

Nuclear Power

Canada is an international leader in nuclear power technology. The CANDU (Canadian Deuterium Uranium) nuclear power reactor system, designed in the nuclear establishment of Atomic Energy of Canada Ltd. (AECL), is considered by many to be the most efficient in existence. CANDU uses heavy water as the moderator and coolant, and natural uranium as the fuel.

The CANDU site at Pickering, Ontario, is the biggest producer of commercial nuclear power in the world. Approximately 70 per cent of the money spent by the federal government on energy research goes into the nuclear field. Much development work is done in collaboration with Canadian industry which has supplied AECL with improved equipment, components and materials for CANDU reactors.

Both at home and abroad, Canadian government and industry officials work to ensure that nuclear power development proceeds under safe conditions and under circumstances that will not lead to a proliferation in nuclear weapons capabilities.

