Job #: 15215BR
Job Category: Engineering
Employment Type: Full-Time
Location: VA - Richmond

About Us: Dominion is one of the nation’s largest producers and transporters of energy, with a portfolio of approximately 27,500 megawatts of electric generation, 11,000 miles of natural gas transmission, gathering and storage pipeline and 63,200 miles of electric transmission and distribution lines. The company operates one of the largest natural gas storage systems in the U.S. with 947 billion cubic feet of capacity, and serves nearly 6 million utility and retail energy customers in 15 states.

Dominion has been chosen to serve as a featured company for the Troops to Energy Jobs program (T2EJ) through the Center for Energy Workforce Development (CEWD). To learn more about Dominion's commitment to active military and veterans, visit www.dom.com and search Military and Veterans.

Export Control Notification: 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.

Job Summary:
This position is in Dominion’s Corporate Risk Engineering (CRE) group. The role of CRE is to ensure the company’s operating earnings are met each quarter through the practice of mitigating; fires/explosions, boiler & machinery equipment/process failures, third party exposures, and other business interruptions.

Primary “Business Unit” areas of responsibility include:
- Power Generation
- Combined Cycle Gas/Steam Turbines
- Simple Cycle Gas Turbines
- Boilers utilizing a combination of gas/oil/ and coal
- Static Head Hydro
- Pump Storage Hydro
- Biomass (wood)
- Fuel Cell
- Wind
- Solar
- Nuclear
- Petrochemical Processing/Transmission/Storage Facilities
- Liquefied Natural Gas (LNG) Terminal
- Natural Gas Liquid (NGL) Extraction Facilities
- NGL Fractionation Facilities
- Gas Compression/Storage Facilities
- NGL Loadout Facilities (includes by truck, rail, and barge)

The Corporate Risk Engineer’s responsibilities for these major business unit areas include the following:
- Provide fire protection, and property, consulting and design support on large scale Engineering, Procurement, Construction (EPC) projects. Consulting and design support includes property/fire protection specification development, design review to NFPA codes and standards, construction review and system commissioning support.
- Support project activities on a site by site basis, which includes; participation in the development of fire protection system specifications, design and bid evaluations, construction review, and review of system final acceptance tests for a variety of systems. These assignments may include applying fire protection engineering principles, industry guidance, and standards to develop practical risk reduction solutions.
- Participation on project based hazard studies such as; U.S. Occupational Safety and Health Administration (OSHA) Process Safety Management (PSM) and Environmental Protection Agency (EPA) Risk Management Program (RMP) third party
regulation audits, as well as; participate in Process Hazards Analysis (PHA), Hazard and Operability (HAZOP), Layers of Protection Analysis (LOPA), and Safety Integrity Level (SIL) studies.
- Review and develop project Fire Hazards Analysis/Evaluations specific to the site and project.
- Interface and collaborate on the company’s Pressure Vessel Jurisdictional Inspection Program as regulated by each operating state.
- Management of a Corporate Level Fire System Inspection, Testing, and Maintenance program to ensure both the compliance with state fire prevention codes and the reliability of Dominion’s fire systems.

Corporate Risk Engineering also works within Dominion’s Corporate Risk Management group, and supports them in addition to the responsibilities above in the following ways:
- Provide information for the Insurance Renewal program.
- Assist and provide oversight on facility boiler & machinery inspections, fire protection/property inspections, and other all risk type inspections. These inspections occur in all business unit areas.
- Track and assist with resolution of recommendations resulting from facility inspections.
- Review and investigate major loss incidents to the company.
- Participate in Builder’s Risk Insurance consulting visits on major construction projects.
- Contribute input to property appraisals, such as; Maximum Forseable Loss (MFL) and Replacement Cost (RC) evaluations.

Knowledge, Skills & Abilities:
- Fire protection experience is strongly preferred
- 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 learn to apply engineering theories and concepts to complex problems
- Ability to interpret codes, regulations and practices
- 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

Education:
Required: Bachelor in Engineering (Fire Protection Engineering preferred)

For placement of a candidate in the Engineer job series, the following criteria must be met:
1. 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
2. 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
3. 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
4. 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, or
5. 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 25%

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.

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

Apply Here: http://www.Click2Apply.net/tkhw996