



ROBERT D. BURKE, Ph.D., P.E.
Consultant

EXPERIENCE

Dr. Burke is a registered Professional Engineer and Certified Energy Manager with extensive experience in management, environmental, computer, energy conservation, heating, air conditioning, new building construction, and existing building renovation.

As Director, he was responsible for the operations of Integrated Environmental Service Co., an engineering company specializing in providing engineering services to the real estate industry. These services included heating, air conditioning, plumbing, indoor air quality, energy and CFC refrigerant studies, construction management, and due diligence investigation.

As Midwest Engineering Group Leader of the Prudential Realty Group of the Prudential Insurance Co. of America, he was responsible for engineering design, coordination, and drawings for both new construction and renovation of existing buildings, along with reviewing and negotiating construction contracts for the Midwest and Canadian regions.

As Director of Mechanical Engineering, he was responsible for the upgrade and maintenance of all air conditioning, electrical distribution and lighting standards, building automation systems, indoor air quality, and energy conservation retrofits. Additional responsibilities included Phase I and Phase II ESA and property condition assessment requirements for hotels, office buildings, shopping malls, apartment buildings, and warehouses, and industrial facilities.

Dr. Burke's expertise also includes investigating the control, growth, and remediation of allergic, infectious, and toxic mold and the preparation of recommendations for the improvement of indoor air quality (IAQ) in residential, educational, commercial and industrial space.

Dr. Burke served as an Associate Professor in the School of Construction and Design at Penn State University's College of Technology.

EDUCATION

Ph.D., Science - University of Southern Mississippi
M.S. Industrial Technology - University of Southern Mississippi
B.S. General Engineering - University of Southern Mississippi

REGISTRATION

Professional Engineer - Arkansas, Illinois, Mississippi