

from Marylou Apodaca to everyone: 9:36 AM

Electronic Digital Devices

from Marylou Apodaca to everyone: 9:40 AM

Maybe we should raise our hands when we want to talk?

from Ellen Clark (privately): 9:41 AM

Cristy Renner is on the call.

from Teri Vincent to everyone: 9:45 AM

raising hands would be great but with my view....it doesn't show - would you volunteer to watch for hands and speak up when you see one?

from Don McKinstry to everyone: 9:50 AM

Comment-I was concerned that there appeared to be no confidence in the industry testing and verification process of electronic devices,.

from Ellen Clark to everyone: 9:53 AM

I would like more information also to present to our site project

from Ellen Clark (privately): 9:55 AM

740-897-4535 Portsmouth Conference Room

from Charlie to everyone: 9:56 AM

Charlie = Charlie Givens

from Greg Pope (privately): 9:56 AM

Can you enable me for sharing, thanks Greg

from Ward to everyone: 9:57 AM

Ward Best

from Charlie to everyone: 10:05 AM

<https://www.ecfr.gov/current/title-14/chapter-I/subchapter-C/part-21>

from Patrick Auer to everyone: 10:10 AM

<https://www.epri.com/research/products/1008256>

from Veronica Camarillo-Morris to everyone: 10:11 AM

Could I have a copy of this presentation? I would like to read through teh material

from Veronica Camarillo-Morris to everyone: 10:11 AM

the*

from Pope, Vicki L. to everyone: 10:19 AM

At LLNL we have a graded approach within our non-safety software category. Higher-risk non-safety software is held to a higher standard - very close to our safety software. Likewise, we have grading within our safety software category. Higher-risk safety applications are held to more and more strenuous SQA practices

from Pope, Vicki L. to everyone: 10:20 AM

Sorry, my microphone is not working today

from Tobin Oruch to everyone: 10:22 AM

Vicki, can always call in via phone. Go to Meetong tab, then Information to get tell # and code

from DeAnna Robinson to everyone: 10:23 AM

Production Agency SQA team member at LANL. We have a similar process to what Vicki mentioned. However, our procedure includes a matrix of required artifacts for each grade. Gives the customer and management a better understanding of what is required.

from Pope, Vicki L. to everyone: 10:23 AM

The way "safety" software is currently defined in DOE O 414 is safety-related software used in a nuclear or radiological facility. That is the reason LLNL has grading in both safety and non-safety software categories.

from Ellen Clark to everyone: 10:24 AM

The DOE Software Guide 414 Safety

from Pope, Vicki L. to everyone: 10:24 AM

The non-safety applications at LLNL that can kill or hurt someone (e.g., biological, chemical, etc) must meet the practices equivalent to our safety software SQA program minus being on our Safety Software inventory.

from Charlie to everyone: 10:25 AM

I am the current NQA-1 Chair and I am interested in this discussion. So when the meeting occur please invite me. We can discuss some of the details that Donna is noting and that Corwin is noting. This will give us some clarity.

from Charlie to everyone: 10:25 AM

NQA-1 SQA Chair that is...

from Teri Vincent to everyone: 10:25 AM

sounds good Charlie

from Ellen Clark to everyone: 10:26 AM

Cristy - Safety as it relates to Safety Significant Components from your Safety Basis documents in the DOE Software Guide

from Tom Barsz to everyone: 11:34 AM

Does it make sense to get a home VPN, since many of us are telecommuting and are connecting our computers to our organization's networks?

from Marylou Apodaca (privately): 11:38 AM

Carol, do I need to copy the chat for you at the end of the day?

from Lincoln Djang to everyone: 11:38 AM

This was an absolutely excellent presentation!

from Carol Olijar to everyone: 11:39 AM

was the caption testing text scrpt.

from Carol Olijar to everyone: 11:39 AM

I can copy the chat text.

from Nathaniel Hein to everyone: 11:39 AM

Well-presented and highly informative, Greg. Thank you!

