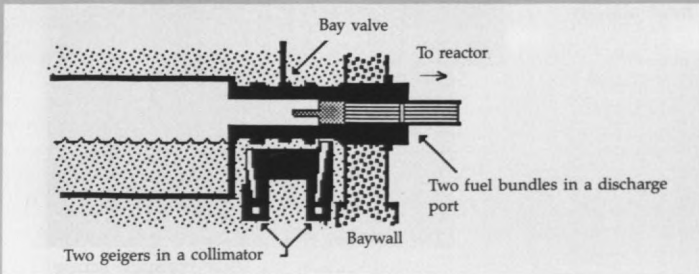


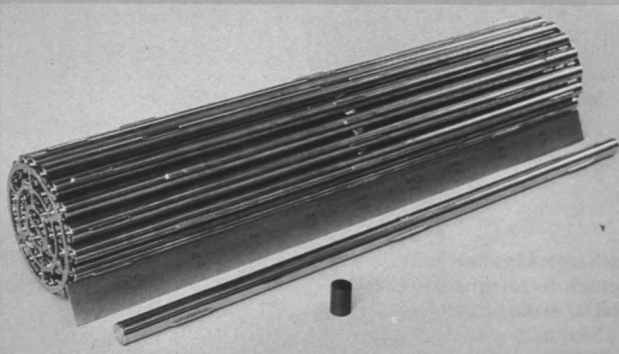
Counting Spent Fuel Bundles

Bundle counters developed by the Support Program are the primary means of counting and verifying spent nuclear fuel bundles as they pass from the reactor into storage in water-filled bays. There are counters installed at CANDU reactors in five countries (Canada, India, Pakistan, Argentina

and Korea) and four others are in the process of being installed at CANDU reactors in Canada. At the request of the IAEA, attention is now being given to upgrading the design, to take account of advances in technology and to incorporate features not originally required.



The transfer of a test and training version of a spent fuel bundle counter to the IAEA is shown in this photo from May 12, 1983. Mr. Alan Sullivan, then Ambassador of Canada to Austria, is on the right and Dr. Hans Blix, Director General of the IAEA is on the left.



Fuel Bundle

Photos: Canadian Safeguards Support Program