



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 and large-scale renewable generation assets, including wind, solar and hydropower.

He has 35 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.