

THE REGULATORY ROUTE TO COMMERCIAL NUCLEAR DEPLOYMENT

A webinar series to understand the road that was taken to arrive at the current regulatory framework to navigate future paths to successful deployment.

Find us online: GAIN.INL.GOV | [f](#) [t](#) [@GAINnuclear](#)



Raymond J. Schiele

Licensing Manager
Tennessee Valley Authority

Mr. Schiele is the Licensing Manager for the TVA Nuclear Technology Innovation Team. As the Licensing Manager, Mr. Schiele is currently part of the leadership team that is developing the regulatory and permitting strategy to support a business case for long term deployment of an advanced reactor.

Mr. Schiele has more than 45 years of nuclear engineering and licensing experience which includes service in the United States Navy, 16 years commercial nuclear power plant experience as a Control Room Supervisor/Shift Manager and for the past 20 years as a Senior Project Licensing Manager.

Prior to being a member of the TVA Nuclear Technology Innovation Team, Mr. Schiele was the Licensing Manager supporting the TVA team that successfully obtained an NRC approved Early Site Permit for Clinch River Site. The project was completed ahead of schedule and included the approval for a scalable Emergency Planning Zone methodology.

While working as Senior Licensing Engineer at the TVA Watts Bar Nuclear Plant, Mr. Schiele provided coordination and facilitation support of regulatory and compliance activities related to the initial licensing of the Watts Bar 2 reactor.

As a Project Manager, Mr. Schiele led regulatory, engineering, programmatic and implementation activities supporting the license conversion of 22 nuclear utility reactor's current technical specifications to the NRC approved, technology specific NUREG addressing the Improved Standard Technical Specifications.

After a successful career in the United States Navy, Mr. Schiele worked for Baltimore Gas and Electric at the Calvert Cliffs Nuclear Power Plant Units 1 and 2, two Combustion Engineering Pressurized Water Reactors. Mr. Schiele was licensed to perform duties as Operations Shift Manager/Control Room Supervisor, Senior Reactor Operator, Reactor Operator and Shift Technical Adviser. Routine duties included command and control responsibility of plant operations related to normal operations, refueling operations and emergency preparedness.

Mr. Schiele started his nuclear career in the United States Navy and served as a reactor operator on the USS Sam Rayburn-SSBN 635. He also served briefly on the USS Yellowstone, AD-41. Mr. Schiele has a Bachelor of Science, Nuclear Science, from the University of Maryland, and is a certified Project Management Professional.