Role: Associate, Fire Protection Engineer

Location: Miami, FL

Website: https://spearmintenergy.com/
Contact: joinus@spearmintenergy.com

The Company:
Spearmint Energy aims to be the preeminent green merchant trading company developing, owning, operating, and trading around Energy Storage, Solar, and Wind to reduce grid volatility, increase system resiliency, and help to reduce Carbon emissions in a responsible and efficient way.

Summary:
Spearmint Energy is seeking a candidate with an academic background in Fire Protection Engineering to join our technology Team at our Miami, FL headquarters. This candidate will have a significant portion of their academic background coursework in Fire Protection Engineering with specialization in explosion protection, fire risk assessment and/or special hazard systems.

This position will report to the SVP of Technology and will support various technical tasks related to the technology selection, project development, construction, and operation of utility-scale battery energy storage projects throughout the United States. These duties will range from performing fire safety system assessments of new battery storage system suppliers, interpreting national and local codes and standards related to lithium-ion battery system fire safety, attending conferences related to battery system safety, interacting with local code and compliance organizations (i.e. "AHJ's") and providing subject matter expertise for operating projects.

Proposed Responsibilities:
- Maintain subject matter expertise knowledge of national codes and standards related to battery energy storage systems.
- Read and interpret technical documentation related to battery system life-safety and fire prevention detection/suppression systems.
- Review and approve Hazard Management Assessments (HMA's) for battery system safety.
- Using the FMEA process, analyze differing fire protection, life-safety and equipment preservation strategies.
- Attending Factory Acceptance Testing (FAT) for battery storage systems.
- Interact with local AHJ's during the siting and permitting process.
- Support Greenfield development efforts by assessing local code and compliance requirements for battery systems.
- Support M&A efforts by assessing proposed equipment designs, compliance with national and local codes and identifying gaps or risks.
- Maintain the Technology Team's battery technical repository.
- Assess industry best practices for fire detection/prevention and suppression and ensure these are incorporated into future projects.
- Leading RCA's for any safety systems events within the operating portfolio.
- Support the Director – Commercial Operations with optimizing operational activities for these systems.
- Ensure compliance with company policies in health, safety, security, equity, ethics, and governance.

Must-Haves:
- Bachelor's degree in Fire Protection Engineering or engineering field with significant coursework in fire protection engineering.
- Master's Degree in Fire Protection Engineering preferred.
- Ability to communicate technical and commercial information clearly and effectively to various stakeholders.
- Collaborative working style.
- Cooperative attitude with the ability to work with minimal daily direction.
- Proficient in MS Office and Outlook.
- Must have work authorization to work in the United States

Physical requirements and environment:
The work environment and physical demand characteristics align with the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions if such professional is selected. While the company's offices follow traditional business hours, given the nature of Spearmint Energy's business and the sector in which we operate, employees, including this position, may occasionally be required to conduct work outside of these hours as is typical in a client-first business. Such work may include communicating with contacts in other time zones, traveling, addressing particularly urgent matters related to projects under construction or in operations, and other circumstances.