from Tom Barsz to everyone: 11:44 AM

Do software applications need cybersecurity requirements if they are used inside of the Laboratory's firewall?

from Tom Bundy to everyone: 11:46 AM

Charlie, that's my question too. You just stated it better. Thanks.

from Donna Riggs to everyone: 11:47 AM

I also had problems with that "ensure no malware is present" requirement!

from Marylou Apodaca (privately): 11:48 AM

I hope I didnt come across as rude

from Marlene Underwood to everyone: 11:48 AM

I am also interested in the overlaps of SQA and Cyber in in-house developed and COTS software. For example in the requirements docs, include Cyber requirements - EOL monitoring, patching expectations, etc), software receipt inspection (non-safety), cyber reviews before purchase, CIS or DISA benchmark scoring, encrypting traffic and passwords, contingency planning)

from Marlene Underwood to everyone: 11:52 AM

Also, my SQA team needs to include the network and cyber applications, so the need SQA Implementation Plans.

from Charlie to everyone: 12:00 PM

I think there are requirements that need to have policies and procedures and they must be enforced. For example, if we have a baseline that is not being managed properly then we have a quality problem. Also, it required a collaborative environment among all functions and organization involved (engineering, IT, security, safety, management, etc).

from Charlie to everyone: 12:02 PM

Thank you Teri, and Everyone. I look forward to the two meetings. I have to drop now.

from Teri Vincent to everyone: 12:45 PM

depends on what you mean by ISS software

from Teri Vincent to everyone: 12:45 PM

cyber tools yes

from Teri Vincent to everyone: 12:45 PM

even skype

from Teri Vincent to everyone: 12:45 PM

but development software is not required....but the product developed from the tool is

from Teri Vincent to everyone: 12:46 PM

we have one db for both Y-12 and Pantex

from Carol Olijar to everyone: 12:49 PM

What might be nice is if some labs would be willing to share their cyber security SQA procedures, plans, forms/templates for best practices discussion by group at our next meeting. I would be interested to see LLNL's.

from Teri Vincent to everyone: 12:49 PM

software for monitors, computer peripherals, etc

from Marlene Underwood to everyone: 12:51 PM

lol

from Nathaniel Hein to everyone: 12:51 PM

You're doing a good job, Teri.

from Lincoln Djang to everyone: 12:51 PM

This is an excellent meeting! Thank you, Teri

from Teri Vincent to everyone: 12:54 PM

glad you are enjoying Lincoln :-)

from keith nmorrell to everyone: 12:57 PM

NITSL NUclear Information Technology Strategic Leadedrship NITSL.org they have subcommittees on Cyber and one on Software plus a couple others.

from keith nmorrell to everyone: 12:59 PM

The Nuclear Information Technology Strategic Leadership (NITSL) group is a nuclear industry group of all nuclear generation utilities that exchange information related to information technology management and quality issues. NITSL is an organization that brings together the leaders in the nuclear utility industry and regulatory agencies to address the issues involved with information technology used in nuclear-powered utilities. NITSL maintains an awareness of industry information technology-related initiatives and events, and communicates those events to the membership.

Our Vision

The Nuclear Information Technology Strategic Leadership organization, as an INPO Topical Area, provides a forum for leadership and strategic guidance for the consistent and efficient application and support of information technologies, including business and plant systems that enable the Nuclear Power Industry.

Our Mission:

from keith nmorrell (privately): 1:00 PM

FOCUS AREAS: The current functional and topical focus areas of NITSL provide strategic direction and support for the following four (4) core process

initiatives distinct to nuclear power generation:

- Software Quality Assurance (SQA)
- Cyber Security for Nuclear Power Reactors (CS)
- Digital Control Systems (DCS)
- Infrastructure and Applications (I&A)

from Christian Palay to everyone: 1:02 PM

applications developed using SharePoint vice Sharepoint?

from keith nmorrell (privately): 1:04 PM

Software Quality Assurance:

