

ENGINEER OF DISTINCTION

Tennessee Technological University

Clayton L. Clem, P.E.

B.S. Civil Engineering,
Tennessee Technological University, 1979

M.S. Mechanical Engineering,
University of Tennessee, Chattanooga, 1985

**Vice President, Electric System Projects
Tennessee Valley Authority**



Clayton L. Clem was raised in Athens, Alabama and Hixson, Tennessee graduating from Hixson High School in 1975. He is married to Dr. Diane Fortier, a family physician, from Quebec City, Canada, and they reside in Ooltewah, Tennessee.

Clem graduated *summa cum laude* from TTU in 1979 with a Bachelor of Science in Civil Engineering. While at TTU, he was a member of the honor societies Chi Epsilon, Tau Beta Phi, and Phi Kappa Phi. In 1985, he graduated from The University of Tennessee - Chattanooga with a Master of Science in Mechanical Engineering (Applied Mechanics Concentration). He is a registered Professional Engineer in the State of Tennessee.

Mr. Clem has been employed by the Tennessee Valley Authority since 1979 in various roles, including design and construction of telecommunication, transmission line, and substation facilities. Today, Mr. Clem oversees Electric System Projects which engineers and constructs power system facilities for the Tennessee Valley Authority (TVA) throughout the utility's seven-state, 80,000-square mile region.

During his career, he has been involved in the development of numerous industry guides and standards such as the National Earthquake Hazards Reduction Program, Design of Lattice Steel Transmission Structures, Design of Guyed Transmission Structures, Guidelines for Electrical Transmission Line Structural Loading, and the National Electrical Safety Code. He has also served as an advisor to industry-sponsored projects and a speaker at various technical conferences.

In 1998, he was chosen as TVA's Engineer of the Year and was chosen as one of the Top Ten Federal Engineers of 1998 by NSPE. In 1999, ASCE's Structural Engineering Institute recognized him with the Innovations in Transmission Line Engineering Award.

Mr. Clem serves TTU as a member of the Electrical & Computer Engineering Industry Advisory Board and is a member of the President's Club. He is a past president of the Chattanooga Chapter of the TTU Alumni Association and a past member of the University Alumni Board.