

Company Information:

Canadian Nuclear Laboratories (CNL)
286 Plant Road
Chalk River ON
K0J 1J0

Title of Position:

Health Physicist

Description of Position

To provide operational health physics support to assigned facilities, HP consultative advice to line and facility management, HP technical support, developing and implementing elements of the Radiation Protection Program Compliance Program.

Job Duties:

- Provide program management and oversight:
- Prepare, review and revise radiation protection manual procedures
- Establish, implement and maintain radiation protection performance models and metrics
- Monitor RP related non-conformances and corrective actions
- Perform RP compliance inspections
- Prepare or participate in annual RP program compliance reviews
- Operational health physics services for assigned facilities and projects: Development and implementation of RP controls, processes and procedures; Radiological safety and dose assessments; ALARA assessment and reviews
- Prepare, review and/or approval of radiological work plans/procedures and radioisotope laboratory protocol
- Post-work ALARA reviews
- Respond and investigate unplanned event investigations
- Radiation safety officer services and management including: Radiation source registration and records; Radiation source leak testing program and Radioactive material handling area permits
- Laboratory and non-listed facility compliance inspections
- Controlled Area lunch and beverage rooms registration and Controlled Area food passes
- Technical health physics services for instrumentation, filter testing and decommissioning:
- Review and approval of the selection and procurement of radiation and contamination measuring and monitoring equipment
- Oversight of site processes for the calibration of RP instrumentation
- Oversight of the operation of site HEPA/filter testing lab and air effluent counting lab
- In-field gamma spectroscopy
- Oversight of decommissioning/decontamination methods and techniques
- Plan, execute and document scoping, characterization and release of radiological surveys

Terms of Employment: Full time, Permanent (37.5 hours of work per week)

Language of Work: English

Wage: \$92,400 - \$102,600 per annum

Benefits Package: The successful candidate will be eligible for the following benefits:

- Health
- Dental
- Vision
- Supplementary and Basic Life Insurance
- Disability Benefit
- Pension Plan
- Merit increase
- Relocation allowance
- On-call pay

Qualifications:

- Honours degree in health physics, or Baccalaureate in engineering or science from a university of recognized standing with post graduate study (or equivalent experience in lieu of post graduate studies).
- Decommissioning experience is an asset.
- Approximately 8 years of Health Physicist in an Operational or Industrial related radiological environment.
- Ability to wear protective clothing and work in a hazardous environment.
- Mature outlook and proven good judgement.

Knowledge, Skills and Abilities:

- Knowledge of recommendations and guidelines of radiological protection standards.
- Knowledge or participation in characterisation and completion of MARSSIM and VSP (Visual Sampling Plan).
- Knowledge and understanding of radiation protection philosophies, procedures, equipment and techniques used both in theory and practice
- Use of Microsoft computer software, knowledge and use of databases.
- Written and oral communication skills.
- Ability to work collaboratively with others in a team environment.
- Ability to multi-task and prioritize work to meet objectives and targets.
- Ability to make decisions based on established requirements, procedures and practices.
- Ability to supervise a small work team, junior professionals and/or technical staff.

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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.