

## Richard Pearlstein | Electrical Engineer, PE, CFEI

2150 Northmont Parkway, Suite F, Duluth, GA 30096

770-925-9600

[Rich.Pearlstein@efiglobal.com](mailto:Rich.Pearlstein@efiglobal.com)

### Professional Summary:

Electrical investigations in a wide variety of industrial, commercial & residential failures & accidents. Detail-oriented electrical power & controls engineer, experienced in all phases of project development, from concept through startup, testing and troubleshooting.

#### Areas of Expertise:

- Fires and explosions of electrical origin
- Lightning and surge damage
- Power systems, including high-voltage systems found at industrial facilities
- Motors
- Appliance failures
- Low-voltage systems and electronic component damage

### Licenses and Certifications:

Professional Engineer, Arkansas, #20462

Professional Engineer, Illinois, #062.074526

Professional Engineer, Hawaii, #19509

Professional Engineer, Georgia #PE021071

Professional Engineer, Alabama #37006-E

Professional Engineer, Florida #PE83882

Professional Engineer, North Carolina #PE045725

Professional Engineer, South Carolina #PE34856

Certified Fire & Explosion Investigator, #23504-13425

Unrestricted Electrical Contractor, Georgia #EN215861

### Project Experience:

#### **Commercial Damages, working for Travelers Insurance College Park, GA**

Evaluation of electrical repair estimates after copper theft. Extensive and detailed review of the electrical contractors' initial estimate of \$280,000 lowered this figure to under \$200,000.

### **Polarity Electric, Norcross, GA Electrical switchgear explosion**

Determine the cause and origin of an electrical panel explosion in Dunwoody, GA, which injured two workers. The incident caused significant business losses, because a utility transformer was destroyed when an upstream circuit breaker failed to trip, leaving approximately two dozen business tenants without power for several days. Was able to show that Polarity Electric was not at fault.

### **Professional Experience:**

Cherry Electric [Commercial Electrical Contractors] – *CEO / President*, 2010 - 2015  
Polytron – Senior Controls Engineer, 2007 – 2009  
Power Industry Consultants – Startup Engineer, 2007  
Factory Automation Systems – Controls Engineer, 2006 – 2007  
Intelligent Switchgear Organization – Project Engineer, 2004 – 2006  
Intelitec Corporation – Senior Systems Specialist, 2002 – 2003  
Dean Oliver International – Control Systems Engineer, 2000 – 2002  
Lockwood Greene Engineers – Power Engineer, 1989 – 1994; Controls Engineer, 1994 – 2000  
Oglethorpe Power – Energy Management Co-op, 1984 – 1987; Operations Engineer, 1988

### **Specialized Education:**

"Advanced Fire & Explosion Investigation Training", National Association of Fire Investigators, Ron Hopkins, Jason Sutala, Mick Beasley & Tom Bajzek, 2018  
"Evaluating Water-Damaged Electrical Equipment", Independent Electrical Contractors, Bryan Holland, 2017  
"Neutral Corrosion: Causes, Consequences and Solutions" [based upon IEEE 1617], Transmission & Distribution World, J.G. Bertini, 2017  
"Arc Energy Reduction Techniques", Schneider Electric, Joe Richard, 2016

### **Education:**

Bachelor of Electrical Engineering, Georgia Institute of Technology, Atlanta, GA, 1987

### **Affiliations:**

National Council of Examiners for Engineering and Surveying [NCEES]  
Institute of Electrical and Electronic Engineers [IEEE]  
National Association of Fire Investigators [NAFI]

### **Courses Instructed/ Guest Lecturer:**

"Surge Protection: Technical Background & Basics", presented to CNA, 2015

\*\*\*\*Litigation CV available upon request.