



# Emory H. Hull

Associate



Sheppard T. Powell  
Associates, LLC

## EXPERIENCE

### Associate

2001-Present

### Senior Engineer

1980-2001

## EDUCATION

### The Johns Hopkins University

B.E.S. Environmental Engineering

## MEMBERSHIPS

American Society For Testing And  
Materials

Technical Association Of The Pulp  
And Paper Industry

Since joining Sheppard T. Powell Associates, LLC, Mr. Hull has worked extensively with clients engaged in chemical cleaning projects. Activities in this area include evaluation of the need to clean, specification and testing of solvents, preparation of detailed procedures, and provision of on-site technical assistance during the cleaning process. He has participated in the chemical cleaning of industrial and utility drum type boilers, recovery boilers, HRSG units and once-through boilers. Mr. Hull has assisted clients in developing and implementing treatment methods for chemical cleaning wastes.

He was a primary contributor to *Guidelines For Chemical Cleaning Of Fossil-Fueled Steam Generation Equipment* and *Manual On Chemical Cleaning Of Fossil-Fueled Steam Generation Equipment*, both published by The Electric Power Research Institute.

Mr. Hull has worked with clients to solve demineralizer system problems and to optimize performance, as well as being involved with several new equipment and facility expansion projects. For these projects, Mr. Hull has provided conceptual designs and assisted in the detailed design and specification of equipment, controls and materials of construction.

Mr. Hull has conducted investigations of causes of poor deaerator performance, abnormal boiler water and condensate chemistries, boiler tube failures and steam contamination. Also, he has developed chemistry control limits and specified equipment and procedures to be used to monitor system chemistry.

Other assignments have included review and evaluation of laboratory quality assurance procedures, provision of technical advice during cooling tower startup, development of wastewater quality projections for new cogeneration plants, investigation of condensate polisher problems and assessment of corrosion problems in industrial systems.

Mr. Hull routinely performs equipment inspections and monitors the effectiveness of water treatment programs in use to prevent problems related to water chemistry. His ongoing activities with Latin American paper mills have been aided by his working knowledge of the Spanish language. He has been an active participant in the affairs of the Technical Association Of The Pulp And Paper Industry (TAPPI), serving on the Steam And Power Committee's Water Treatment Subcommittee.