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| October EFCOG Fire Protection Task Team Meeting Minutes |
| 10.28.2015 | 12:00 MDT | Lync Meeting / 505-844-5300 |
| Meeting called by | Julie Cordero, Acting Chair |
| Type of meeting | Monthly Meeting |
| Facilitator | Julie Cordero |
| Note taker | Julie Cordero, Josh Herrera |
| Timekeeper | N/A |
| Attendees | 21 (Rob Plonski, John Kubicek, Rich Lewis, Randy Lanham, Frank Broidy, Harvey Goranson, Brandon Troc, Allan Coutts, Dave Greer, Neal Hara, James Collins, Mark Wright, Cory Stolworthy, Jake Greenwell, Robert Nii, Darwin Damba, Josh Herrera, Daniel Garcia, Nolan Baker, Tomas Sanchez, Julie Cordero) |
| Action Item Review |
|  | Julie Cordero |
| Discussion | Status update |
| 6 individuals were removed from the distribution (e.g., non-members, old POCs, retirees); Many have yet to confirm EFCOG membership. |
| 2 Test Lync meetings were scheduled; several sites are still experiencing issues with the Lync meeting and will need to attend via telephone only. At least one site that was experiencing issue was able to successfully attend via Lync. |
| The master list of Sandia exemptions and equivalencies is available.  |
| EFCOG Task Team Chair position nominations were due 10/27/15. Charlie Kronvall will likely still accept any nominations, so send them in ASAP. |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
| 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 |
| Post master list of Sandia exemptions and equivalencies to Repository | Josh Herrera | 11/30/15 |
| Post Sandia ITM equivalency to Repository | Daniel Garcia | 12/15/15 |
| Provide NFPA 4 comments to Bruce Campbell | All | 11/15/15 |
| Add other universities to the spreadsheet (University of Tennessee, Eastern Kentucky University) and post to Repository | Josh Herrera | Nov meeting |
| Status of Chair position election (via electronic means). | Charlie Kronvall | Nov meeting |
| Operating Experience (OE) Level 3 NRC Notice: Antifreeze Agents in Fire Water Sprinkler Systems |
|  | Daniel Garcia |
| Discussion | The OE Notice was issued in October |
| NFPA issued TIAs for NFPA 13 and NFPA 25 several years ago. Information in OE notice concerns both new and existing sprinkler systems. The thresholds vary based on the type of system. Exceeding thresholds requires replacement of anti-freeze solution. Pre-mix is available, but no listed solutions are known to be manufactured to date. Sandia National Laboratories has 52 anti-freeze loops. Rich Lewis at SRS also reviewed the TIAs a few years ago. Jake Greenwell presented on this topic at the Fire Safety Workshop back in May. H |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
| Provide a copy of the Antifreeze Presentation | Jake Greenwell | Nov meeting |
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| DOE-STD-1066 Revision Status |
|  | Julie Cordero/Jim Bisker |
| Discussion | Status updateHas anyone submitted comments to Jim Bisker?Task Group interest? |
| A DOE Fire Safety Committee Meeting was hosted by Jim Bisker on 9/8/15. The DOE STD-1066 Draft needs to be ready by mid-December for Committee review. Writing teams, along with a few leads, were identified:1. Editorial Revisions - Bisker(L), Allison, Plonski, Landmesser 2. Definitions (including MPFL methodology ) – Plonski (L), Damba 3. HEPA filtration/gloveboxes – Harvey Goranson (L), Rob Plonski4. Underground Facilities – Landmesser(L), SWG working group members (~11 members; meeting scheduled for week of 11/16 to review Draft)5. BNA and O151.1C Coordination – Smith(L), Masters, Saidi, Stachelski – Note that Bill Froh will be the O151C Contact point 6. Exemptions and Equivalencies – Farello (L) 7. Wildland Fire Guidance – Bisker (L), Couchman-Cates, Streit 8. Leased Facilities Guidance – Cates (L), Cordero, Saidi 9. NFPA preferential guidance – Saidi (L), Freels 10. FHA Review – Allison (L)   |
| Clarifications may be needed for General Service Facilities (dorms, cafeterias, office buildings) requirements with regard to Fire Protection Assessments; comments have already been sent to Jim Bisker on this.Jim Streit stated, via e-mail, that LANL is working to provide comments on the Wildland Fire Management topic. |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
| Email Jim Bisker if you would like to be added to a specific Task Group. | All | ASAP |
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| Missing Ceiling Tiles |
|  | Julie Cordero |
| Discussion | What approach do sites take for missing ceiling tiles (e.g., during building modifications) |
| Sandia’s approach:1. Replace missing ceiling tiles at the end of each work day, unless the deck has sprinkler protection as well
2. Utilize fire retardant grade plastic (e.g., Visqueen) to cover the areas with missing tiles
3. Rotate the sprinklers to the deck (typically only for large areas that are planned to have the ceiling out for an extended period of time)
