



NITSL Newsletter

Our goal is to keep members informed and involved. Please check out the “NITSL Snippets” section at the bottom of the newsletter for links to additional information. Feel free to provide feedback or comments at any time.

Chairman’s Update



Here we are finishing up another very successful NITSL Conference. Let me start by thinking all those who support this year’s Conference. Arizona Public Services (APS) did an outstanding job coordinating the conference. I learned during the planning of this year’s conference just how complicated the coordination of a virtual conference can be, and APS knocked it out of the park. To all of you that were able to attend, thank you for making this conference a huge success. I hope that you were able to gain some

insight from industry peers as well as our dedicated vendors. While not as much fun as in person vendor night, our vendors stepped up and provided some very informative/collaborative sessions.

I am looking forward to seeing everyone next year in Baltimore, Maryland, where Exelon will be hosting the 2022 NITSL conference at the beautiful Renaissance Baltimore Harbor Place Hotel. It is hard to believe they are already hard at work planning the 2022 conference.

As we closeout 2021, please continue to collaborate with your industry peers and be engaged in the monthly standing committee meetings. Please consider becoming a member of the Executive Committee or one of the standing committee chairs or co-chairs for 2022-2023. The [NITSL website \[nitsl.sbisite.com\]](https://nitsl.sbisite.com) member section has been updated to show the times, dial-in information, and the standing committee Chairs and Vice-Chairs. Your input to the collaborative sessions is very beneficial to your industry peers. Again thanks for all you do to make NITSL a great organization.

Our Next Conference Host



Exelon

The 2022 conference will be hosted by Exelon. Exelon is a Fortune 100 company that works in every stage of the energy business: power generation, competitive energy sales, transmission and delivery. As the nation's leading competitive energy provider, Exelon does business in 48 states, D.C., and Canada. Exelon employ approximately 32,300 people nationwide. Exelon is one of the largest competitive U.S. power generators, with more than 31,000 megawatts of nuclear, gas, wind, solar and hydroelectric generating capacity comprising one of the nation’s cleanest and lowest-cost power generation fleets.

Exelon Generation, operates the largest fleet of nuclear plants in America with 21 reactors providing clean, zero-carbon and always-on power (94.6 percent capacity factor).

Our 2022 Conference Location

The 48th NITSL conference will take place from July 18-21, 2022 at the Renaissance Hotel in Baltimore, MD.



[Visit Baltimore | Official Travel Website for Baltimore Maryland](https://www.visitbaltimore.org/)

Articles of Interest

3d printed parts and Reactors

<https://www.world-nuclear-news.org/Articles/3D-printed-components-in-service-at-TVA-reactor>

Using 3d software and digital models to help with decommissioning plants

[Is Nuclear Power Ready At Last For Its 'Model T' Moment? \(forbes.com\)](https://www.forbes.com/sites/energyvoice/2021/07/15/nuclear-power-ready-at-last-for-its-model-t-moment/)

Bitcoin mining and Nuclear power

[US companies announce plans for nuclear-powered bitcoin mine : Corporate - World Nuclear News \(world-nuclear-news.org\)](https://www.world-nuclear-news.org/Articles/US-companies-announce-plans-for-nuclear-powered-bitcoin-mine)

Call for Papers

Are you an industry expert, vendor thought leader or professional in Nuclear IT willing to share your knowledge and insight with other NITSL Members / colleagues? If so, apply to be a part of the NITSL 2022 Conference.

The conference takes place July 18 - 21, 2022, at the Renaissance Hotel in Baltimore, MD. Speaking opportunities are available for the general and breakout sessions.

Just email your topic to Phillip Moman at pbmoman@southernco.com or Cathy Przyjemski at cathy.przyjemski@nitsl.org by **December 31st**. The NITSL EC will review the submissions and select which submissions to include in the conference. Your submission does not need to be tied to a Standing Committees but should support the NITSL goal (Note vendor presentations must be vendor neutral and use the NITSL template)

Meet the new Executive Committee Members

Chairman – Phillip Moman



Phillip Moman is an IT Manager at Joseph M. Farley Nuclear Station leading a diverse team of individuals providing support for technology applications and hardware platforms. Phillip's previous roles include IT Supervisor overseeing the Critical Systems Desk supporting Southern Company's Trading Floor and Generation. Phillip holds a Bachelor of Science with double majors in Computer Science and Personnel Management from Jacksonville State University. Phillip has more than 33 years of IT experience mainly supporting the Nuclear organization. Phillip resides with his wife of thirty years in Ashford Alabama

Vice-Chairman – Amanda Engle



Amanda Engle is a Sr. Services Analyst at Exelon Corporation. Some of her responsibilities include CAP Coordinator, SQA Administration, IT Financials, Problem Management and participating in various IT projects. She is passionate about identifying program and process improvements and implementing enhancements that provide greater efficiency and effectiveness. Amanda has been active in the NITSL community since 2016, serving as the SQA Committee Chair in 2018 and performing Exelon host responsibilities in 2020.

