



Canadian Nuclear Laboratories (CNL), a wholly owned subsidiary of Atomic Energy of Canada Limited (AECL) is Canada's national nuclear science and technology laboratory. For over 50 years, we have been a world leader in developing peaceful and innovative applications from nuclear technology through our expertise in physics, metallurgy, chemistry, biology and engineering.

Today, CNL continues its commitment to ensure that Canadians and the world receive energy, health, environmental and economic benefits from nuclear science and technology with confidence that nuclear safety and security are assured.

The Whiteshell Closure Project (WCP) is an initiative under Canadian Nuclear Laboratories whose focus is to decommission the site. The Project mandate encompasses the entire Whiteshell Laboratories (WL) Site, including nuclear equipment and systems, buildings and plant infrastructure, services, waste management facilities and affected lands. The Project scope includes all elements necessary to complete by 2024, a major remediation project on a licensed nuclear site, including strategic planning, resourcing, project annual budgeting and planning, nuclear facility operation, nuclear facility decommissioning, remediation of affected lands, environmental monitoring, site services, application of nuclear programs and business services as required.

Head Office Location:

Canadian Nuclear Laboratories
286 Plant Road
Chalk River ON K0J 1P0

Title of Position:

Health Physicist (2 Vacancies)

Description of Position:

The role of a Health Physicist is to ensure all work is undertaken safely and in compliance from a regulatory standpoint. The position incorporates Physics, engineering, biology, environmental science, occupational Health & Safety (H&S) and communication. A Health Physicist applies their knowledge and experience to support project teams to develop and implement work plans, instructions and assessment documents. The purpose is to ensure the hazards associated with the work are characterized appropriately, the work is completed safely and all wastes are safely managed.

Job Duties:

- Providing Radiation Protection Program management and oversight.
- Providing Operational Health Physics support for projects and/or facilities.
- Assisting in the strategic assessment and planning of operational/decommissioning tasks.
- Characterizing building, waste and reference hazards.

- Advising staff, contractors and project teams on decontamination methods and techniques.
- Undertaking radiological work assessments and preparing radiological work packages.
- Conducting pre-job briefings and post-work ALARA reviews.
- Overseeing the safe execution of radiological work.
- Overseeing the selection, procurement, use and calibration of radiological instrumentation/equipment.
- Planning, executing and documenting radiological scoping surveys, characterization surveys and clearance/release surveys.
- Developing and/or presenting radiological protection training/educational material.

Terms of Employment:

Full time, permanent (37.5 hours of work per week)

Language of Work:

English, French or both

Wage:

\$90,000 - \$120,000 per annum

Benefits Package:

- Health
- Dental
- Vision
- Travel benefits
- Supplementary and Basic Life Insurance
- Pension plan
- Relocation Allowance

Qualifications:

- BSc or MSc in Physics, Health Physics, Radiation Protection, Medical Physics and/or Engineering Physics (or equivalent education and experience).
- Must have at least five (5) year's post-graduation Health Physics experience, preferably with 2+ in decommissioning.
- Ideally will have extensive experience and understanding of work tasks, their execution and associated radiological hazards as well as the ability to learn from others and absorb new/related knowledge quickly.

Knowledge, Skills and Abilities:

- Specific knowledge in radiation protection principles, the work of the ICRP, the documents of the IAEA, the NUREG and RP Standards, radiation detection (including statistics), dose assessments and shielding calculations is essential.
- Crucially important are excellent communication skills (both verbal and written) in English and the ability to obtain the formal CNL HP qualification known as "Group 1".
- Must have the ability to wear protective clothing and to work in a hazardous environment.

- Must be a mature, organized self-starter with a demonstrated ability to work as an effective team member in establishing priorities, and achieving goals and objectives when faced with varied and conflicting demands.

Location of Work:

Canadian Nuclear Laboratories
1 Ara Mooradian Way
Pinawa, MB R0E 1L0

Contact Information:

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CNL has an Employment Equity Program and encourages applications from women, Aboriginal Peoples, visible minorities and persons with disabilities.

We thank all applicants for their interest, but only candidates selected for an interview will be contacted.