

The Canadian Neutron Facility: Leading-Edge Technology for Canada's Future

The National Research Council of Canada (NRC) and Atomic Energy of Canada Limited (AECL), in partnership with universities and industry, are jointly proposing a new Canadian Neutron Facility for Materials Research (CNF) to support next-generation neutron-based materials research and innovation in Canada.

The purpose of the proposed CNF is two-fold:

- to provide an advanced materials research capability to meet the needs of Canadian universities and industry
- to provide an essential testing facility to advance the CANDU power reactor design and ensure the future competitiveness of the Canadian nuclear industry

Construction of the CNF is planned to begin in 1999, with projected start-up of the reactor in 2005. The total estimated cost for the reactor and program facilities at the Chalk River site is \$388 million.