EFCOG Monthly Meeting

February 19, 2020

**Spring agenda:**

* Discussion was raised regarding the 414.1X breakout discussions to be help Wednesday morning.  Christian felt ***removing*** the term “nuclear” was a stronger than he had intended.  Instead, he would like to bring nuclear-safety software into right-sized relation to other software of importance.  All software should follow the 10 QA Criteria with nuclear (or safety in general) software needing to do just a little bit more.  He would like us to wrestle with how to better define and level all that.
* It was suggested that each of the breakout session leaders put together a quick/short synopsis of their topic.  We would send these out prior to the Face-to-face and spend a few minutes before breaking into groups on the 1st.  This will allow members to better pick the topic in which they would like to participate.

**1st Toolbox Qualification Assessment:**

* The ResRad assessment will now take place in late summer.
* ResRad is an application that can model habitability of an area once filled with a nuclear/radiological facility.  For instance, once the old, contaminated building has been removed, is it safe/advisable to rebuild in that location or even modify the old building.
* The team will be comprised of various subject matter experts, including volunteers from the EFCOG SQA group
* Justification for your site to pay for your time and travel while participating in one of these assessments:  You can better coach teams within your own organization on what is needed/expected for a Toolbox qualification.  It also allows us to better standardize how we do assessments within our own organizations

**Task Group Updates:**

*Inadvertently, there were two WebEx meeting announcements sent out this month.  Therefore, many of our members called into the other meeting.  Apologies to all who were affected by this.  We will work to make sure this is rectified before the next WebEx.*

* Toolbox Qualification Recommendations – the group is adding purpose, scope, introductory information to each recommendation, and a conclusion to the recommendations.  A draft is expected to be sent out for EFCOG review just before the Spring meeting.
* No report on SW Checklists
* EFCOG Zip File – The zip file has been vetted by the group and files of interest (e.g., Software related) have been added to the EFCOG SQA web page under Software Documents à Archive Pre-2015.  There are files related to NQA-1, white papers and guidelines, and a history of the SQAS group (the predecessor of the EFCOG SQA group)
* No report on the SQA Strategic Planning
* SCRUM to Work Activity Mapping – The NQA-1 software subcommittee is also creating a similar mapping.  Kary Cook is heading up the NQA-1 effort.  Stella will work with Kary to determine which group would be best to tackle this issue.  Most likely, we will let the NQA-1 group do this and close out our subtask.
* Cloud-based Hosting – Russell has put together an outline on what the guide will cover.  He is hoping to have a first rough draft by the Spring meeting.
* Configurable Devices – The group has been defining the scope of their task – what to include and what to cover.  Next they will begin working on the guidance.  It was suggested they review the white paper on Firmware the SQA group published last year, so this discussed some aspects of configurable devices as part of that paper.
* SW-Effecting Orders Matrix – A draft matrix has been created.  The group will review and refine this for the Spring meeting.

**Definition of Software:**

* The group’s preliminary definition and thoughts on scope were presented to the group.
* Christian discussed the idea of broadening the wording of the 10 QA Criteria to better encompass software so that software isn’t an add on or separate attachment.  For instance, Criteria 7 talks about Procurement and has three sub-bullets – could we add a fourth bullet to cover software at a high level.  This might become another breakout group or discussion topic at a future meeting.
* Concern was raised that the information presented was more than a definition of software.
* How can we modify the scope of the order to include all important software, not just nuclear/radiological, while not getting down in the weeds or having to add in exemptions?
* Kristy asked that everyone who is coming to the Spring meeting bring the definition of software their site uses so we can find commonalities.  Please email your definitions to Marylou Apodaca ([marapod@sandia.gov](mailto:marapod@sandia.gov)) before the meeting so the task group can discuss.

Attendance:

Vicki Pope, LLNL Cristy Renner, Fluor-BWXT  
Steve Mahnesmith, SNL, Marylou Apodaca, SNL  
Faith Girolamo, SRS Jim Hylko, Four Rivers  
Todd Billings, Bechtel Lisa Cooper, PDGP  
Rachel Hill, Bechtel Terry Scoggins, ORNL  
Greg Pope, LLNL Veronica Camarillo-Morris, LANL  
Lance Abbott, SRS Stella McKirdy, INL  
Pat Nakagawa, CNS Carol Olijar, ANL  
Jeni Turgeon, SNL Derrek Michaels, Hanford  
Patrick Auer, LLNL Dave Thoman, Amentum  
Sid Ailes, Atkins Global Christian Palay, AU-32  
Tom Bundy, ORNL Gladys Udenta, NNSA