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| Rich Lewis stated that at SRNS, if the ceiling tiles cannot be replaced, tthe system is impaired (based on number of ceiling tiles missing) with compensatory measures (e.g., periodic fire patrol). SRNS has a Fire Protection Pre-Approved Compensatory Actions Guide that can be shared.Jim Streit stated, via e-mail, that LANL’s approach is to to cite them as needing to be replaced if observed during assessments, FHAs, etc. These can result in an impairment to the sprinkler system under the program if a large number are missing – 10% in a given 1,500 ft2 with no sprinklers above (which is ~ eighteen 2x4 ft tiles). The 10% of 1,500 ft2 is an arbitrary value used relative to defining an impairment.  |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
| Provide a copy of the SRNS Pre-Approved Compensatory Actions Guide. | Rich Lewis | Nov meeting |
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| NFPA Self-Guided Online Courses |
|  | Julie Cordero |
| Discussion | Has anyone taken the online courses offered by NFPA? |
| Julie Cordero recently completed the NFPA 25 self-guided online course and has completed 5 of the 6 modules for the NFPA 72 course. They are an inexpensive alternative to attending a live course. There are minor issues with the electronic delivery, but the content is good and the tests at the end of each module ensure the material knowledge is reinforced.  |
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| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
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| Review of Proposed Topics for Future Meetings |
|  | Julie Cordero |
| Discussion | Proposed topics (from the Jan 2015 survey and others recommended via e-mail or at July meeting):* 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)
* Underground/Subterranean Facilities (Lead: John Kubicek) [Nov Agenda; postponed from Oct]
* Management of Combustible Loading (i.e., guidelines/thresholds, how combustible materials are quantified so that operations personnel can determine compliance with combustible loading requirements)
* Acceptance Testing of New Emergency Lights (i.e., post maintenance test requirement when emergency lights are replaced)
* 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
* FPE Staffing Needs Analysis
* Halon Removal Efforts
* Program Performance Metrics
* Tenability Standards for Performance-Based Design
* Fact Sheet on Fire Protection Considerations with Green Building Design
* Glycerin Anti-Freeze Change-Out
* Innovative R&D
* NFPA 801 (i.e., limited combustible construction conflict with DOE-STD-1066)
* ITM at Leased Facilities (Lead: Mike Cates) [Sept Agenda]
* \*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)
* Review/documentation of newly published codes/standards for implementation
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| Conclusions | Several items were ‘hidden’ in the Agenda version of this document (i.e., ITM at Leased Facilities, NFPA 13 Dry Pipe Systems, Legacy Issues). Additionally, a new topic was added. |
| NV recently received the final copy of the OE Assessment for that site. Several sites agreed that the assessments are ‘in the weeds’. Many drivers were not identified and corrective actions are challenging to define (e.g., enhance relationships).  |
| Neal Hara is on the NFPA 801 Technical Committee. Neal and Robert Nii will review the limited combustible construction requirements off-line. |
| Action Items | Person Responsible | Deadline |
| Identify leads for topical discussions  | Julie Cordero | On-going |
| Mike Cates will present on what his site is doing in reference to “ITM for Leased Facilities” at the September meeting | Mike Cates | TBD - postponed |
| Additional Discussion Items |
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| Discussion | Various topics were discussed |
| Jim Landmesser is leaving DOE |
| The SNL FPA template was modified and is being used by another site (NV?) |
| A brief overview of Sandia’s master list of Exemptions and Equivalencies was provided by Josh Herrera. SRNS has 400+ equivalencies and exemptions. Rich Lewis would like to have further discussions with Sandia.DOE STD-1066, Table 5.1 may have revisions. This team should review those proposed changes closely to determine impact. |
| The NV Field Office is getting pressure to have equivalencies sent to HQ for approval. No other sites expressed that this we being done.  |
| NV has AHJ letters for many areas (e.g., electrical, pressure safety) |
| Due to scheduling and the Thanksgiving holiday, the Nov and Dec meeting will be combined and scheduled around the 1st week of Dec)  |
| Conclusions |  |
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| Action Items | Person Responsible | Deadline |
| Provide AHJ letters | John Kubicek | TBD |
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