



John W. Siegmund, P.E.

Staff Consultant



Sheppard T. Powell
Associates, LLC

EXPERIENCE

Staff Consultant

1994-Present

Associate

1964-1993

Senior Engineer

1947-1963

EDUCATION

The Johns Hopkins University

B.E. Chemical Engineering

MEMBERSHIPS

American Society Of
Mechanical Engineers
American Water Works
Association

American Chemical Society

American Geophysical Union

Since joining Sheppard T. Powell Associates, LLC, Mr. Siegmund has devoted considerable field time worldwide to startup, operation supervision, and troubleshooting of water treatment systems and chemistry programs for utility and industrial plants. These activities have encompassed makeup and condensate treatment systems, development of quality control systems and programs, in-plant training of personnel, routine equipment inspections, electric generating station audits, preoperational and operational chemical cleanings of fossil and nuclear plants, and location selection and development of surface water and groundwater supplies for prospective plant sites.

Mr. Siegmund has taken a responsible role in the early development of volatile steam generator water treatments. His chemical cleaning experience includes entire condensate, feedwater, steam generator, and steam systems for supercritical fossil and nuclear steam generating units.

Mr. Siegmund contributed to and provided guidance in preparation of the Electric Power Research Institute (EPRI) *Manual On Chemical Cleaning Of Fossil-Fueled Steam Generation Equipment* and has authored and coauthored technical papers on the various aspects of chemically cleaning steam generation equipment, as well as papers and discussions concerning other facets of water chemistry. He has also contributed to the American Society Of Mechanical Engineers (ASME) *Handbook On Water Technology For Thermal Power Systems*.

As a member of the ASME, Mr. Siegmund is an active participant in the Process Industries Division, Board On Performance Test Codes, and the Research And Technology Committee On Water And Steam In Thermal Power Systems.