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Fire Protection Engineering Intern (Summer 2021)

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Date: Oct 14, 2020

Location: RICHMOND, VA, US, 23219

Company: Dominion Energy

At Dominion Energy we love our jobs. That's right. Love. Every day we go to work filled with passion to be excellent, to creatively problem solve and to innovate. These are exciting days for energy companies, and Dominion Energy aims to shape the future of energy in America. We are looking at all of our work with fresh eyes, retooling everything we do, in every part of the company, to operate more sustainably and to deliver energy more reliably than ever. We are looking for interesting, independent thinkers and doers who can help shape the culture of a forward-looking company that's proud of its rich legacy. Are you a change agent? Do you think differently? Do you want to fall in love with your job? If you answered "yes," then read on!

At this time, Dominion Energy cannot transfer nor sponsor a work visa for this position.

Job Summary

You will provide support for Dominion's Corporate Risk Engineering group supporting the Corporate Risk Management group during the annual insurance renewal period. In addition to general support of the insurance renewal process and periodic facility inspections, the intern will also provide support to several construction projects. These include the protection and/or loss prevention features of numerous commercial, power generation, and energy storage facilities. All forms of fire detection and protection systems are present in Dominion Energy facilities, including special hazard systems such as clean agent, CO2, low and hi ex foam, dry chemical, hybrid water mist, and water spray. The intern will also participate with the project team in construction projects, such as peaking combustion turbines, offshore wind, a peak shaving LNG terminal, and battery energy storage facilities. Project support activities will include participation in the development of fire protection system specifications, design and bid evaluations, construction walkdowns, and participation in and review of system final acceptance tests.

The intern will work with degreed and/or licensed Fire Protection Engineers. The intern will assist with 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.

As the intern you will provide real-life examples to assist the individual in the understanding of engineering principles and industrial risk reduction strategies. The position requires a good understanding of related fire protection engineering principles and the ability to apply academics to real-life opportunities. The intern will provide assistance on various natural gas & power generation facility projects. Limited exercise of judgment will be required on details of work and in making preliminary selections and adaptations of risk reduction alternatives. May interface with other departments, contractors and vendors to gather information and coordinate projects.

Perform other duties as requested or assigned.

Required Knowledge, Skills, Abilities & Experience

- Must be a full-time student currently working towards completing a ABET accredited Bachelor's or Master's degree in Fire Protection Engineering
 - Fire Protection Engineering preferred

- Must have an anticipated graduation date between December 2021 and May 2023
- Must have a GPA of 2.5 or greater
- Valid driver's license required
- Solid engineering skills commensurate with grade level,
- An inquisitive nature,
- The ability to follow written and verbal procedures,
- Good professional ethics,
- Oral and written communication skills (includes technical writing).
- Planning, organizing, and project skills.
- Effective decision-making 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 Requirements

- Must be a full-time student currently working towards completing a ABET accredited Bachelor's or Master's degree in Fire Protection Engineering
- Fire Protection Engineering preferred
- Must have an anticipated graduation date between December 2021 and May 2023
- Must have a GPA of 2.5 or greater

Licenses, Certifications, or Qualls Description

Working Conditions

Other Working Conditions

Occasional overnight travel will be required.

Test Description

No Testing Required

Export Control

Certain positions at Dominion Energy may involve access to information and technology subject to export controls under U.S. law. Compliance with these export controls may result in Dominion Energy limiting its consideration of certain applicants.

Other Information

We offer excellent plans and programs for employees. Employees are rewarded with a competitive salary and comprehensive benefits package which may include: health benefits with coverage for families and domestic partners, vacation, retirement plans, paid holidays, tuition reimbursement, and much more. To learn more about our benefits, click here dombenefits.com.

Dominion Energy is an equal opportunity employer and is committed to a diverse workforce. Qualified applicants will receive consideration for employment without regard to their protected veteran or disabled status.

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