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| January EFCOG Fire Protection Task Team Meeting Minutes |
| 1.25.2017 | 12:00 MST | Skype Meeting / 505-844-5300 |
| Meeting called by | Julie Cordero, Chair |
| Type of meeting | Monthly Meeting |
| Facilitator | Julie Cordero |
| Note taker | Julie Cordero |
| Timekeeper | N/A |
| Attendees | Mark Rosenberger, Allan Coutts, Mike Cates, Ryan Lehnert, Brett Kujath, Chuck McNight, Randy Lanham, Rich Lewis, Brian Sackett, Harvey Goranson, Jim Bisker, Darwin Damba, Ray Sprankle, Jake Greenwell, Taryn Couchman-Cates, Kyle Morrison, Chuck March, Jessy Innocent, Tom Allison, Joe Terranova |
| Action Item Review |
|  | Julie Cordero |
| Discussion | Status update |
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| Conclusions |  |
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| Action Items | Person Responsible | Deadline / Status |
| Confirm membership of all individuals on distribution and provide non-members the option to join. Non-members not wishing to join will be removed from the distribution. | Julie Cordero | On-going |
| Reminder: Multiple documents have been posted to the Repository (i.e., Delegation of Authority Letters, Equivalencies and Exemptions, Applicability Matrices for DOE O 420.1C, DOE-STD-1066-2012 and DOE-STD-1020-2012, NFS-16 presentations), [http://hqlnc.doe.gov/eh/Fire+Protection.nsf/hp?OpenForm](http://hqlnc.doe.gov/eh/Fire%2BProtection.nsf/hp?OpenForm). Login uses first and last name (e.g., Jane Doe). Verify member information is correct. Send Jim Bisker an e-mail at Jim.Bisker@hq.doe.gov so he can reset your password, if needed. | All | On-going |
| Volunteer for a joint-Contractor review effort of codes/standards. Note: Rich Lewis, Mike Vaughn, Mike Cates, Darwin Damba, Frank Broidy and Virgil Rankin have already volunteered.  | All | On-going |
| Provide a list of robust SNM containers for which empirical fire testing results may be useful. Send to Ray Sprankle, SRNS, N&CSE, Ray.Sprankle@srs.gov, 803-557-9470 or Rob Plonski, Robert.Plonski@srs.gov. | All | On-going |
| Send Hanford’s ITM Standards document to the EFCOG FP Task Team distribution. | James Collins | TBD |
| Reach out to the NFPA POC regarding the call for data to calculate failure ratesStatus: an e-mail inquiry was sent to sandbox@nfpa.org on 9/28/16; response is pending | Julie Cordero | TBD |
| Post INL equivalencies regarding ITM frequencies to the RepositoryStatus: log-in issues | Mike Cates | ECD: 2/22/17 |
| Share documentation related to Fire Barrier ITM Programs, inspection forms, checklists. They can be-emailed to Julie Cordero for distribution. | All | TBD |

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| Joint-Contractor Review Effort of Codes/Standards |
|  | Rich Lewis |
| Discussion | Status Update |
| 13 sites have committed to participate. The list of codes/standards and a guide were sent out and some feedback was received. The Pilot will include 24 codes/standards which will be ~2 review/site. Lessons learned will be reviewed before full roll-out. There are ~180 codes/standards on the list.  |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
| Track status in EPSG Task Report | Julie Cordero | On-going |
| Highly Protected Risk (HPR) |
|  | Jake Greenwell/Dave Greer |
| Discussion | Status on “HPR” white paper |
| The draft is ~50% complete. Tom Allison and a small group from SRS reviewed and is working on the next steps for the document (graded approach). There will be 3 main elements with sub-components: design, program, ER. |
| This may become a Best Practice. |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
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| DOE O 420.1C Chg 2 / DOE-STD-1066 Status |
|  | Jim Bisker  |
| Discussion | Status |
| STD-1066 was published in December. Order 420.1C Chg 2 was sent via fast-track. The Directives Review Board (DRB) is awaiting the new Sec. of Energy before acting on it.  |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
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| Fire Safety Committee |
|  | Jim Bisker |
| Discussion | Status |
| Jim met with the DOE Fire Protection Engineers and management. The intent is to streamline the committee; DOE FPEs, EFCOG Fire Protection Task Team representative (non-voting) and ER Group representative (non-voting). Should DA or DNFSB have representation? Per Chuck March, DNFSB would just observe.  |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
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| Upcoming Meetings |
|  | Jim Bisker / Julie Cordero  |
| Discussion | Nuclear and Facility Safety Workshop (NFS-17), Fire Safety TrackEngineering Practices Subgroup (EPSG) meeting |
| Nuclear and Facility Safety Workshop (NFS-17), Fire Safety Track, May 1-7, 2017, Alexis Park Hotel, Las Vegas, NV; Wed 1/2 day, Thurs All DayA notice will be sent out once the Registration site is openSend Presentation Abstracts to Jim BiskerThe agenda is still being formed; Rob Plonski may be setting up a tour.2-3 training opportunities will be available on Mon and Tues |
| Engineering Practices Subgroup (EPSG) meeting, 4/25/17 and 4/26/17 (Tues am–Wed noon), Washington, D.C., Forrestal Building.There are no fees to attend.  These meetings have been approved conference policy exempt (operational, event ID# 36685). |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
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| Additional Discussion Items |
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| Discussion | LANL’s Code of Record Process Determination 3D PrintersDirectoryContainer Fire Testing at Sandia National Laboratories |
| LANL’s Code of Record Process Determination is a section in the Engineering Service Manuals. Unclear if it can be shared. |
| A 3-D printer fire occurred at LANL in December. A sprinkler head was activated. Investigation is on-going. The ORPS notification can be shared. |
| Jim Bisker stated there was a glitch on the listserve and there’s a temporary fix. There is a meeting with AU-70 next week; the function of the Directory should remain the same (e.g., name, contact info), but there will be a pull-down for selecting a company name. The EFCOG Engineering Practices Subgroup (EPSG) has an Open Task for FY17 to develop a list of SMEs. It would be beneficial to also identify which committees (e.g., NFPA) that individuals belong to.Jim Bisker’s past experience is that maintaining a list of NFPA membership is a nightmare. |
| Per Ray Sprankle, a sub-contract is in place to test containers at Sandia National Laboratories. It’s a $120,000 sub-contract where tests can be performed over the next year and a half. Funding for the tests and containers (from vials up to drums) is still needed.  |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
| Send 3D Printer Fire ORPS Report | Brian Sackett | Complete – sent 1/25/17 |

