

## Technical Director – SSR-W

### Position summary

The SSR-W Technical Director will play a key role in the design of next generation nuclear reactors required to provide safe, clean, and reliable energy. The successful candidate will function as the interface between the project management and engineering teams, and being responsible to the Project Director for the definition and delivery of all engineering work packages.

**Position:** Technical Director – SSR-W

**Status:** Permanent, full-time

**Location:** Saint John, NB, Canada

**Reports to:** Chief Nuclear Engineer

**Apply:** Please submit a resume and cover letter to [careers@moltexenergy.com](mailto:careers@moltexenergy.com) and indicate the job title in the subject line.

The SSR-W Technical Director will report to the Chief Nuclear Engineer and be the design authority for the Stable Salt Reactor – Wasteburner (SSR-W) project. The successful candidate will be responsible for safety, physics, licensing, civil and layout, reactor, fuel handling, process system integration and piping, information control and electrical, as well as the engineering tools required to develop the design. This candidate must be the guiding mind behind the SSR-W project by steering the design development and overseeing the options chosen as part of design decisions.

### Responsibilities

- Deliver the SSR-W design, meeting safety, business and design requirements by adhering to the management system processes
- Search for and provide input into the continuous improvement process
- Define scopes of work packages and dependencies between packages
- Ensure the priorities of the project are supported as defined by project management, including adhering to all project milestones
- Define the requirements of the engineering team and competencies required to fill key roles
- Manage a team including the VP Engineering, VP Licensing and engineering work package owners and engineering leads
- Interface with cross-functional engineering teams including R&D, WASTE To Stable Salt (WATSS) and Stable Salt Reactor – Uranium (SSR-U)
- Provide regular progress updates to project management
- Chair design reviews as the Chief Nuclear Engineer delegate
- Represent Moltex in public forums, including making virtual and in-person presentations
- Attend conferences and external events as a Moltex representative
- Interact with key stakeholders, including customers, regulators, suppliers and partners to ensure the successful execution of the project
- Travel as necessary to support project requirements (amount of travel will vary depending on engineering team composition and geographical locations)
- Other assigned responsibilities as required

### Competencies & skills

- Ability to provide Moltex with the guidance and support required to achieve commercial operation of its next generation nuclear reactor
- Motivated self-starter who is flexible and able to work well in a dynamic, collaborative team environment
- Good verbal and written communication skills
- Ability to multi-task with exceptional organizational skills
- Ability to thrive in an environment with rapidly changing requirements and priorities
- Effective leadership skills and ability to engage in cooperative work with customers
- Ability to interpret project needs to provide required support

### Qualifications

- Bachelor of Science in engineering or related field is required, a Master of Science in engineering is desired
- Professional engineering designation and the ability to obtain the equivalent designation in New Brunswick ([www.apegnb.com](http://www.apegnb.com)) is essential
- 10+ years of related experience in power reactor engineering or training and a proven track record in technical leadership
- An accurate and deep understanding of regulatory process is essential



- Specific experience with Canadian regulators and chemical processing, power generation, or other large industrial products

## What Moltex offers...

Moltex boasts a diverse team of professionals collaborating daily across time zones. For those on board, it is going to be a challenging and rewarding journey. The office is located in the city centre with various nearby amenities. Moltex employees have access to a full range of benefits including:

- Paid vacation and personal days
- Flexible work environment
- Learning and development resources
- Excellent growth opportunities
- Optional compressed work week
- Medical, dental and vision
- 13 statutory and other holidays
- Complimentary refreshments

**Moltex is an equal opportunity employer.** Moltex prides itself in having a team that promotes diversity, inclusion, leadership, mindfulness, high initiative, energy and passion.