

The **Nuclear Waste Management Organization (NWMO)** is responsible for the long-term management of all used nuclear fuel produced in Canada. Join our growing team of 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. We are now offering a challenging position at our Toronto headquarters.

Manager, Used Fuel Transportation

Reporting to the Director of Engineering the successful candidate is required to provide technical, regulatory, and public engagement leadership with respect to used fuel transportation. The candidate will supervise, lead, and mentor a team of transportation engineers, planners, and/or scientists.

Specifically, the candidate will be responsible for developing a comprehensive transportation program for the safe and secure transport of Canada's used nuclear fuel to a centralized storage location over a multi-decade campaign. This program will consider and address the many aspects of transporting radioactive materials including, but not limited to: packaging, equipment, logistics, operations, security, emergency management, risk, environment, and communications.

This program must comply with all applicable provincial, federal, and international regulatory requirements. To ensure this, the candidate will work with federal, provincial, and municipal governmental bodies that regulate the flow of dangerous goods across the country to ensure the proposed transportation systems, processes, equipment, etc. maintain compliance with these laws and regulations. The candidate will also provide guidance and expertise internally to assist in the establishment of corporate transportation strategies, policies, and procedures.

The candidate will devote a portion of their time to liaison with the public as well as federal, provincial, and international transportation regulatory authorities and stakeholders. Additionally, collaboration and dialogue with industry peers and transportation carriers will be required to ensure the transportation program aligns with and leverages industry best practices. Their expertise will build confidence in the safety of radioactive material transport as they engage with interested communities and municipal officials.

The candidate will also supervise the development of engineered systems compliant with all Canadian regulatory requirements for the shipment of large volumes of used nuclear fuel. They will be hands on in overseeing the design of prototype transportation systems, structures, and components; as well as, the associated logistics, operations, and maintenance programs to operate them. The candidate will be responsible for obtaining and maintaining certification of NWMO's nuclear transportation package(s). This will require strong leadership and technical ability, in addition to, a thorough understanding of project management principles and quality assurance best practice.

Qualifications:

The successful candidate will have:

- A university degree in a relevant field directly related to the accountabilities of this position.
- Demonstrated experience in planning for and/or executing large-scale projects, preferably related to the transport of hazardous materials, with at least twelve (12) years of experience showing increasingly complex responsibilities.

Desired Experience:

The ideal successful candidate will have experience in one or more of the following areas:

- Knowledge of road, rail, and/or marine transportation systems, logistics, and operations.
 - Direct experience of the above as it relates to: 1) the transport of hazardous materials would be an asset; 2) the transport of radioactive materials would be highly valued.
- Knowledge of Canadian and international regulatory requirements (e.g. Transport Canada, CNSC, IAEA, US NRC, etc.) for the transport of radioactive materials.
 - Specific knowledge of the Packaging and Transport of Nuclear Substances Regulations (PTNSR) would be an asset.
 - Specific knowledge of the Transportation of Dangerous Goods (TDG) act and associated regulations would be an asset.
 - Direct experience establishing or working under a TDG Class 7 program (or equivalent international program) would be *highly* valued.
- Experience developing or working with the systems, structures, equipment, and components associated with transporting radioactive materials.
 - Direct experience with Type B packages and associated ancillary equipment would be an asset.
- Experience with developing or supporting nuclear facility operations and associated safety basis documentation.
 - Direct experience related to Safety Analysis Reports for Packaging would be an asset.
- Knowledge of CSA N286 and/or ISO 9001 quality standards would be an asset.
- Project and contract management experience (i.e. creation of request for proposals, bid evaluation, ongoing management, contract closeout, etc.) would be an asset.

Abilities:

- Highly motivated individual; they get the job done.
- Demonstrated problem recognition, synthesis, and solving ability.
- Strong organizational skills with the capability to prioritize work to meet established deadlines.
- Good written communication; preparation of concise and clear documentation in timely fashion.
- Excellent interpersonal and oral communications skills.
- Working knowledge of French would be desirable, although not necessary.

Salaries and Benefits:

- The NWMO offers competitive base salaries and health care benefits package.
- The NWMO supports the principles and practices of diversity.
- You must be eligible to work in Canada and must be able to meet security clearance requirements.
- This position will require some travel.

Please submit your application quoting the **Manager, Used Fuel Transportation** via e-mail to: Employment@nwmo.ca or mail to: NWMO, Attn: Janet David, 22 St. Clair Avenue East, 6th Floor, Toronto, Ontario, M4T 2S3