

# Additional Speakers



**C. Thomas Alley, Jr.**  
Vice President, Generation



Thomas Alley is Vice President of Generation for the Electric Power Research Institute (EPRI).

In this role he is responsible for the R&D team which is focused on research, development, and the application of fossil technologies for both existing and future generating assets. He has

29 years of experience in the energy industry and his experience includes fossil and nuclear power. He joined EPRI in 2007 as senior program manager for major component reliability R&D, and most recently served as director of advanced generation research, which includes renewable generation, carbon capture and storage, generation planning, and industry technology demonstrations.

Before joining EPRI, Alley worked at Duke Energy, leading a centralized corporate team of metallurgists, engineers, and technical personnel responsible for the evaluation, inspection, and repair of nuclear power plant components. He began his career at Duke Energy as a materials engineer responsible for the metallurgy, inspection, and repair of fossil power plant components.

Alley received a Bachelor of Science degree in electrical engineering and a Bachelor of Science degree in materials engineering from North Carolina State University. He is a registered professional engineer in North Carolina and South Carolina.

**Matt Gibson P.E., CISSP**  
Principal Technical Leader, Plant Technology, Nuclear Sector



Matt Gibson is a Principal Senior Technical Leader in the Plant Technology Department at the Electric Power Research Institute (EPRI). His research activities focus on cyber security, digital I&C, and human factors engineering related to existing and new build nuclear plants. Areas of research include digital I&C architectures and system reliability,

human factors integration, evolving cyber security frameworks that address vulnerability mitigation, risk informed cyber security methods, and supply chain cyber security.

Gibson retired from Duke/Progress Energy after thirty one years of service in their operational fleets including roles in cyber security design, controls system design, IT management, and operational support. Career includes management and technical experience in the nuclear and fossil (coal and combustion turbine) power utility sector in the areas of digital I&C, cyber security, human factors engineering, and software quality assurance (SQA). This experience includes

a broad range of design, project development, solution consulting, line management, maintenance, operational, security and integration activities.

Leadership and technical skills encompass building and leading teams, project development and management, program and policy development, technical consulting, systems development and integration, training development and delivery, incident response and root cause analysis.

Mr. Gibson is a Licensed Professional Engineer (North Carolina) and holds certifications in cyber security including: Certified Information Systems Security Professional (CISSP), GIAC Certified Incident Handler (GCIH), and Global Industrial Cyber Security Professional (GICSP).