NUCLEAR WASTE MANAGEMENT ORGANIZATION
SOCIÉTÉ DE GESTION DES DÉCHETS NUCLÉAIRES

The ***Nuclear Waste Management Organization (NWMO)*** is responsible for the safe, long-term management of used nuclear fuel in Canada. The approach it is implementing, known as Adaptive Phased Management (APM), involves developing a centralized underground repository, supported by a robust social and technical research program in collaboration with Canadian universities, consultants and international waste management organizations.

Join our growing team of scientists, engineers and other professionals to work collaboratively with Canadians in implementing our management approach in a manner that safeguards people and respects the environment, now and in the future.

Engineer/Scientist/Technical Officer – Mining and Repository Engineering

We are currently seeking a Scientist/Engineer to join our Engineering team based at our Toronto headquarters.

In the used nuclear fuel repository, fuel is stored in robust metal containers. These containers will be encapsulated inside a highly compacted bentonite clay buffer system. The NWMO is undergoing a site selection effort in both crystalline and sedimentary host rock communities.

The Scientist/Engineer will be responsible for contributing to the reference underground design and engineering elements of site investigation. Key duties include: managing contracts that work on the conceptual and detailed design and its inputs; coordinating the geomechanical and field engineering activities; staying up to date on proof testing and international developments for the design and construction elements of underground geological repositories and participating in NWMO public engagement activities as required.

Responsibilities:

- Provide expertise, technical advice and input to the design and construction elements for a deep underground geological repository.
- Coordinate geomechanical investigation activities as they relate to design of underground repositories and surface facilities.
- Participate in the development and issuance of contracting documents (RFP's) and evaluation and selection of contractors.
- Manage contracts for conceptual design, detailed design and field design activities.
- Manage contractors and their subcontractors. Interface with contractors to monitor performance against work plans and schedules. Ensure design basis and associated requirements remain valid through all deliverables.
- Contribute as required to internal committees and tasks to gather requirements for the design and ensure consensus.

- Produce reports and other documents on design status, work activities and project status.
- Appear before government authorities, agencies, regulatory bodies and legislative hearings as a technical expert on repository design activities.
- Keep abreast of developments on proof testing and international developments for the design and construction elements on the deep underground geological repositories through technical publications, contacts with internal and external experts in the field, and conference presentations.
- Ensure all work activities and programs reflect an awareness of and compliance with applicable regulations and with the divisional and customer safety program.
- Participate in NWMO public engagement activities.
- Perform other duties as required.

Qualifications and Experience:

- Requires a 4-year university degree in geological, mining or civil engineering.
- Licensed Professional Engineer is preferred.
- Requires at least 6 years' experience in the mining industry.
- Experience with construction and mining practices and techniques including mining design/CAD software.
- Experience in planning and coordinating geomechanical investigations as they relate to repository design and design of building foundations.
- Experience in project management within the discipline, including plan development, resourcing, schedule tracking, contract management and problem resolution.
- Demonstrated ability to work within a multi-disciplinary team and interact with external contractors.
- Experience in communicating effectively in both oral and written form including excellent professional writing and presentation skills

You must be eligible to work in Canada and must be able to meet security clearance requirements.

We offer a competitive base salary, pension and comprehensive health care benefits package.

The NWMO supports the principles and practices of diversity and is committed to providing a respectful, accessible, and inclusive environment for all persons with disabilities in a way that is respectful of the dignity and independence of people with disabilities and in a manner which takes into account the person's disability and embodies the principles of integration and equal opportunity. The NWMO will provide accommodation to applicants with disabilities. If you require accommodation, please **Contact Us**.

Please submit your application via e-mail quoting **Engineer/Scientist/Technical Officer – Mining and Repository Engineering** by June 19, 2019 to: Employment@nwmo.ca