

Ralph Guerra | Senior Electrical Engineer, P.E.

4620 North State Rd. 7, Ste. 207, Ft. Lauderdale, FL 33319

954-334-1389

ralph.guerra@efiglobal.com

Professional Summary:

Ralph Guerra is a professional engineer with over 25 years' experience specializing in Forensic Engineering Investigations with emphasis in electrical failure analysis involving property, injury, and liability claims. Mr. Guerra has investigated over 1200 incidents. He has testified in numerous depositions and trials.

Licenses and Certifications:

Professional Engineer, FL, #56080
Standard Inspector, FL, #BN0002197
Certified Fire and Explosion Investigator, NAFI, #13454-6690
Radiation Safety Officer for X-ray Machines, #JR4161100

Project Experience:

Westinghouse, Uruguaiãna, Brazil **Industrial Fire – Expert for Defendant**

A fire located in the control room of a power plant had to be investigated expeditiously and with proficiency to minimize business interruption to global customers.

Xanadu Beach Resort, Freeport, Grand Bahamas **Commercial Fire – Expert for the Plaintiff**

This fire involved a 3-story hotel building that required detailed documentation and analysis to eliminate potential electrical ignition sources.

"XYZ" Insurance Company v. "ABC" Factory Service, Plantation, Florida *(party names were removed for confidentiality)*

Residential Fire - Expert for the Plaintiff

This investigation involved an appliance contractor that caused a residential fire by deliberately bypassing a product safety device.

"XYZ" Shopping Plaza, Fort Lauderdale, Florida *(party names were removed for confidentiality)* **Parking** **Lot Illumination - Expert for the Defendant**

This project involved a personal assault in a commercial parking lot whereby a detailed illumination survey and analysis was instrumental.

"XYZ" Marina, Jupiter, Florida *(party names were removed for confidentiality)* **Electrocution - Expert for the Defendant**

This electrocution involved a contractor that was electrocuted by assuming de-energized circuits and lack of Personal Protective Equipment (PPE).

Professional Experience:

RGA Consulting Engineers, Inc., President, Sunrise, FL, 2003 to Present SEA
Consulting, Inc., Project Engineer, Ft. Lauderdale, FL, 1999 to 2003
EDF Company, Senior Facilities Design Engineer/Project Leader, WPB FL, 1994 – 1999 City of
Boca Raton Building Division, Electrical Inspector/Plans Reviewer, Boca Raton, FL, 1995 – 1996
Todd Carey & Associates – Consulting Engineers, Senior Electrical Designer, Ft.
Lauderdale, FL, 1993 – 1994

Specialized Education:

Numerous Fire Investigation and Electrical seminars. Listing available upon request.

Education:

Bachelor of Science, Electrical Engineering, University of Miami, Miami, FL, 1987

Affiliations:

National Fire Protection Association National
Association of Fire Investigators
Florida Advisory Committee on Arson and Prevention
International Association of Electrical Inspectors

** Litigation CV available upon request.