

# 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 planning and overseeing chemical cleanings. Mr. Feichtel has particular expertise in sample collection and conditioning systems.

During 2012-2022, he commissioned the sample panels for thirty-three combined-cycle units at seventeen stations along with solar and auxiliary boilers at a three-tower solar plant. Mr. Feichtel's efforts have included the initial programming setup and calibration of instruments and the confirmation of integration between the chemistry monitoring system and the information management system. Commissioning also included on-site chemistry monitoring and consultation for water- and steam-related issues during steam blows and unit startups and 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 personnel training. Prior to joining STPA, Mr. Feichtel worked for over 15 years in the power 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 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 is well versed in EPRI chemistry guidelines, 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 also was responsible for the detailed procedure development, planning, and management of chemical cleaning projects for the removal of water-formed deposits.