Intern-Fire Protection Engineering

Location: Richmond, Virginia

Summary & Responsibilities
This intern position will provide direct support to the Dominion Corporate Risk Engineering (CRE) group. This is an exciting time for Dominion as the company is currently engaged in large-scale energy infrastructure construction projects that include: one of the nation’s selected terminals for LNG exportation, highly efficient combined-cycle gas power plants, the East Coast natural gas transmission line extension, off-shore wind turbines, and solar generation expansion.

The intern will support the CRE group in the protection and/or loss prevention aspect for these large scale construction projects along with multiple in-house projects that support Dominion’s existing power generation fleet and natural gas processing facilities. Project support activities will include design and bid evaluations, fire protection system specifications, contract support and review, construction walk-downs, site inspections and final system acceptance tests. The CRE group provides additional support to the Corporate Risk Management group in conducting Property and/or Boiler & Machinery Risk inspections for their annual insurance renewal program. During these inspections, the CRE group will attend and coordinate the inspection with a third-party consultant.

This position will provide real-life examples to assist the individual in the understanding of engineering principles and industrial risk reduction strategies. The intern will work beside experienced engineers and assist with varied tasks involving real “risk assessment and hands-on engineering.” Assignments will include applying fire protection engineering principles and standards to develop practical risk reduction solutions.

Job Qualifications
The position requires a solid understanding of related fire protection engineering principles and the ability to apply academics to real-life opportunities. The engineering intern should possess:

Solid engineering skills commensurate with grade level; ability to follow written and verbal procedures; good professional ethics; oral and written communication skills (includes technical writing); planning, organizing, and project skills; ability to coordinate multiple tasks; basic computer skills and application of software programs; analytical and abstract thinking skills; ability to apply engineering theories and concepts to industrial problems.
Education
Students must be working towards completing a bachelor’s degree or master’s degree in engineering, Fire Protection Engineering preferred, and have completed their sophomore year (by May 2016) with a cumulative GPA > 2.5 at an ABET accredited university to be considered. Prefer rising juniors and seniors (an anticipated graduation date between December 2016 and May 2018).

Valid driver's license required.

Working Conditions
60+% Office Work Environment

<40% Travel to visit operating industrial facilities and construction sites as necessary to perform inspections and ensure successful completion of projects; may be subject to construction hazards, inclement weather conditions, cold, dust / grease / oil, energized wires, fumes, heat, loud noise, operating machinery, outdoors, radiation and high noise levels.

Sponsorship
At this time, Dominion cannot transfer nor sponsor a work visa for this position. Applicants must be authorized to work for any employer in the United States without visa sponsorship.

About Us
Dominion is one of the nation’s largest producers and transporters of energy, with a portfolio of approximately 24,600 megawatts of generation, 12,400 miles of natural gas transmission, gathering and storage pipeline and 6,455 miles of electric transmission lines. Dominion operates one of the nation’s largest natural gas storage systems with 949 billion cubic feet of storage capacity and serves utility and retail energy customers in 12 states.

Application Process
To apply for this opportunity, please visit our corporate website to apply:

https://campusconnection-dominion.icims.com/jobs/7810/intern--fire-protection-engineer/job