

## Job Description

### Project Nuclear Civil Engineer

Location: Saint John, NB, Canada

Date: 23<sup>rd</sup> January 2019

#### **The Project:**

Moltex Energy is a nuclear development company designing a cleaner, cheaper form of nuclear power. The design is at concept stage and is undergoing review by the Canadian nuclear regulators with funding from a utility customer. The concept uses static molten salt fuel, in conventional fuel pins. Further information is available at [www.moltexenergy.com/learnmore](http://www.moltexenergy.com/learnmore). The sole aim is to produce power at a lower cost than fossil fuels. You will be joining a small growing team based in Saint John, New Brunswick with activity across the UK, Canada, USA and internationally.

#### **The Role:**

The role is required to support a USA-based project, working on development of SSR-W300 civil and structural design. Responsibilities include:

- Project leader for R&D grant programme, providing Moltex support and collaborating with US partners. This will involve technical coordination of the various activities as well as budget and schedule management.
- Writing design requirements for the civil and structural aspects of the design
- Writing and supporting safety case documents for the Canadian and UK regulator
- Overseeing design consultants carrying out civil and structural design and analysis including seismic studies.

The position will be based in Saint John, New Brunswick, Canada. International and national travel will be required as part of the role, specifically frequent travel between the Moltex NA office and project partners in USA.

#### **The Person:**

You will be open to innovation and new ways of doing things. You will demonstrate a desire to drive change. You will have good interpersonal skills, the ability to question and be frank with colleagues but also the ability to accept criticism and willingness to learn. The working environment will be flexible and results driven.

#### **Minimum Experience Required:**

-Over 5 years technical experience in civil and structural fields doing and managing design and analyses. Specific nuclear industry experience is preferred.

#### **Beneficial Experience:**

- engineering project management experience;
- knowledge of design requirements and codes/standards for nuclear civil/structural applications.

**Duration:**

Permanent, full time.

**Remuneration:**

Competitive.