

Figure 4 Canada's Chalk River Nuclear Laboratories



Canada has long recognized that the IAEA must have effective safeguards techniques and the active co-operation of member states. As both a user and an exporter of nuclear power reactors and nuclear materials, Canada also accepts an obligation to assist the IAEA in the development and application of effective safeguards. To supplement the resources of the IAEA with respect to overcoming deficiencies in the technical measures for applying safeguards, the Canadian Government initiated in 1977 a safeguards research and development program.

The Canadian Safeguards Support Programme is a co-ordinated effort for the development and the application of safeguards instruments and techniques for nuclear facilities and materials. The projects undertaken are those requested by the IAEA, which is involved at all stages. The program encompasses research, development, and applications engineering. Much of the work under this program is undertaken at the Chalk River Nuclear Laboratories. This facility is operated by Atomic Energy of Canada Limited which jointly administers the Canadian Safeguards Support Programme with the Atomic Energy Control Board of Canada.