

Carl J. Feichtel

Consulting Engineering Assistant



EXPERIENCE

Consulting Engineering Assistant

2012-Present

Technician, Services Specialist, Chemical Professional

1997-2012

EDUCATION / CREDENTIALS

DeSales University

B.A. Safety Management

Since joining Sheppard T. Powell Associates LLC (STPA), Mr. Carl Feichtel has completed a variety of assignments – including commissioning and evaluating sample conditioning and monitoring systems, reviewing chemistry log sheet data, and overseeing chemical cleanings. Mr. Feichtel has extensive expertise in sample collection and conditioning systems and online analytical instrumentation.

During 2012-2023, he commissioned sample panels for forty-seven combined-cycle units at twenty-three stations along with solar and auxiliary boilers at a three-tower solar plant. Mr. Feichtel's efforts have included the initial programming setup, calibration, troubleshooting of instruments and the confirmation of accurate integration between the chemistry monitoring system and the information management system. The commissioning's also included on-site chemistry monitoring and consultation for water-and steam purity -related issues during steam blows and unit startups through performance testing at various plants.

Mr. Feichtel has been involved with evaluating and troubleshooting existing sample panels and online instrumentation. His experience includes the evaluation, selection, design, installation, troubleshooting and operation of sampling and online chemistry monitoring instrumentation along with integration of the chemistry monitoring system with the information management system. He has developed training manuals and conducted hands-on Client personnel training.

Prior to joining STPA, Mr. Feichtel worked for over 26 years with 15 years in the power generation industry for PPL Corporation and has been involved in a variety of projects related to water treatment.

Mr. Feichtel has worked as a Laboratory Technician, Laboratory Supervisor, and Performance Services Specialist, Relative Accuracy and Test Audit (RATA) Supervisor and has had responsibility for industrial and boiler water chemistry services for drum-type boilers, once-through boilers, and two two-on-one combined cycle facilities. Mr. Feichtel has experience applying EPRI chemistry guidelines and performing chemistry testing, data analysis, and troubleshooting. He has extensive experience in the development of procedures, manuals, and training materials.

While at PPL, Mr. Feichtel managed the upgrade and commissioning of a hypochlorite chemical feed system and has guided the successful commissioning of an automated powdered resin condensate polishing system for an existing power plant. He continues to participate in hands-on activities at the plant level; such as the internal inspection of boilers, HRSG units, deaerators, condensers, and storage tanks. Mr. Feichtel was also responsible for the detailed procedure development, planning, and management of chemical cleaning projects for the removal of water-formed deposits.