TEC 2009

Joseph Stokes Senior Principal Engineer The Energy Corporation

Joseph C. Stokes is a Senior Principal Engineer and founding member of *The Energy Corporation*.

Mr. Stokes has over 25 years of experience in power generation serving both the nuclear and fossil fuel sectors in a wide capacity of office and field assignments. While working for Calpine, Mr. Stokes was integrally involved in the design and construction efforts for all new-build projects specializing in structural steel, pipe routing and stress analysis, and engineered hangers. In addition, he was responsible for high energy pipe monitoring at operating plants in Calpine's fleet.

Prior to joining Calpine in 2001, Mr. Stokes worked as an independent consultant providing engineering and construction services to the power, pulp and paper, and petrochemical industries in the midwest and eastern United States. He also worked for Belcan Engineering and Stone & Webster Engineering Corporation in numerous roles on new power generation and retrofit assignments. Mr. Stokes has served as "engineer of record" on many construction projects. With his multi-disciplined background, he can provide both mechanical and structural design engineering and construction supervision.

During Mr. Stokes' twenty-five plus years in the power industry, he has assisted in bringing over 16,000 megawatts of fossil fueled and nuclear power on to the North American grid as well as extending the life of numerous coal fired generating stations.

Mr. Stokes holds a Bachelor of Science degree in Civil-Structural Engineering from the University of Cincinnati. He maintains engineering registrations as Professional Engineer - Combined Discipline in Ohio and Colorado, and Professional Engineer - Structural in New York and Massachusetts. He also maintains Certified Welding Inspector (CWI) certification.