James N. Edmondson ’50 is highly respected in the energy industry for his expertise in glass technology. Currently retired from General Electric Co. (GE) after 39 years of service, he was responsible for dramatic improvements in quality and productivity that helped the company gain a global competitive edge.

Beginning his career at GE as a chemical engineer, James progressed through the company via engineering and supervisory roles such as service engineer, senior engineer, and supervisor of melting equipment engineering. He then served as manager of multiple GE departments including manufacturing technology, melting equipment engineering, melting systems, glass technology, glass engineering and glass melting systems.

James’s extensive experience made him instrumental in many technological breakthroughs at GE’s Lighting Products Division. He was also responsible for designing and modifying many furnace and glass manufacturing process lines to suit specific electrical component products, as well as the development of the company’s glass furnace energy reduction and emission reduction programs.

Since retirement James has provided consulting services to leading energy companies worldwide such as Venture Lighting, Iwasaki Electric, Lim Kim Hai Holdings, Vortec Corp., and Toledo Engineering, among others.