

FORCON INTERNATIONAL

CURTIS E. FALANY, P.E.

EDUCATION

University of South Florida – Graduate Studies in Chemical Engineering, Process Control Specialty; 1991
University of South Florida – Graduate Studies in Engineering Science; 1971 – 1973
Florida State University – Graduate Studies in Engineering Science; 1970
Florida State University – Bachelor's in Engineering Science; 1969

REGISTRATIONS & CERTIFICATIONS

Registered Professional Engineer in the following States:

- Alabama #: 32507-E
- Delaware #: 23015
- Florida #: 15875
- Georgia #: PE043090
- Illinois #: 062.070900
- Kentucky #: 34665
- Louisiana #: 42368
- Mississippi #:29384
- North Carolina #: 047669
- North Dakota #: PE-27536
- Oklahoma #: PE-31511
- Pennsylvania #: PE085447
- South Carolina #: 35358
- Tennessee #: 121881
- Texas #: 134689
- Utah #: 10932000-2202
- West Virginia #: 21981

Board Certified Diplomat in Forensic Engineering by NAFE #: 746M
Certified Building Contractor - Florida #: CBC-1252457
Certified Electrical Contractor - Florida #: EC 477
General Radiotelephone Operator License - #PG7T10053

ASSOCIATIONS & MEMBERSHIPS

Florida Engineering Society (F.E.S.) #: 9018252
Institute of Electrical and Electronic Engineers (I.E.E.E.) #: 90215851
National Academy of Forensic Engineers (N.A.F.E.) #: 746M
National Fire Protection Association (N.F.P.A.)
National Society of Professional Engineers (N.S.P.E.) #: 300030655
Utility Arborist Association
Florida Electrical Contractor's Licensing Board, Board (2006 – 2007)

CAREER HISTORY

FORCON International – Electrical Engineer

Consulting in complex electrical and electronic systems, including computers, communications, networks, office automation, electrical power and control systems. Forensic investigator and expert witness in matters involving injury or loss of life from electrical contact in addition to a wide variety of failures and losses, including fires and injuries from known or unknown causes such as lightning and electrical surges, equipment malfunction and human resource failure..

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J. B. Shepherd & Company, Inc. - President and Principal Engineer

Electrical and Forensic Engineering firm that provides expert opinions and strategic advice to Attorneys and Corporations in support of litigation involving technical issues. The firm's primary focus is on accident investigation, electrical safety, electrocution, injury and/or property damage.

Curtis E. Falany, LLC - Managing Member

Providing Forensic Consulting Engineer and Expert Witness Services.

Qwik.Net Systems, Inc. - Founder, Officer, Director

An internet technology and hosting company specializing in innovative solutions for law, medical and insurance professionals.

ComputerMAX, Inc. - Founder, Officer, Director

Consulting in electrical systems, control systems and computer systems hardware, software design and programming. Forensic investigator and expert witness in computer systems and their operation, maintenance and installation.

Energy Control Contractors, Inc. - Founder, Officer, Director

A business that sold and serviced process control computer systems and equipment worldwide for manufacturing, energy production and distribution, data communications, telecommunications and space/defense. It specialized in MODCOMP based computer control systems and successfully developed and marketed to MODCOMP users, several aftermarket memory and 'ramdisk' products. The company was sold in 1987 to a group of investors in and moved to Ocala, FL.

- Southern Memory Devices, Plant City, FL; Founder, Officer, Director of a worldwide dealer in rotating memory devices for real time and process control applications. This company was merged into Energy Control Contractors, Inc.
- EGS Systems, Inc., Plant City, FL; Founder, Officer, Director of a computer software development and consulting firm. The company became involved in industrial control design and electrical engineering and was eventually merged into Energy Control Contractors, Inc.

James Linick and Associates, Consulting Engineers - Chief Electrical Engineer

Specializing in electrical lighting and power distribution design, data acquisition and control, process control system design and turn-key construction. Purchased the computer systems capabilities from James Linick and Associates and formed EGS Systems, Inc.

