

Job Description Chief Engineer

Location: Saint John, NB, Canada
Date: 17th October 2018

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. The concept uses molten salt fuel in conventional PWR style fuel pins. Further information is available at www.moltexenergy.com/learnmore. The sole aim is to produce power at a lower cost than by fossil fuels. You will be joining a small growing team based in Saint John with activity across the UK, Canada and internationally.

The focus will be on the New Brunswick project where will be leading the development of the Stable Salt Reactor Wasteburner reactor with intention to deploy the first demonstration reactor there.

The Role:

You will be responsible for leading the North American design activities including design of the Stable Salt Wasteburner reactor (SSR-W300) and design of the associated fuel fabrication facility WATSS from concept stage through detailed design and build. You will lead the design team ensuring that all elements of the plant design are accounted for and taken forward in synergy. You will need to understand all aspects of the design of a nuclear power plant.

You will recruit specialist expertise where required and source external support where required. You will report to the Chief Executive and work alongside the Head of Licensing & Regulatory Affairs and the Head of R&D. You will liaise with both teams to ensure they have the support needed to prepare their licensing documentation and experiments and they produce the appropriate information to proceed with the design.

It is not expected that you will have a prior knowledge of molten salt reactors but knowledge of designing and licensing commercial reactors is essential.

The position will be based in Saint John, New Brunswick, Canada. International and national travel will be required as part of the role.

The Person:

You will be open to innovation and new ways of doing things. You will demonstrate a desire to do things differently when they aren't right. 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 10 years managing multidisciplinary design teams in the civil nuclear field.

Beneficial Experience:

- managing design of nuclear fuel processing facilities;
- knowledge of design requirements and operation of nuclear fuel processing facilities.

Duration:

Permanent, full time.

Remuneration:

Competitive.

Minimal benefits with potential for share options as part of the package.

If you are interested please send a resume and cover letter to careers@moltexenergy.com