

W. Barry Donovan, P.E.

EMPLOYMENT

Vice President/Senior Consulting Engineer January, 2012 to Present

WORKPLACE SAFETY SOLUTIONS, INC.

- Perform electrical engineering studies such as arc flash hazard analysis, coordination studies and short circuit studies
- Prepare proposals for electrical engineering studies and associated training

Manager – Substations South 1.5 Years

GREEN MOUNTAIN POWER (FORMERLY CENTRAL VERMONT PUBLIC SERVICE)

- Responsible for safe and efficient operation and maintenance of substations
- Ensure compliance with OSHA and Company rules
- Manage response to outages and emergencies
- Work with other departments (Relay, Generation, Telecommunications, Transmission & Distribution) to support maintenance activities both inside and outside substation fence
- Manage rubber goods testing facility
- Manage transformer repair shop

Operations Manager 2 Years

VERMONT MARBLE POWER DIVISION OF OMYA, INC., PROCTOR, VT

- Responsible for the safe and efficient operation and maintenance of all generation, transmission and distribution facilities.
- Responsible for regulatory compliance
- Plan Capital Improvement budget
- Ensure compliance with OSHA rules
- Perform electrical engineering duties, such as coordination studies, specification of equipment, etc.
- Supervise Operations Engineer, Maintenance Supervisor and Customer Service Manager

Consultant 8 Years (concurrent with Vermont Marble and GMP/CVPS)

WORKPLACE SAFETY SOLUTIONS INC, COLCHESTER, VT

- Performed Arc Flash Hazard Analysis for clients in industries ranging from industrial, hospital and commercial.
- Performed Protection and Coordination studies in conjunction with Arc Hazard Analysis studies.

Superintendent 10 Years

VERMONT MARBLE POWER DIVISION OF OMYA, INC., PROCTOR, VT

- Responsible for the safe and efficient daily operation and maintenance of all generation, transmission and distribution facilities.
- Plan, schedule and direct the daily work of all unionized operations and maintenance personnel
- Plan and implement safety and technical training of subordinates
- Ensure compliance with OSHA rules
- Develop an on-going preventative maintenance (PM) program and schedule all PM activities
- Perform electrical engineering duties, such as coordination studies, arc flash hazard analysis, specification of equipment, etc.

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Electrical Engineer 2 Years

VERMONT MARBLE POWER DIVISION OF OMYA, INC., PROCTOR, VT

- Responsible for all facets of maintenance on electrical equipment including high voltage circuit breakers and transformers, battery systems, motors, and medium voltage circuit breakers
- Supervise union electricians in day to day work assignments
- Perform power flow and short circuit studies using EasyPower software program

Maintenance Engineer – Electrical 4 Years

VERMONT YANKEE NUCLEAR POWER CORPORATION, VERNON, VT

- Responsible for all facets of maintenance on electrical equipment including high voltage circuit breakers and transformers, battery systems, motors, and medium voltage circuit breakers
- Supervise contractors in maintenance of switchyard equipment and relay calibrations
- Work with in-house craft troubleshooting and resolving equipment problems
- Manage Maintenance Electrical Engineering budget of ~\$1.6 million
- First use of Westinghouse trip device on GE breaker in response to NRC Information Notice
- Hire and supervise co-op students for Electrical Maintenance Department
- Supervise staff augmentation engineers

Radiation Monitor System Engineer <1 Year

NEW YORK POWER AUTHORITY, INDIAN POINT 3 NUCLEAR PLANT, BUCHANAN, NY

- As System Engineer, responsible for design, maintenance and testing of all permanently installed radiation monitors in plant

Instrument and Control Engineer 4 Years

NEW YORK POWER AUTHORITY, INDIAN POINT 3 NUCLEAR PLANT, BUCHANAN, NY

- Project Manager for I&C Procedure Upgrade Project to upgrade ~800 procedures to meet INPO 85-026 guidelines
- Developed Calibration Trending and Frequency Programs
- Performed technical review of proposed plant modifications
- Resolved technical issues relating to I&C equipment
- Supervised contractor I&C Engineers
- Supervised co-op students

Assistant Plant Engineer - Technical Services Department 3.5 Years

NEW YORK POWER AUTHORITY, INDIAN POINT 3 NUCLEAR PLANT, BUCHANAN, NY

- Prepared design modifications on various plant systems
- Major design projects included Reactor Vessel Level Instrumentation System, Core Exit Thermocouple Upgrade and Turbine Supervisory Instrumentation Upgrade

Assistant Supervisor – Electrical Maintenance 1.5 Years

UNITED ILLUMINATING COMPANY, NEW HAVEN, CT

- Supervised union electricians performing maintenance on fossil fueled power plant and substation electrical equipment
- Supervised crews during outages on the back shifts
- Performed start-up testing following a coal re-conversion of power plant

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Distribution Design Engineer 2 Years

UNITED ILLUMINATING COMPANY, NEW HAVEN , CT

- Designed distribution systems up to 13.8 kV
- Performed Feeder Analysis studies

EDUCATION

Bachelor of Science - Electrical Engineering

ROCHESTER INSTITUTE OF TECHNOLOGY

1982

ROCHESTER, NY

SKILLS

Completed the following specialized training courses:

- Foxboro Process Control Technology
- Foxboro Process Measurement Technology
- Westinghouse Power System Protective Relaying
- Bently Nevada Machinery Monitoring
- Doble Test School
- Sorrento Electronics Digital Radiation Monitors Course
- INPO Accredited Technical Staff Training - Indian Point 3
- INPO Accredited Technical Staff Training - Vermont Yankee
- Multi-Amp Protective Relay Maintenance
- SD Meyers Transformer Maintenance Institute
- JW Harley Compressor School
- H Parker & Company, Inc. Voltage Regulator School
- NMAC Stationary Battery Workshop
- HPC Technologies Hydroelectric Turbine Generator Operations & Maintenance Workshop
- HPC Technologies Hydroelectric Turbine Governors Workshop
- Power Technologies, Inc. Power Distribution Systems
- ECNE Transmission Line Design
- ECNE Distribution Line Design
- OSHA 30 Hour Course

ACHIEVEMENTS

- Eagle Scout
- Professional Ski Instructor of America – Level 3 Certified
- Licensed Professional Engineer, Electrical – Power, Vermont Number 8806
- Licensed Professional Engineer – Electrical, New Hampshire Number 14143
- Registered Professional Engineer – Electrical, Rhode Island Number 11066
- Licensed Professional Engineer – Electrical, New Jersey Number GE52234