Fire Protection Engineer I

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.

This position does not offer relocation assistance.

**Job Summary**
Dominion’s Corporate Risk Engineering group provides loss control support to all of Dominion’s business units as well as the engineering interface to our insurers. We are heavily involved in the transition to renewable energy with projects such as offshore wind and battery energy storage. These projects as well as support to our existing facilities provide an opportunity to our engineers to mitigate complex loss control and fire protection hazards that are not typically seen outside of industrial fire protection.

Project support activities will include participation in the development of fire protection / loss control system
specifications, design and bid evaluations, construction walkdowns, and participation in and review of system final acceptance tests. These include the protection and/or loss control features of numerous commercial, power generation, LNG, offshore wind, 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 agents, CO2, low and hi ex foam, dry chemical, hybrid water mist, and water spray.

This entry level role will work in all conventional aspects of Fire Protection Engineering. The position will perform and/or review engineering calculations, analysis, research and design. The position will also provide cost analysis as needed and develop recommendations based on calculations (e.g. cost for equipment upgrade) for management review. Under direction of supervisor or work leader this individual will exercise some independence in evaluating, selecting and applying loss control and fire protection standards or well-defined fire protection engineering techniques, procedures and criteria. The application of fire protection engineering principles, industry standards and other guidance to develop risk reduction solutions is critical to this role.

Required Knowledge, Skills, Abilities & Experience
0-2 years of experience in fire protection engineering. The candidate must possess (or will possess by June 2022) an ABET accredited engineering degree specifically in fire protection engineering or possess a current or expired P.E. in fire protection engineering.

Basic Qualifications

- Ability to apply engineering theories and concepts to complex problems
- Oral and written communication skills (includes technical writing)
- Effective decision-making skills
- Computer skills and application of software program
- Analytical and abstract thinking skills
- Problem solving skills
- Ability to develop effective planning, project and organization skills
- Ability to develop project management skills and to handle multiple tasks
- Ability to work within a team environment
- Ability to interpret codes, regulations and practices

The company is actively seeking United States military veterans and service members who meet the qualifications outlined below.

- Military service members and veterans with ranks from E3-E5, W1-W2, or O1-O3, plus appropriate equivalent combination of education and years of experience as outlined above.

Education Requirements
Required: Possess a Bachelor’s or Master’s ABET certified degree in Fire Protection Engineering or will possess a Bachelor’s or Master’s ABET certified degree in Fire Protection Engineering by June 2022

Note: A current or expired P.E. license in Fire Protection Engineering may be substituted for the required degree in Fire Protection Engineering.

REQUIRED ENGINEERING CRITERIA:
For placement of a candidate in the Engineer job series, the following criteria must be met:
Possess a 4-year engineering degree from an ABET accredited engineering program based on the year that
the engineering program was accredited by ABET, or
Possess a 4-year engineering degree from an institution outside of the U.S. which is accredited through the
country's own engineering accrediting body under the Washington Accord as a full signatory, and is a degree
that was recognized by the country's accrediting body on or after the date that full signatory status was
achieved, or
Possess a 4-year engineering degree from a non-ABET accredited program and a post-graduate engineering
degree from an institution where the undergraduate degree in the same engineering discipline is ABET
accredited based on the year the engineering program was accredited by ABET, or
Possess a 4-year degree in Physics, Chemistry, Math or Engineering Technology and a post-graduate
engineering degree from an institution where the undergraduate degree in the same engineering discipline is
ABET accredited based on the year the engineering program was accredited by ABET, or
Holds or has previously held a valid U.S. Professional Engineer license.

**Working Conditions**
Cold Up to 25%
Energized Wires Up to 25%
Heat Up to 25%
Loud Noise Up to 25%
Office Work Environment 76-100%
Operating Machinery Up to 25%
Radiation Up to 25%
Travel 26-50%

**Other Working Conditions**

**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.
You can experience the excitement of our company – it's the difference between taking a job and starting a
career.

**Top 3 Reasons to Work at Dominion Energy**
There are many reasons to work at Dominion Energy, but below are the top three employees have shared with us. Click on each of the links to learn more!

1. Safety Centric Work Environment
2. Generous Pay and Benefits
3. Collaborative & Inclusive Culture

Our Commitment to NetZero by 2050

Over the last 10-15 years, we have reduced carbon emissions by more than 50% and methane emissions by 25%, but that's just the start. By 2050, we will achieve net zero greenhouse gas emissions across all of our electric and natural gas operations. We are taking immediate action to reduce emissions as quickly as possible, while also exploring new technologies to accelerate future progress.
Nearest Major Market: Richmond
Job Segment: Engineer, Construction, Testing, Project Manager, Engineering, Research, Technology

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