Andrew Ralph (Entergy) - Chair - aralph@entergy.com

Corwin Jones (INL) - Co-Chair - corwin.jones@inl.gov

Monthly Meeting – 3rd Tuesday of each month – 2 pm EST

Call in: 1-415-655-0002 Participant ID: 25940268578

EC Sponsor - Kevin Sykes

Cyber Security:

Stacy Baskin (Southern)– Chair - slbaskin@southernco.com

Miranda Wolf (Exelon) Co-chair - miranda.wolf@exeloncorp.com

Bi Weekly Meeting – Tuesday starting 03/24/14 – 11am EST

Call in: 1-470-705-0860 Conference ID: 540838509

EC Sponsor - Amanda Engle

from Christian Palay to everyone: 1:06 PM

ok

from Marylou Apodaca to everyone: 1:06 PM

Depends on intended use

from keith nmorrell (privately): 1:06 PM

I see Corwin jones from INL is a co chair on the NITSL Software SC maybe if you and Terri contact me would be a good start

from keith nmorrell (privately): 1:07 PM

contact Corwin as a start

from Lincoln Djang to everyone: 1:08 PM

WIPP is currently treating SharePoint as site standard software.

from keith nmorrell (privately): 1:08 PM

my email is keith.morrell@srs.gov phone 706-799-2986

from Lincoln Djang to everyone: 1:09 PM

WIPP has SQA program support for SharePoint. The SQA approach implements a graded approach

from Lincoln Djang to everyone: 1:10 PM

WIPP does not exclude Share Point or any of the other Office products

from Lincoln Djang to everyone: 1:11 PM

At WIPP, within a specific purpose/specific configuration, the SQA requirements are implemented (using a graded approach)

from Lincoln Djang to everyone: 1:11 PM

At WIPP, within a specific purpose/specific configuration, the SQA requirements are implemented (using a graded approach)

from Lincoln Djang to everyone: 1:18 PM

Veronica is describing the SQA method that WIPP employs. SQA is graded on the intended purpose and utilization

from Christian Palay to everyone: 1:19 PM

Is there not an IT requirement for keeping list of all software?

from Ward Best to everyone: 1:19 PM

Like Action Tracking (issues tracking) that cross cuts the entire organization

from Nathaniel Hein to everyone: 1:21 PM

Proper, compliant use of any software is the responsibility of the individual or group using it, including SharePoint. This is similar to OUO, UCNI, and similar requirements for email and other communications.

from Christian Palay to everyone: 1:24 PM

Separately, in May 2019, in response to media reporting on FBP's environmental

monitoring data, FBP identified a calculation error in a spreadsheet that had resulted in

underreporting of both onsite and offsite environmental radiological monitoring

information in its annual site environmental reports (ASERs) for 8 years. It too had gone

undetected due to FBP's lack of compliance with SQA program requirements. Through an enforcement investigation, the Office of Enforcement determined that both

issues had resulted, at least in part, from FBP's failure to implement an effective SQA

program. The Department of Energy (DOE) considers these SQA program

implementation deficiencies to be of high safety significance.

from Christian Palay to everyone: 1:24 PM

<https://www.energy.gov/sites/default/files/2021/01/f82/Preliminary%20Notice%20of%20Violation%20%20Fluor-BWXT%20Portsmouth%20LLC.pdf>

from Marylou Apodaca to everyone: 1:28 PM

I may be wrong, but i think (emphasis on think) most sites may think of this as personal productivity and not looking at intended use.

from Teri Vincent to everyone: 1:29 PM

very good point Maylou

very good point Maylou

from Teri Vincent to everyone: 1:32 PM

lol

from Teri Vincent to everyone: 1:32 PM

my screen is not working well so forgive me if I have technical issues during this presentation

from Veronica Camarillo-Morris to everyone: 1:42 PM

I believe some of those questions on the end of the list would also affect LANL. Can we get the response that was given specifically where it is referring to both classified and unclassified data?

from Christian Palay to everyone: 1:46 PM

"Prepare, review, approve, issue, use, and revise ocuments to prescribe processes, specify requirements, r establish design."

