



## Georgia Service Center

**Jeffrey T. Mize, P.E.**

*Forensic Engineering Consultant*

Atlanta, Georgia

770-246-0026

### **EDUCATION:**

Southern Polytechnic State University, 1989

Marietta, Georgia

Bachelor of Science

Electrical Engineering Technology

### **EMPLOYMENT:**

UNIFIED INVESTIGATIONS & SCIENCES, INC.

Atlanta, Georgia

April 2007 to present

Forensic Engineering Consultant – Responsibilities include evaluation of electrical equipment, systems and appliances evidence and artifacts for evidence of failure that result in property damage or personal injury. Perform failure analysis, reparability assessment and product design evaluation of electrical and telecommunications systems, products and appliances.

SAWNEE EMC

Cumming, Georgia

April 2002 to April 2007

Engineering Services Manager – Manager for System Planning, Drafting and Staking Engineering Departments for electrical cooperative with 8700 miles of distribution lines and 140,000 members. Major responsibilities included management and oversight of the Outage Management System, 20-year long range

## EMPLOYMENT (CON'T):

planning, 4-year construction work plans, SCADA, lighting, new facilities, system reliability, engineering procedures, substation and distribution automation, coordination studies, load studies, load management, GIS mapping, pole maintenance, power quality, spill control plans and various related ancillary responsibilities.

### NORTEL NETWORKS

Alpharetta, Georgia

February 1993 to December 2001

Optical Sales Engineer

Senior Network Marketing Engineer

Senior Member of Scientific Staff

Senior Proposal Engineer

Responsible for managing business relationships with major clients; team leader and trainer. Provided network planning to RBOC's, IXC's, CLEC's, CATV companies and IOC's utilizing Nortel products. Network plans included fiber sizing, network topology, optical link budgets, equipment type and configuration, implementation phasing, business plans and relief strategies. Prepared proposals for IOC market clients; supported sales in technical reviews and proposal presentations.

### PUBLIC SERVICE TELEPHONE

Reynolds, Georgia

June 1989 to February 1993

Central Office Engineer – Worked with consulting engineering firms to prepare REA/RUS contracts for new projects. Designed, maintained and operated seven DMS-10 CO's and four RSLE remote offices for 10,000 access lines. Designed, maintained and operated Columbus, Georgia MTSO and five cell sites for 10,000 subscribers. Designed, maintained and operated four CATV headends for 2000 customers.

## **SPECIALIZED TRAINING:**

- CYME International, CYMDIST Advanced Training Session, Atlanta, GA, March 2007, 16 hours
- Siemens, Power Regulator Training, Jackson, MS, September 2006, 32 hours
- Georgia Institute of Technology, Grounding, Harmonics & Electromagnetic Influence Design Practices, Atlanta, GA, May 2006, 24 hours
- Georgia Institute of Technology, Integrated Grounding System Design & Testing, Atlanta, GA, March 2006, 32 hours
- General Electric, Multilin Motor Protection Seminar, Atlanta, GA, November 2005, 8 hours
- Southeastern Electrification Council, Southeastern Distribution Apparatus School, Pine Mountain, GA, October 2005, 32 hours
- Georgia EMC Engineers' Association, RUS Construction Standards, St. Simons Island, GA, May 2005, 4 hours
- Cooper Power Systems, Recloser Control Training, Atlanta, GA, March 2005, 8 hours
- Synergistic Design, Distribution Engineering, Raleigh, NC, March 2003, 24 hours
- IEEE, Electrical Systems Analysis, Atlanta, GA, February 2004, 8 hours
- Cooper Power Systems, Overcurrent Protection Workshop, Conyers, GA, November 2003, 8 hours
- Pirelli Power Cables & Systems, Power Cables, Columbia, SC, October 2003, 15.5 hours
- Cooper Power Systems, Distribution Systems, Atlanta, GA, October 2003, 24 hours
- Southeastern Electrification Council, Capacitor Seminar, Atlanta, GA, July 2003, 4 hours
- Cooper Power Systems, Voltage Regulation, Atlanta, GA, March 2003, 24 hours
- CYME International, CYME Software, Atlanta, GA, March 2003, 24 hours
- Advanced Control Systems, SCADA Training, Atlanta, GA, January 2003, 80 hours

**SPECIALIZED TRAINING (CON'T):**

- Eaton Cutler-Hammer, Seismic Design of Electrical Systems, Atlanta, GA, January 2003, 8 hours
- Georgia EMC Engineer's Association, Capacitor Seminar, Atlanta, GA, November 2002, 8 hours
- Hubbell Power Systems, MOV Surge Arresters, Aiken, SC June 2002, 16 hours

**PROFESSIONAL ASSOCIATIONS:**

- International Association of Arson Investigators (IAAI)
- Institute of Electrical and Electronics Engineers (IEEE) Senior Member

**DEPOSITION TESTIMONY:**

- October 22, 2007, Civil Action No. 2006-CV-123868, Superior Court of Fulton County, State of Georgia, *Royal & SunAlliance Insurance Group PLC v. Mozley Finlayson & Loggins LLP*