

**Position Title:** Nuclear Safety Systems Integration Lead

**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 Chemical Engineer III to join our dynamic team and help us develop new molten salt technologies needed for our reactor design.

**Job Summary** Nuclear Safety Systems Integration Lead reports to the Director of Nuclear Safety and Licensing. This lead is a cross-discipline position. The primary intent is to support the code development effort of the nuclear safety department. The main need supplied by this position is to adapt information technology to the nuclear safety department. This position will support the database integration between nuclear safety, licensing, and the rest of the company.

### **Key Responsibilities**

- Lead the development effort for the systems integration of nuclear safety applications
- Lead in the development of the architectural support of nuclear safety and licensing IT related systems
- Provide input into the development of databases in support of the nuclear safety discipline.

### **Minimum Qualifications**

- BS in Nuclear / Mechanical Engineering or Information Technology from an accredited university
- At least 10 years of experience in IT systems integration within the nuclear industry

### **Preferred Qualifications**

- Advanced degree in nuclear or mechanical engineering from an accredited university
- At least 15 years of experience in IT systems integration within the nuclear industry
- Familiarity with MOOSE or other PYTHON based coupling of nuclear safety codes
- Experience in lead roles

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