C. E. Falany, Electrical Contractor a/k/a Falany Electric - Sole Proprietor

Licensed electrical contractor, residential, commercial, light industrial electrical design-build firm. Merged into other interests, principally ComputerMAX, Inc. and Curtis E. Falany, LLC.

College of Engineering, University of South Florida - Tampa, FL - Adjunct Faculty

Research in computer based data acquisition and control and process control. Research and Development in Nuclear Magnetic Resonance.

Advanced Development Laboratory, Honeywell Information Systems - R&D Engineer

Specializing in data communications research and development.

PRESENTATIONS/PUBLICATIONS

- "Forensic Investigation of Electric Shock Drowning: Speculation vs. Reality", National Academy of Forensic Engineers Seminar, Denver, CO, July 2019.
- "Forensic Investigation of Wild Land Fires of Suspected Electrical Origin", National Academy of Forensic Engineers Seminar, New Orleans, LA, Jan 2017.
- "Forensic Engineering Analysis of Lightning Strike and Surge Losses", National Academy of Forensic Engineers Seminar, Minneapolis, MN, July 2013.

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- “A ‘Heads Up’ on Knock-Offs, Copies, Counterfeits and Chinese Copies”, Southern Surety and Fidelity Claims Conference, April 2011.
- “The Case of the Knock-Off Motor”, EC&M, Penton Media, Inc., Overland Park, KS, September 2007.
- “Determining Fault in Electrical Contact Injuries”, The Consultants Perspective, a Sugar Publication, Summer 2007.
- “Portable Generators and Surge Protectors Can Make a Fiery Combination”, The Consultants Perspective, a Sugar Publication, March 2007.
- “Surety, Technology, and Intellectual Property”, Northeast Surety and Fidelity Claims Conference, September, 2003.

REPRESENTATIVE CASES - SURETY

- Variable message signs and control systems for the Depressed Artery ‘Big Dig’ Project in Boston, Massachusetts.
- Hospital fire alarm system for the Naval Hospital, Camp Lejeune, North Carolina.
- Sewage treatment plant control system including SCADA, employee dispatch, and capital equipment tracking, Camden, NJ.
- Computer aided dispatch system, all emergency services, Clearwater, FL.
- Secure communications infrastructure, Ft. Belvoir, VA.

REPRESENTATIVE CASES - PROPERTY AND CASUALTY

Electrical Contact

- Death of workers moving scaffolding - contact with utility company power lines, Jennings, Florida.
- Injury of worker on roof directing crane - contact with utility company power lines, Miami, Florida.

Electrical Fires

- Fire of electrical cause and origin in mall electric service entrance, Queens, New York.
- Fire of electrical cause and origin in engine room of ocean going barge, Florida.

Facilities Damage

- Damage to underground communication infrastructure where contractor drilling for pilings hit copper and fiber cable, Pensacola, Florida.
- Damage to underground communication infrastructure where contractor installing new service hit existing copper and fiber cable, Atlanta, Georgia.

Lightning or Surge Damage

- Electrical, electronic, and computer systems, multiple locations, Florida.

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Curtis E. Falany, P.E. – Deposition and/or Trial Summary

