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

I would like to **THANK** all of you that were able support and participate in this year's 2020 virtual NITSL conference. Exelon did an amazing job hosting in a very challenging time. The vendor representation was greatly appreciated, and our Standing Committee's went above and beyond providing high value presentations.

I am looking forward to seeing everyone next year in Scottsdale, Arizona where Arizona Public Services (APS) will be hosting the 2021 NITSL conference. It is hard to believe they are already hard at work planning next year's conference.

My post 2020 NITSL conference challenge to all of you is to help increase engagement in the regular standing committee meetings. It would be great if each one of you could get one new person you know or work with to start attending a standing committee meeting. The NITSL website member section has been updated to show the times, dial-in information, and the standing committee Chairs and Vice-Chairs. The infusion of new people will help stimulate new ideas that will ultimately benefit our industry as a whole.

Our Next Conference Host

The 2021 conference will be hosted by Arizona Public Services. Arizona Public Services generates clean, reliable and affordable energy for 2.7 million Arizonans. Our service territory stretches across the state, from the border town of Douglas to the vistas of the Grand Canyon, from the solar fields of Gila Bend to the ponderosa pines of Payson. As the state's largest and longest-serving energy provider, our 6,300 dedicated employees power our vision of creating a sustainable energy future for Arizona

Arizona Public Service Company (APS) operates and owns 29.1% of Palo Verde Generating Station which has been the nation's largest power producer of any kind for more than 25 years – all of it clean and carbon-free. As the heart of the APS generation fleet, it provides the foundation for the reliable service our customers know they can count on. Palo Verde is the nation's largest source of clean-air energy.

Palo Verde Generating Station has 2,500 full-time employees with an additional 900-1000 contractors are employed twice yearly during month log planned refueling and maintenance outages.

The plant is a critical asset to the Southwest, generating more than 32 million megawatt-hours annually – enough power for more than 4 million people. As the nation's only nuclear plant not

located on a body of water, Palo Verde recycles more than 20 billion gallons of wastewater annually from surrounding municipalities to cool the plant.

Our 2021 Conference Location

The 47th Annual NITSL conference will take place from July 12, 2021 – July 15, 2021at the Westin Kierland Resort in Scottsdale, AZ.

https://www.experiencescottsdale.com/

Meet the new Executive Committee Members

Chairman – Matt Coulter

Matt Coulter has worked for Duke Energy over the last 11 years. His focus has been on the implementation of secure cyber security technologies; establishing sound cyber security practices and operations for Duke Energy.   Mr. Coulter has supported the Industry by participating on the NEI Cyber Security Task Force and NITSL Cyber Security Standing Committee. Mr. Coulter has a Bachelor of Science in Computer Engineering from the University of North Carolina Charlotte, and holds CISSP and GRID certifications in good standing.

Vice-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

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 – Misty Goff

Misty Goff is an IT Professional currently functioning as the IT Manager for Office 365 TechOps and Customer Experience at Exelon Generation. She has been actively working in IT for the past 20 years with the last 7 years at Exelon. She holds a BBA in Computer Information Systems and a MAED in Secondary Business Education. The ability to be a liaison between the technical and business aspects of a solution is a strength and allows for a better working relationship to drive innovation, customer satisfaction, and optimal service delivery across the 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 11 years

Standing Committee Leads

Infrastructure & Applications: Matt Rhone (Talen) – Chair; Alisha Bettcher (APS) – Co-chair

Software Quality Assurance: Kimberlee Passalugo (Entergy) – Chair; Michelle Vera (Exelon) – Co-chair

Cyber Security: Dewey Coulon (Entergy) – Chair; Stacy Baskin (Southern) – Co-chair

Digital Controls: Tim Streeter (Southern) – Chair; Nick Bryant (Exelon) – Co-chair

Cyber Security Update

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

- *Performance Metrics – Implementation Phase*
  - *Actively monitor industry implementation of partnered NITSL CSSC and NEI Cyber Security Program Performance Review (CSPPR) Metrics*
  - *Identify best practices, guidance gaps, and recommend enhancements*
- *EPRI TAM Incorporation into Industry Configuration Control Processes (Cont.)*
  - *Pilot Mapping, 50.54(p) Evaluation, and Support NEI Workshop Review*
  - *Assess product concurrence with NRC for additional action*
- *Supply Chain Cyber Security Impacts*
  - *Define E.11 Controls and NEI 08-09 Addendum 3 Implementation Best Practices*
  - *Approaches to challenges including equipment obsolescence*

Infrastructure & Applications Update

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

- *Dynamic Adaptive Procedures Dustin Hess*
  - *Updates as multiple utilities move toward implementation*
- *Changing Nature of Work Eric Jurotich*
  - *What we've learned from the pandemic, how it has accelerated changes in the way we work, new skillsets that are required*
- *Business and IT Partnership Alisha Bettcher*
  - *Collaboration between IT and the business to shape an overall business strategy that focuses on value and effectively leverages technology*
- *Serverless Computing Matt Rhone*
  - *Leveraging cloud services and new execution models to drive efficiency, scalability, and reduce administrative burden*
- *DIRECTOR Initiative Johanna Oxstrand*
- *NITSL Collaboration Tools Continue to improve for I&A and expand across NITSL*

Digital Controls Update

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

- *IOT Industry SurveyWhat devices are utilities deploying*
  - *Identify types & designs*
  - *Use cases and mitigation of risks such as OPS use for decision making*
- *Virtualization of plant hardware*
  - *Operating experience*
- *Functional acceptance testing in the current COVID-19 environment*
- *Design Engineering Guide Collaboration*
  - *Collaborate on the implementation of the EPRI DEG and how it will integrate into the standard design process*
  - *Discuss and present feedback on the DEG training and subsequent use in processes across the industry*
- *Continue to Increase Meeting Attendance and Participation*
  - *Encourage members to invite utility peers to meetings*
  - *Rotate monthly meeting schedule to accommodate more participants*
- *Continue Digital Controls related operating experience items at the beginning of each meeting in conjunction with the safety topic.*
- *Survey (updated) on IT/OT roles/responsibilities across the industry.*

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*
- *Managing Configurable Devices*
  - *SQA for Smart/Programmable devices that have configurations*
- *NRC Inspection Plans*
  - *Get familiar with the NRC plans making sure all regulations are met*
- *Business Engagement in SQA Program*
  - *How to get a buy-in for SQA program from the Business*
- *Inventory Management*
  - *Define Process vs Non-Process Software and maintain inventory*
- *SQA for Measuring and Test Equipment*
  - *Detail SQA process for M&TE at different Utilities*
- *Disaster Recovery Plans for Safety related Applications*
  - *How are Utilities maintaining the DR Plans for SSC related Applications*
- *Benchmark SQA Process at other Utilities*
  - *Benchmark other utilities to measure performance and find best practices*

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.