from Christian Palay to everyone: 1:46 PM

Prepare, review, approve, issue, use, and revise documents to prescribe processes, specify requirements, or establish design.

from Christian Palay to everyone: 1:48 PM

Design items and processes using sound engineering/scientific principles and appropriate standards.

from Corwin Jones to everyone: 1:55 PM

Cloud?

from Aleem Boatright to everyone: 2:02 PM

aleem.boatright@hq.doe.gov

from Donna Riggs to everyone: 2:03 PM

Is the plan available through a link that you could put in the chat?

from Yevonne Deaton to everyone: 2:07 PM

Correct , OR-EM POC, different

from Yevonne Deaton to everyone: 2:08 PM

ok Pat, we get it! LOL

from Veronica Camarillo-Morris to everyone: 2:37 PM

How does that effect the management of the Software or Software tools where the data for the Agile documentation?

Does this then become a 'system of record' in the traditional sense for the data it houses. Does this mean that we would have to translate the e

xisting DOE orders for records management to an electronic format?

Would Data Management then be part of SQA or IT or both?

from Yevonne Deaton to everyone: 2:37 PM

Unfortunately regulations can't be changed fast enough to keep up with technology

from Yevonne Deaton to everyone: 2:38 PM

let me rephrase "useful" regulations (if there is such a thing)....lol.

from Donna Riggs to everyone: 2:40 PM

quality is never free

from Christian Palay to everyone: 2:41 PM

but doing quality is always cheaper than fixing quality

from sidney.ailles to everyone: 2:41 PM

When systems containing software fail, how do you demonstrate in court without records that proper processes were used?

from Tom Barsz to everyone: 2:42 PM

One reason for SQA documentation is to protect our organizations from fines like the one in the report that was posted.

from Christian Palay to everyone: 2:44 PM

<https://www.directives.doe.gov/directives-documents/200-series/0243.1-BOrder-c/@@images/file>

from Christian Palay to everyone: 2:44 PM

DOE O 243

from Christian Palay to everyone: 2:44 PM

"....retaining functionality and integrity of electronic records during upgrades of hardware and software to retain a usable format, ensure compatibility with current hardware and software, and preserve links between records and corresponding metadata; and decommissioning and migrating systems containing electronic records only when records disposition has been completed."

from Veronica Camarillo-Morris to everyone: 2:49 PM

This is brilliant Christian! Thank you so much. I wasn't aware that this change had been made.

from Corwin Jones to everyone: 2:52 PM

I have not used paper for records since 2000 with very few exceptions.

from Corwin Jones to everyone: 3:06 PM

The key is minimum viable product. Viable has much more rigor in a Safety environments.

from Tom Bundy to everyone: 3:09 PM

Very good Lance! Thanks very much!

from Teri Vincent to everyone: 3:14 PM

I never heard about a survey

from SARAH HARTSON to everyone: 3:14 PM

Never heard about survey in LFO

from Chris Beaman to everyone: 3:15 PM

I think the survey died at the federal level.

from Chris Beaman to everyone: 3:16 PM

I'm not convinced that additional survey data would have resulted in a different result

from Yevonne Deaton to everyone: 3:20 PM

yes

from Yevonne Deaton to everyone: 3:22 PM

is this still limited to only "SHADS"? safety software?

from Patrick Auer to everyone: 3:23 PM

At this time, yes. Attachment of 414.1D

from Teri Vincent to everyone: 3:23 PM

if anyone who has attended today is not on the SQA Subtask group email list wants to be, please email cshultz@anl.gov

from Donna Riggs to everyone: 3:38 PM

Add that to the cons list

from Donna Riggs to everyone: 3:39 PM

Yes

from Donna Riggs to everyone: 3:40 PM

Great conversations for both days!

from Marylou Apodaca to everyone: 3:49 PM

Loved the joint sessions

from Donna Riggs to everyone: 3:49 PM

Potential for inperson?

from Juanita McKinney - BNL to everyone: 3:50 PM

Lots of good information. Thank you!