

## **EFCOG SQA Monthly Meeting Notes and Attendance**

May 19, 2021

\*Notes are by Agenda item for meeting.

\*\*See presentation deck for each Agenda item information shared/reviewed with group.

### **Safety/Security Moment**

None.

### **Announcements and Updates:**

None.

### **Discuss and Volunteer for Site Presentations at Future WebEx Meetings**

- May share anything, does not have to be specifically tied to SQA.
- Purpose is to generate new ideas, share more info.
- Each presentation is 15 minutes, plus 5 minutes for questions.
- Schedule will be posted at Box site, and EFCOG SQA website.
- Sign-up for date with topic by sending info to Vicki.
- Looking for people to sign-up is ongoing, throughout the year.
- Sites/People who signed up for at the meeting in Chat:
  - Denise Fast of Bechtel for **August**.
  - Christy Renner of SRS for **September**. Topic: Software Gone Wrong, sort-of like the Pipeline Hacking incident examples, etc.
  - Lance Abbott of SRS for **September**.
  - Terry Scoggins of ORNL for **October**.

### **New EFCOG SQA Leadership Position**

- Vicki Pope asked that we have the new Meeting Coordinator identified before first week of June, so by 6/1/21.
- Chair and Vice Chair, share load of WebEx's.
- Leadership Duties Balance
  - Donna Riggs stated in Chat: Looks like a lot of thought went into this – good to provide structure and expectations.

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### Task Group Updates & Members

- NEW: Internet of Things White Paper (Orlando Ferrer, WRPS, Leader)
  - No update provided.
- NEW: Testing Spreadsheets White Paper (Greg Pope, LLNL, Leader)
  - Spring action items to pursue until next meeting.
  - Came up with Spreadsheet Testing Checklist. Laura Cook revised. Rest of team is reviewing it. Will have for future presentation.
  - Roger Ailes is leading task of white paper. Various people on the team are writing different sections of it.
  - Group thinking about “Why do we assume spreadsheets are correct?” Came up with 6 reasons, could be more.
  - Spreadsheets have double the error rates of regular software.
  - James Alcode is working on white paper. Lots of good work is being collected by the group, to go into this white paper.
- NEW: Toolbox Alternatives (Pat Auer, LLNL, Leader)
  - First time this group met was at spring meeting. We had good discussions at the breakout sessions there.
  - We defined issues. Goal is to develop white paper by the end of the year.
  - We are also working on action steps, to move forward with solutions.
  - Nuclear safety group developed a survey of the Benefits of the Toolbox. Forwarded it to Chris Beaman. It described extensive use of toolboxes across the complex, such as Max code which is used by 11 sites. Shared this with Au-32, and Au-30.
  - Question considering, “Did that survey provide enough information?”
  - Action Item: There was management assessment report done in 2018, which notes the deficiencies with the toolbox. Reviewing this report, discuss findings at next week’s group meeting.
- Software Standards and Orders (Cristy Renner, Fluor BWXT, Leader)
  - **Need people who offered to look at documents for July meeting.**
  - Will add documents related to IEEE for spreadsheets.
  - Donna Riggs is doing working on project for DOE right now, but offered to help later on.
  - Coming close to conclusion on this project. This document will be living spreadsheet.
  - This spreadsheet is at EFCOG SQA Box folder.
  - Plan to develop white paper for it by August as goal.
- Definition of Graded Approach (Lance Abbott, SRS/Jeni Turgeon, SNL, Co-leaders)
  - Jenni Turgeon, is finishing up on the white paper, plan to send out by end of week, present at future monthly meeting.
  - Will let Vicki know when it is good to go, for her to review.
- Cloud-based Hosting White Paper (WHITE PAPER IN DRAFT)
  - No update provided.

\*\*\*Vicki noted there is an end to being on task groups, when the task is completed.

Denise Fast was added to Testing Spreadsheets task group.

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### Upcoming Events of Interest

- Next Meeting: Wednesday June 16, 2021 @ 1:00 pm PST.

### Next Steps

- Organizational Excellence
  - Christian Palay mentioned there was a DOE virtual workshop panel to Spencer Daw last week, discussing the CGD, and the info on the meeting is at the Organizational Excellence website.
  - The Organization Excellence is an opportunity for multiple disciplines get together to talk about things to people; they do not usually talk to.
  - Christian is working on plan for 2022 workshop, and it can include contractors.
  - SQA is one of the topics that keeps Christian up at night.
  - Suggestion: post ideas on org excellence, then can have panel review.
  - Great channel to share practices, huge win for sites and DOE.
  - Workshops on more than nuclear safety. Other safety. All quality. There is:
    - Biological safety.
    - Environmental safety.
  - The DOE Order focuses on radiological safety.
  - Donna Riggs suggested the Organizational Excellence topic be covered in June or July meeting.
  - Chris Beaman said he could present on Revcom process in **June**, and cover organizational excellence website too.
- EFCOG Website
  - There have been changes to the EFCOG website.
  - Under Software QA, the files have been posted from spring meeting, includes minutes and attendance for joint session; as well as presentations. The files are also at the SQA Box site.

### Attendance:

If anyone attended this meeting, but does not see their name on the list on next page, please contact Vicki Pope ([pope13@llnl.gov](mailto:pope13@llnl.gov)).

Chair: Vicki Pope ([pope13@llnl.gov](mailto:pope13@llnl.gov))

Vice Chair: Teri Vincent ([teri.vincent@cns.doe.gov](mailto:teri.vincent@cns.doe.gov))

Secretary: Carol Olijar ([cschultz@anl.gov](mailto:cschultz@anl.gov))

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First Name	Last Name	Site
2024****24		??? Need contact info for this attendee.
2533****85		??? Need contact info for this attendee.
Lance	Abbot	SRS
Gregory	Baker	NNSA
Chris	Beaman	HQ AU-32
Todd	Billings	Bechtel
LaMesha	Brown	??? New to group, need site and contact info
Colby	Carter	WIPP
Evgueni	Chnyrenkov	Y-12
Laura	Cook	LLNL
Mary	Curtis	FNAL
Lincoln	Djang	WIPP
Denise	Fast	Bechtel
Faith	Girolamo	SRS
Cliff	Glantz	PNNL
Sarah	Hartson	NNSA-LFO
James	Hylko	ORNL/Isotek Systems
Eric	MacEwen	KCNCS
Steven	Mahnesmith	SNL
Carl	Mazzola	LANL
Stella	McKirdy	INL
Jacob	Miller	DOE/Office of Enforcement
Jenna	Neal	NNSS
Carol	Olijar	ANL
Christian	Palay	DOE AU-32
Greg	Pope	LLNL
Vicki	Pope	LLNL
Cristy	Renner	PORTS
Donna	Riggs	Riggs Consulting
Michael	Russell	ORNL
Jackie	Salazar	LANL
Sandra	Schindler	SNL
Terry	Scoggins	ORNL
Dave	Thoman	Amentum
Al	Zuckero	SRS

\*Sorted by Last Name, First Name.