



Bulletin

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CANADA'S ATOMIC TECHNOLOGY FLOURISHES

Atomic Energy of Canada Limited is a Crown company incorporated in February 1952 under the Companies Act pursuant to the Atomic Energy Control Act. It is an agent for all purposes of the Crown and the shares of the company, with the exception of the qualifying shares of the directors, are held by a minister of the Crown in trust for Her Majesty.

The member of the Privy Council designated by the Governor in Council as the minister for the purposes of the Atomic Energy Control Act is the Minister of Energy, Mines and Resources.

In broad terms, AECL is responsible for research into and development of the peaceful uses of atomic energy, as a contribution to the general welfare and in the interest of scientific and technological progress in Canada. More specifically, the company has as its principal objective the development of nuclear-power systems that will meet short-term and long-term Canadian needs for low-cost energy and will be commercially attractive to other countries. A second major object is to widen and improve the applications of radioisotopes and radiation in medicine, industry, agriculture and research.

In the pursuit of its aims, AECL (a) operates laboratories for fundamental and applied research and engineering development; (b) designs and builds prototype nuclear-power stations, in co-operation with electric utilities and private industry; (c) provides nuclear consulting services as required; (d) offers to supply nuclear-power stations on the international market; (e) produces and markets radioisotopes; (f) designs, manufactures and markets equipment for the utilization of radioisotopes and radiation; (g) enters into co-operative research and development contracts with industry and universities; (h) makes available its special facilities and expertise to assist industry and utilities in putting nuclear energy to practical use and assist universities in nuclear studies.

AECL's main research and development centres are the Chalk River Nuclear Laboratories (CRNL), Chalk River, Ontario, and Whiteshell Nuclear Research Establishment (WNRE), Pinawa, Manitoba. Additional research and development work is carried out, on a contract basis, by private industry and universities.

The Power Projects group, with a design office and development laboratory at Sheridan Park, Ontario, and an engineering group at Peterborough, is responsible for nuclear-power system design, nuclear consulting services, development and testing of major equipment items for nuclear-power plants and the project management of the Douglas Point and Gentilly nuclear-power stations, the Bruce Heavy Water Plant and the Nelson River Transmission System.

The Commercial Products group, with its offices and manufacturing plant at South March, Ontario, and a laboratory in Ottawa, processes and markets radioisotopes and designs, and manufactures and sells related equipment and services. A research program in radiation and radioisotope applications is carried out in co-operation with other AECL laboratories, with universities and with industry.

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