

EFCOG Fire Protection Task Team

SAND2017-13387C

Nuclear & Facility Safety Workshop
Fire Safety Track
May 4, 2017

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Agenda

- **EFCOG Structure**
- **Fire Protection Task Team**
- **FY17 Topics Covered**
- **Codes/Standards Review Effort**
- **Highly Protected Risk**
- **Help Needed**



EFCOG Structure

- **Energy Facility Contractors Group (EFCOG)**
 - Working Groups
 - Project Delivery
 - Safeguards & Security
 - Training
 - Waste Management
 - Safety
 - Engineering Practices Subgroup (EPSG)
 - » Fire Protection Task Team
 - » Welding Task Team
 - » Pressure Safety Task Team

Fire Protection Task Team

- **Chair**

- Julie Cordero (April 2015 – Present)

- **Membership**

- 99 on e-mail distribution

- **Meetings**

- Telecon (4th Wed of each month, 12 – 1 PM MST)
 - 15 – 20 attendees (Contractors, Feds, DNFSB)
 - Meeting minutes are posted to the EFCOG website, <http://efcog.org/safety/engineering-practices-subgroup/fire-protection-task-team/>

EPSG Task Report

- **Form a Start-up Testing/Commissioning Task Team**
- **Development, revision and implementation of DOE standards**
- **Share Lessons Learned, Current Emerging Issues, Training, and Best Practices**
- **List of Engineering subject matter experts (SMEs)**
- **Conduct Monthly Topical Fire Protection Teleconference Calls**
- **Form Joint Contractor/DOE Team to Review Fire Protection codes and standards**
- **Develop 2 Welding Best Practices**

Fire Protection SMEs

- **DELIVERABLE:**
 - SME list posted to the EFCOG website
- **ACTION:**
 - Validate Membership
 - Review/Correct Contact Information

Membership

- **Full Membership (\$6,000 annually)**
 - All DOE prime management contractors or their integrated subcontractors
- **Associate Membership (\$3,000 annually)**
 - Any organization that supports a DOE prime contractor as a subcontractor, vendor or consultant, providing they meet the following criteria:
 - The company can provide an employee who will make a beneficial technical contribution to a specific working group; and
 - The company has full approval for membership from its sponsoring DOE prime contractor organization
 - Eligible for all benefits, but not eligible to serve on Board of Directors
- **Small Business Associate (\$1,000 annually)**
 - Any organization that meets the DOE standard requirements for small business designation. Members are eligible for all benefits, but are not eligible to serve on the Board of Directors. Companies must provide documentation of their small business status as part of their application.

FY17 Monthly FP Teleconferences

- **DELIVERABLE:**

- SME list posted to the EFCOG website

- **ACTION:**

- Participate in the monthly teleconference calls

- NFPA 801 proposed changes [Mar 2017]
- Fire Safety Committee Charter [Feb 2017]
- Container Fire Testing [Jan 2017]
- Fire Prevention Week Activities [Nov 2016]
- Draft DOE O 420.1C Chg 2 [Nov 2016]
- Fire Extinguisher ITM & Variance/Equivalency [Oct 2016]
- Testing Fire Barriers and Penetrations [Sept 2016]

Codes/Standards Review Effort

- **DELIVERABLE:**
 - Form a team of Contractors and Feds
 - Pilot review of 1-2 Codes/Standards with documentation
- **ACTION:**
 - Volunteer to participate
- **Pilot reviews of 26 NFPA Codes/Standards in process**
 - Pilot reviews were due April 24th
 - Reps from 13 sites are participating
 - A guidance document and template was developed to establish a standardized approach

Highly Protected Risk (HPR)

- Draft whitepaper on HPR
- Possible Outcomes:
 - Best Practice
 - Incorporated in DOE-STD-1066, *Fire Protection*

Future Best Practices

- **Future Best Practices**
 - **Joint-Contractor Review of Codes/Standards**
 - **HRP**
 - **Self-Assessments**
 - **Reliability Centered Maintenance Concepts**
 - **Fire Protection Assessment Frequencies**
 - **Hybrid Water Mist**
 - **Program Health Report**

Fire Safety Committee Rep

- 1 EFCOG Fire Protection Task Team Representative

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Thank you!