



# DELTA ENGINEERING

204-A Pitcarin Way • Augusta, GA 30909  
706-364-1770 • [deltaeng.net](http://deltaeng.net)

## **KENTON D. GILBREATH, P.E.**

Electrical Systems Design, Industrial Maintenance Engineering, Accident Investigation

### **SIGNIFICANT TASKS**

- Electrical Systems Design – 200+ Electrical system designs (commercial and industrial applications), which includes load analysis, load center design (motor control and lighting), control logic design (analog and DCS), emergency load design (diesel generator specification), and component selection. Specialties include lighting design for industrial and architectural applications. Designs include distribution for all voltages.
- Environmental Management – prepared regulatory documentation for the closure of underground radioactive waste storage tanks in accordance with Federal Facilities Agreements (FFA – similar to RCRA standards), which included waste characterization and transport modeling. Waste management strategic planning including production planning and outage management.
- Process Accident Investigations – (MORT and CAFTA fault tree analysis) - radioactive waste evaporator failure, radioactive waste contamination event (DOE Class B Investigation), support of Operation Readiness Reviews (ORR) for evaporator systems.
- Maintenance Management – maintenance of radioactive waste management facilities and nuclear fuel production facilities, which included oversight of 250+ shift and production crews
- Operations Management – cost control, outage management, short term production planning, work control, plant start up, shift management, and project management

### **POSITIONS HELD**

**Delta Engineering Group, LLC** – Augusta, Georgia  
CFO, Chief Electrical Engineer

**Washington Savannah River Company (formerly Westinghouse)** – Aiken, South Carolina  
Waste Management Maintenance Manager Operations Production Manager

**DuPont** – Aiken, South Carolina  
Naval Fuels Maintenance Manager  
Senior Supervisor Centralized Instrumentation and Electrical Maintenance Forces  
Senior Supervisor Naval Fuels Shift Manager  
Senior Engineer – Power Engineering and Safeguards and Security

### **EDUCATION**

B. S., Electrical Engineering (1980) Georgia Institute of Technology, Atlanta, Georgia

### **PROFESSIONAL REGISTRATION**

Georgia and South Carolina

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