Date	Case Name	Location	Retained By
03/09/2020	The Estate of Doris L. Sheldone, by and through Randolph James Sheldone, Personal Representative v. The Oaks Bradenton TRS, LLC; Legend Senior Living, LLC; Master HC TRS, LLC A/K/A HC Master TRS, LLC; HC Operating Partnership, LP; Sentio HealthCare Properties, OP, L.P. A/K/A Sentio Healthcare Properties OBCP; Sentio HealthCare Properties, Inc; Sentinel RE Investment Holdings, LP; Sentio Investments, LLC; Beverly Huizenga (as to Windsor Oaks of Bradenton); Jackson Furniture Industries, Inc. D/B/A Catnapper; Raffel Systems LLC; Kane Furniture Corporation; and Kayline, Inc. Deposition – Case No. 2017-CA-001070	In the Circuit Court of the Twelfth Judicial Circuit in and For Manatee County, State of Florida, Civil Division	Wilkes & McHugh, P.A. for the Plaintiff
01/14/2020	Karen Rosciano, vs. Duke Energy Florida, LLC, a Florida Liability Company Trial – Case No. 2016CA-02993-0000-00	In the Circuit Court of the Tenth Judicial Circuit in and For Polk County, Florida, Civil Division	Morgan & Morgan for the Plaintiff
12/19/2019	Cynthia Basset, et al. vs Northwestern Electric Cooperative, Inc. Deposition - File No: CJ-2018-6	In the District Court of Woodward County for the State of Oklahoma	Gungoll, Jackson, Box & Devoll, P.C. for the Plaintiff
08/29/2019	Estate of James Ronald Price vs Duke Energy Carolinas, LLC Deposition - File No: 18 CVS 852	In the General Court of Justice, Superior Court Division, Cleveland Country, State of North Carolina	Schweizer & Associates, PLLC for the Plaintiff
04/23/2019	Jozef Wieczorek vs Commonwealth Edison Company, Asplundth Tree Expert Company, et al Deposition - Case No. 15 L 3909	In the Circuit Court of Cook County, Illinois, County Department – Law Division	Clifford Law Offices for the Plaintiff
03/05/2019	Karen Rosciano vs Duke Energy of Florida, LLC Deposition - Civil Division Case No. 16-CA-002993	In the Circuit Court of the Tenth Judicial Circuit In and For Polk County, Florida	Morgan & Morgan for the Plaintiff
07/10/2018	Seascape Aquarium, Inc. vs Associated Diversified Services, Inc. Deposition - Civil Action No. 8:17-CV-2137	In the United States District Court for the Middle District of Florida	Fergeson Skipper, P.A. For the Plaintiff
05/17/2018	Wayne R. Philo vs Armstrong Service, Inc., et al Deposition - Case No. ST-2016-CV-685	In the Superior Court of the Virgin Islands, Division of St. Thomas and St. John	Joel Holt, Esq. For the Plaintiff
08/22/2017	Wayne Earick and Kathy Earick v Gerdau Ameristeel, Inc. and Reggie Adams Deposition - Case No. 2016-CA-001767	In the Circuit Court of the 4th Judicial Circuit for Duval County, FL	Boyd & Jenerette, P.A., For the Defense

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Date	Case Name	Location	Retained By
08/07/2017	Ernesto Jimenez v Florida Power and Light Company and Kilowatt Electric Company Deposition - Case No. 12-23671 CA 30	In the Circuit Court of the 11th Judicial Circuit in and for Miami-Dade County Florida	Lane, Reese, Summers & Ennis, P.A., For the Defense
03/20/2017	Goldman v Dell, Simplo, AG Chem Deposition Continuation - Case No. 12-CA-000630	In the Circuit Court of the 20th Judicial Circuit in and for Lee County, Florida	Counsel for the Plaintiff
12/07/2016	Goldman v Dell, Simplo, AG Chem Deposition - Case No. 12-CA-000630	In the Circuit Court of the 20th Judicial Circuit in and for Lee County, Florida	Counsel for the Plaintiff
05/24/2016	Employee: Raymond Garcerant Employer: Teksystems, Inc. Carrier: ESIS Deposition - Claim # C877C1307328, OJCC No: 15-025166CMH	State of Florida, Division of Administrative Hearings Office of the Judge of Compensation Claims, District "Miami Dade" Office	Counsel for the Carrier
03/08/2016	Barry Harris and Andrea Harris v Florida Public Utilities Company & Florida Power & Light Deposition - Case No. 2013 CA 011687 AB	In the Circuit Court of the 15th Judicial Circuit in and for Palm Beach County Florida	The Defendant, FP&L
05/19/2015	Estate of Robert Goberman vs Out of Door Academy of Sarasota, Inc. Deposition - Case No. 2011 CA 009250 NC	In the Circuit Court of the 12th Judicial Circuit in and for Sarasota County, FL	Wicker, Smith for the Defense