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| Review of Proposed Topics for Future Meetings |
|  | Julie Cordero |
| Discussion | Proposed topics (from the Jan 2015 survey, requests to Chair via e-mail, meetings):* Review of Office of Enterprise Assessments Lessons Learned from Targeted Reviews of Fire Protection Programs at DOE Nuclear Facilities (8/7/15) recommendations for all sites across the DOE Complex, <http://energy.gov/ea/services/assessments/environment-safety-and-health-assessments/review-reports>
* Fire Safety & Evacuation Plans
* RCM (e.g., Fire Extinguishers)
* Gloveboxes (e.g., suppression options, utilization of non-combustible materials)
* Management of Combustible Loading (i.e., guidelines/thresholds, how combustible materials are quantified so that operations personnel can determine compliance with combustible loading requirements)
* Tritium Exit Signs (e.g., who uses them, replacement, disposal method)
* Fire Dynamics Simulator (e.g., who uses FDS, are results used to support a technical position or an engineering judgement)
* Chemical Management
* Halon Removal Efforts
* Program Performance Metrics
* Tenability Standards for Performance-Based Design
* Fact Sheet on Fire Protection Considerations with Green Building Design
* Innovative R&D
* NFPA 801 (i.e., limited combustible construction conflict with DOE-STD-1066)
* \*NEW: NFPA 13 Dry Pipe Systems – Nitrogen Systems
* Legacy Issues with Facilities that have an Unknown COR (e.g., Non-Compliance with NFPA Codes and Standards)
* 2015 NFPA 101, 13.7.6.1, requirements for crowd managers in Assembly Occupancies
* Positive Accountability for Evac Drills
* As-built Drawings
* VTR/SCIF Locksets
* IFC vs. NFPA vs. DOE-STD-1212 Maximum Allowable Quantities
* NFPA 72 communication modes for panels (Sec. 26.6.4.1.4) (Lead: Richard Lewis)

Topics discussed in past meetings:* Acceptance Testing of New Emergency Lights (i.e., post maintenance test requirement when emergency lights are replaced) [July 2015]
* Glycerin Anti-Freeze Change-Out [Oct 2015]
* Underground/Subterranean Facilities (Lead: John Kubicek) [Nov 2015]
* Review/documentation of newly published codes/standards for implementation [Dec 2015]
* AHJ Delegations & Impact on Contractors (Lead: John Saidi) [Mar 2016]
* ITM at Leased Facilities (Lead: Mike Cates) [May 2016]
* NFPA 72 PB Alternative for Visual Notification Device Heights (Lead: Josh Herrera) [Sept 2016]
* Container Fire Testing (Lead: Ray Sprankle) [Sept 2016]
* Testing Fire Barriers and Penetrations [Oct 2016]
* FPE Staffing Needs Analysis [Oct 2016]
* HPR [Nov 2016]
* Fire Safety Committee [Jan 2017]
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| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
| E-mail proposed topics to Julie Cordero with a reference to “EFCOG” in the Subject Line | All | On-going |
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