

Position Title: Nuclear Licensing Engineer

Location: Remote

About Us As an emerging leader in nuclear engineering, our startup is developing revolutionary reactor technology to secure safe and abundant energy for future generations. We are seeking a highly motivated Nuclear Licensing Engineer to join our dynamic team and help us develop new molten salt technologies needed for our reactor design.

Job Summary We are seeking a self-starting Licensing Engineer with a strong background in the NRC regulatory processes to contribute to our cutting-edge molten salt reactor development program. The ideal candidate will have expertise in licensing and a passion for advancing Fissionaire's regulatory applications. This role involves the development of licensing application documentation, coordination with engineering for pre-application documentation such as white papers and topical reports, and meetings with the NRC, with a focus on molten salt reactors and related systems. This is a lead position where the candidate is expected to take ownership of many aspects of the licensing process.

Key Responsibilities

- Develop licensing strategies for the Weinberg test reactor and commercial reactor
- Assist in the development of the Weinberg environmental report and site application
- Assist in the planning and development of preapplication activities
- Manage the contracting support for development of appropriate licensing application documentation
- Provide licensing support to the other Fissionaire departments
- Provide mentorship for junior licensing engineers

Minimum Qualifications

- BS in an Engineering discipline from an accredited university
- Minimum of 10 years of nuclear industry experience with significant experience in licensing and regulatory affairs
- Experience with development of licensing application and documentation
- Excellent written and verbal communication skill for technical reporting and collaboration

Preferred Qualifications

- 5+ years in nuclear licensing
- Reactor vendor working experience

Fissionaire's technology is subject to U.S. export control regulations, which require the company to review applicants' eligibility based on their citizenship or residency status. As part of the application process, candidates will be asked to indicate whether they are a U.S. citizen, green card, lawful permanent resident, asylee, or refugee resident to support this review. Because government authorization timelines can vary, Fissionaire is unable to consider alternate resident statuses where required approvals may not be obtainable within a timeframe that meets business needs.

What We Offer:

- Competitive salary with equity options
- Comprehensive benefits, holiday and PTO schedule
- Opportunity to shape foundational operations in a groundbreaking nuclear startup

Fissionaire is an Equal Opportunity Employer that does not discriminate on the basis of actual or perceived race, colour, creed, religion, national origin, ancestry, citizenship status, age, sex or gender (including pregnancy, childbirth, pregnancy-related conditions, and lactation), gender identity or expression (including transgender status), sexual orientation, marital status, family or relationship structure, military service and veteran status, physical or mental disability, genetic information, gender identity, or any other characteristic protected by applicable federal, state, or local laws and ordinances. Fissionaire's management team is dedicated to this policy with respect to recruitment, hiring, placement, promotion, transfer, training, compensation, benefits, employee activities, access to facilities and programs, and general treatment during employment.

Benefits:

- Dental insurance
- Health insurance
- Life insurance
- Paid time off
- Vision insurance