent radiological worker training programs
  - Commercial Grade Dedication training
- The Nuclear and Facility Safety Subgroup, as well as other subgroups, supported development, review, and/or issuance of the following DOE requirements documents:
  - DOE-STD-1027, Nuclear Facility Hazard Categorization and Accident Analysis Techniques
  - DOE-STD-1158, Self-Assessment Standard for DOE Contractor Criticality Safety Programs
  - DOE-STD-1169, Nuclear Air Cleaning Handbook
  - DOE-STD-5506, Preparation of Safety Basis Documents for Transuranic (TRU) Waste Facilities
  - DOE O 5480.30, Reactor Design Guide
  - 10CFR 830, Nuclear Safety Management
  - DOE-HDBK-1139, Chemical Management Volume 1
  - DOE HDBK 1163, Integration of Multiple Hazard Analysis Requirements and Activities
  - DOE-HDBK-1211-2014, Work Management
  - DOE-STD-1107-97, Knowledge, Skills, and Abilities for Key Radiation Protection Positions at DOE Facilities
  - 10CFR 835/DOE O 458.1, Radiation Protection Counting Techniques

## Recent Subgroup or Task Group Meetings

- Engineering Practices Subgroup Meeting
  - April 30- May 1, 2019
  - Washington, DC

- ISM & QA Joint Subgroup Meeting
  - May 7 – 9, 2019
  - Oak Ridge, TN
- Worker Safety and Health Subgroup Meeting
  - April 16-18, 2019
  - Argonne Lab, Chicago, IL
  
- Nuclear and Facility Safety Subgroup Meeting
  - April 16-18, 2019
  - Albuquerque, NM
- Regulatory and Enforcement Subgroup Meeting
  - May 13-16, 2019
  - Las Vegas, NV

### Upcoming Subgroup or Task Group Meetings

- Electrical Safety Task Group Workshop
  - 07/29/2019 - 08/02/2019
  - **Washington, D.C.**
- Nuclear and Facility Safety Subgroup Workshop
  - Tentative late February or early March 2020
  - Albuquerque, NM
- ISM & QA Joint Subgroup Meeting
  - **November 11-14, 2019**
  - **Oak Ridge, TN**
- Worker Safety & Health Subgroup Operational Meeting
  - October 29-31, 2019
  - Washington, D.C.
- Regulatory and Enforcement Subgroup
  - October 8-9, 2019
  - Las Vegas, NV

### UPCOMING EVENTS

National Cleanup Workshop, Alexandria, VA	September 10-12, 2019
September Nuclear Cleanup Caucus, Washington, D.C.	September 11, 2019