Canadian Nuclear Laboratories | Laboratoires Nucléaires Canadiens

As Canada's premier nuclear science and technology (S&T) organization Canadian Nuclear Laboratories (CNL) serves the nation as an enabler of business innovation and technology transfer. And, we foster the development of highly-qualified people for the knowledge economy to come.

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.

Electrical Engineer

INTRO

WL Engineering provides engineering support to the WL site for planning, design, procurement, construction, commissioning, quality assurance and configuration management.

DUTIES

Reporting to the Design Engineering Group Section Head, specific duties may include, but not be limited to:

- design (conceptual, preliminary and detailed designs) and supervise the construction and monitoring of new electrical systems (power distribution and instrumentation systems);
- design of retrofits and modifications to existing electrical systems;
- preparation or review of appropriate documentation in support of projects (e.g., design plans, concept reports, design requirements, design manuals, technical specifications, technical notes, customer proposals, work plans, schedules and estimates);
- monitor/report project progress and costs against schedule and budget;
- liaison with customers and regulators;
- engage and interface with contractors and consultants;
- ensure that work within his/her responsibility is performed to meet or exceed applicable quality, code, regulatory and customer requirements;
- contract administration including preparation of contract specifications, scope of work and associated documentation.

QUALIFICATIONS

- Must be a graduate in Electrical Engineering from a university of recognized standing.
- Must have a minimum of five (5) years' experience in the design of electrical systems (power distribution and instrumentation).
- Must be a licensed professional engineer (practicing) with the association of professional Engineers and Geoscientists of Manitoba (EGM).
- Must be familiar with the requirements of the Canadian Electrical Code.
- Must have demonstrated effective verbal and written communication skills.
- Must be experienced in engaging and supervising contractors.
- Must be able to work under tight schedules and budgets.
- Must be able to work independently and effectively in a multidisciplinary team.
- Must be familiar with Microsoft Office suite of software programs.
- Familiarity with CNL design practices and quality assurance program would be an asset.

Visit our website at www.cnl.ca/positive for more information or to apply
https://trr.tbe.taleo.net/trr01/ats/careers/v2/viewRequisition?org=CNLLTD&cws=37&rid=1727

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.