She earned her Bachelor of Science degree in Computer Science from Saint Xavier University in Chicago, Illinois.

Amanda resides in Chicago and enjoys travelling, relaxing on her patio, and playing board games with her friends.



Financial Officer – Keith Carradine

Keith Carradine has worked for DTE Energy for 13 years. Currently he is the IT Business Relationship Manager for Enrico Fermi 2 Nuclear Power Plant. Keith has an Engineering and Metrology background along with IT experience in Shared Infrastructure and Network Operations. He has a Master's degree in Management and Leadership as well as an MBA in IT Management.

Secretary – Matt Rhone

Matthew Rhone is an IT Architect at Talen Energy with responsibilities that span multiple business areas in the enterprise. His background is in application development, integration, and implementation. He has worked in IT for Talen Energy and its predecessor PPL for 22 years with a significant focus on Susquehanna Nuclear applications since the creation of Talen Energy. His involvement with the nuclear organization began with the migration of nearly all of Talen's applications to cloud services as part of the spin off from PPL. In his current role he is responsible for various development and integration platforms, corporate web platforms, real estate, and renewables applications. In addition, he provides architecture oversight and consulting for key project and support needs across the IT organization.



Communications – Kevin Sykes

Kevin Sykes, CISSP, is the Cyber Security Supervisor at Energy Northwest. He supervises the team responsible for the nuclear plant cyber security program. Kevin has a bachelor's degree in Mechanical Engineering and a MBA in IT Management from Washington State University. He has worked at Energy Northwest for 12 years.

Standing Committee Leads

Infrastructure & Applications: Alisha Bettcher (APS) – Chair; Joshua Patrick (Southern) – Co-chair

Software Quality Assurance: Andrew Ralph (Entergy) – Chair; Corwin Jones (INL) – Co-chair

Cyber Security: Stacy Baskin (Southern) – Chair; Miranda Wolf (Exelon) – Co-chair

Digital Controls: Nick Bryant (Southern) – Chair; Mark Whitman (Duke) – Co-chair

Cyber Security Update



The NITSL Cyber Security Standing Committee (CSSC) selected the following initiatives to work on throughout the year.

- *EPRI Technical Assessment Methodology (TAM)*
- *Vulnerability Management Process*
- *CDA Assessment Quality Improvement*
- *Ongoing Program Management Excellence*
- *NEI White Paper / NRC Inspection Preparation Implementation*

Infrastructure & Applications Update



The NITSL I&A committee is currently pursuing the following initiatives to work on throughout the year.

- *Hybrid Cloud Architecture & Container Orchestration – Eric Jurotich*
- *DevOps Automation – Matt Rhone*
- *Technical Debt – Dustin Hess*
- *Buy vs Build (In-House Full Stack Development) – Joe Verbout*
- *Data & Analytics (Self Service Analytics) – Alisha Bettcher*
- *Anywhere Operations*
- *Changing Skillsets for the Future*

Digital Controls Update



The NITSL Digital Controls committee is currently pursuing the following initiatives to work on throughout the year.

- *Revisit the roles and responsibilities for support and implementation of digital systems (including training and qualifications)*
- *Continued expansion of IoT network and technologies*
- *Digital System Lifecycle management and integration*
- *DEG and related digital modernization implementation challenges/successes*

Software Quality Assurance Update



The NITSL SQA Committee is currently pursuing the following initiatives throughout the year.

- *Cross Committee Collaboration*
 - *Establish communications between sub-committees that will benefit all*
- *Business Engagement in SQA Program*
 - *How to get a buy-in for SQA program from the Business*
- *Benchmark SQA Process at other Utilities*
 - *Benchmark other utilities to measure performance and find best practices*
- *Inventory Management*
 - *Define Process vs Non-Process Software and maintain inventory*

NITSL Snippets

- Need to know who to contact? Visit the [NITSL website](#) and a list of the current Executive Committee members and Standing Committee chairs/co-chairs.
- Click [here](#) for useful tips on improving your communication skills.

Visit us at www.nitsl.org. Comments, questions or story ideas are always welcome.