Flaherty Engineering Consulting

CURRICULUM VITAE – CHRISTOPH J. FLAHERTY, P.E., C.F.E.I.

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Academic Background

M.S., Electrical Engineering, Tufts University, 1994
B.S., Physics, United States Naval Academy, 1992
Certified Fire and Explosion Investigation Program, National Association of Fire Investigators, 2004

Registration and Qualifications

Naval Nuclear Propulsion Engineer
Licensed Professional Engineer, District of Columbia, License No. PE901659
Certified Fire and Explosion Investigator, National Association of Fire Investigators

Professional Experience

Senior Electrical Engineer, Flaherty Engineering Consulting, LLC, 2009-present
Electrical Engineering Faculty, United States Naval Academy, 2006-2012
Courses/subjects taught: Electrical Circuits, Power Generation and Distribution, Electrical Motors, Power Supply Design, Fiber Optical Communications, Signals and Systems
Consulting Electrical Engineer, CED Investigative Technologies, Inc., 2006-2012
Senior Electrical Engineer, CED Investigative Technologies, Inc., 2003-2005
Optical Engineer/Laser Safety Officer, Lumera, Inc., 2001-2003
Nuclear Propulsion Plant Engineering Instructor, Trident Training Facility, 1999-2001
Strategic Missile Officer and Quality Assurance Director, USS Florida (SSBN 728), 1997-1999
Shift Maintenance Coordinator and Engineering Watch Officer, USS Florida (SSBN 728), 1996-1999
Naval Nuclear Propulsion and Submarine Training, United States Navy, 1994-1995

Professional Societies

Institute of Electrical and Electronics Engineers (IEEE)
National Fire Protection Association (NFPA)
National Association of Fire Investigators (NAFI)

Areas of Expertise

- Electrical consumer products including appliances, tools, computers, extension cords, and surge protectors
- Electrically ignited fires
- Electrical grounding and electrical shock
- Electrical commercial and industrial equipment including electric motor operated pumps, fans, and HVAC units
- Electrical power generation and distribution, including switchgear design, installation, and maintenance
- Residential and commercial building wiring
- Electrical control systems
- Conduct of work on electrical systems, including lockout/tagout procedures and other OSHA requirements