Fire Protection Engineer I

Summary & Responsibilities

There is one position available that will be filled at either the Engineer I, Engineer II, or Engineer III level commensurate with the selected candidate's skills and abilities.

Fire Protection Engineer I:

Entry or developmental level position providing fire protection engineering support and property loss prevention consulting at operating and under construction power generation facilities, natural gas extraction plants, natural gas pipeline facilities, LNG import/export terminal, commercial facilities and office buildings. The position will perform fire protection engineering calculations, analysis, research and design. Under direction of supervisor or work leader, the individual will perform routine assignments designed to develop professional engineering work knowledge, gain familiarity with techniques, approaches, practices and the nature of engineering systems, equipment, etc. and to develop the ability to apply fundamental fire protection engineering principles and techniques, procedures and criteria in carrying out sequence of related engineering tasks. Limited exercise of judgment is required on details of work and in making preliminary selections and adaptations of engineering alternatives. The application of fire protection engineering principles, industry standards and other guidance to develop risk reduction solutions is critical to this role.

Job Qualifications

Engineer I:

- 0-1 year work experience or completed multiple internships. Willing to consider candidate that is currently enrolled in a fire protection program from an accredited engineering college or university with projected graduation date of December 2015 or May 2016.
- Basic knowledge of engineering concepts, fundamentals and theory
- Oral and written communication skills (includes technical writing)
- Effective decision making skills
- Computer skills and application of software programs
- 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 learn to apply engineering theories and concepts to complex problems
- Ability to interpret codes, regulations and practices
**Education Required**
For placement of a candidate in the Engineer job series, the following criteria must be met:

- Possess a 4-year fire protection or mechanical engineering degree from an ABET accredited engineering program based on the year that the engineering program was accredited by ABET
- Possess a 4-year fire protection or mechanical 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
- Possess a 4-year fire protection or mechanical 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
- Possess a 4-year degree in Physics, Chemistry or Math 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
- Holds or has previously held a valid Professional Engineer license

**Working Conditions**
- Cold Up to 25%
- Dust / Grease / Oil Up to 25%
- Energized Wires Up to 25%
- Heat Up to 25%
- Loud Noise Up to 25%
- Operating Machinery Up to 25%
- Office Work Environment 76-100%
- Radiation Up to 25%
- Travel Up to 40%

**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.

**Relocation**
This position does not offer relocation assistance.
Overview

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.

Our company is built on a proud legacy of public service, innovation and community involvement. In addition to our core energy production, transportation and storage businesses, we invest in communities where we live and work and by practicing responsible environmental stewardship wherever we operate.

Diversity is linked to every aspect of our business to include how we attract, develop and retain our future talent. An inclusive environment encourages the coming together of different talents, thoughts and energies. The company’s commitment to employing military veterans through the Troops to Energy Jobs program is one way we are able to ensure workforce diversity.

Additional 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.

Dominion 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.

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