

RESUME

G. D. "Tim" Atkinson, Ph.D., P.E.

EMPLOYMENT HISTORY

CONSULTING ENGINEER. Atkinson Engineering, Inc. (1987-present)

Direct and perform failure analyses in the areas of structural, foundation, and geotechnical engineering. Design structural and foundation repairs and additions.

LABORATORY COORDINATOR. Trinity Engineering Testing Corporation (1984-1987)

Supervised the engineering technician teams in the Construction Materials Testing Division. Performed geotechnical investigations.

PROFESSIONAL ENGINEER. Coltharp Engineering Associates (1983-1984)

Conducted forensic engineering investigations.

VICE-PRESIDENT. Atkinson Steel Co (1973-1983, part-time 1983-2000)

Designed, fabricated, and leased shipping containers for radioactive materials.

PROJECT COORDINATOR. Center for Energy Studies, University of Texas (1973)

SUPERVISOR, SENIOR REACTOR OPERATOR, ASSISTANT PROFESSOR OF MECHANICAL ENGINEERING. Nuclear Reactor Laboratory, The University of Texas (1971-1973)

FORMAL EDUCATION

Doctor of Philosophy, The University of Texas, 1971

Master of Science in Mechanical Engineering, The University of Texas, 1969

Bachelor of Engineering Science, The University of Texas, 1966

PROFESSIONAL LICENSE

Registered Professional Engineer, Texas No. 35524

MEMBERSHIPS

American Concrete Institute

American Society of Civil Engineers, Governmental Affairs Subcommittees 2000-Present (Texas)

International Code Council

National Society of Professional Engineers

Texas Society of Professional Engineers, President of Travis Chapter 1981-1982

RECENT PUBLICATIONS

Guidelines for the Evaluation and Repair of Residential Foundations, (with R. F. Pierry, Jr., et al.), American Society of Civil Engineers Texas Section, Austin, Texas (2002, revised 2009)

Recommended Practice for the Design of Residential Foundations, (with P. G. King, et al.), American Society of Civil Engineers Texas Section, Austin, Texas (2002, revised 2007)

“Foundation Deformation and Tilt Using Least-Squares Analysis,” Proceedings of the Texas Section Meeting of the American Society of Civil Engineers, Best of Session, Austin, Texas (April 2005)

“The Myth of Residential Foundation Repair by Perimeter Underpinning,” Proceedings of the Texas Section Meeting of the American Society of Civil Engineers, El Paso, Texas (October 2010)

“The Failure of Residential Foundation Additions,” Proceedings of the Centennial Spring Conference of the Texas Section of the American Society of Civil Engineers, Corpus Christi, Texas (March 2013)

ENGINEERING CONTINUING EDUCATION COURSE AUTHOR

Texas ASCE Guidelines for the Evaluation and Repair of Residential Foundations, Course No. C-3007, www.pdhengeer.com, Decatur Professional Development LLC, Houston, TX (2004)

HONORS

Outstanding Young Engineer, Travis Chapter Texas Society of Professional Engineers, 1977

District Award of Merit, Thunderbird District, Capitol Area Council, Boy Scouts of America, 1987

American Contingent Staff Member, XVI World Scout Jamboree, Sydney, Australia, 1987-1988

Scoutmaster, Capitol Area Council Contingent Troop 1602, 1989 BSA National Jamboree, Fort A.P. Hill, Virginia

Boy Scout Wood Badge Assistant Course Director, Courses SC-345, SC-390, SC-411, and SR-97, Boy Scouts of America, Capitol Area Council, 1988, 1989, 1990, 1995. Course Director of SR-213, October 21, 1997.

Silver Pine Junior Leader Training Conference Director, Capitol Area Council, Boy Scouts of America, 1994.

Silver Beaver Award, Capital Area Council, Boy Scouts of America, 1994.