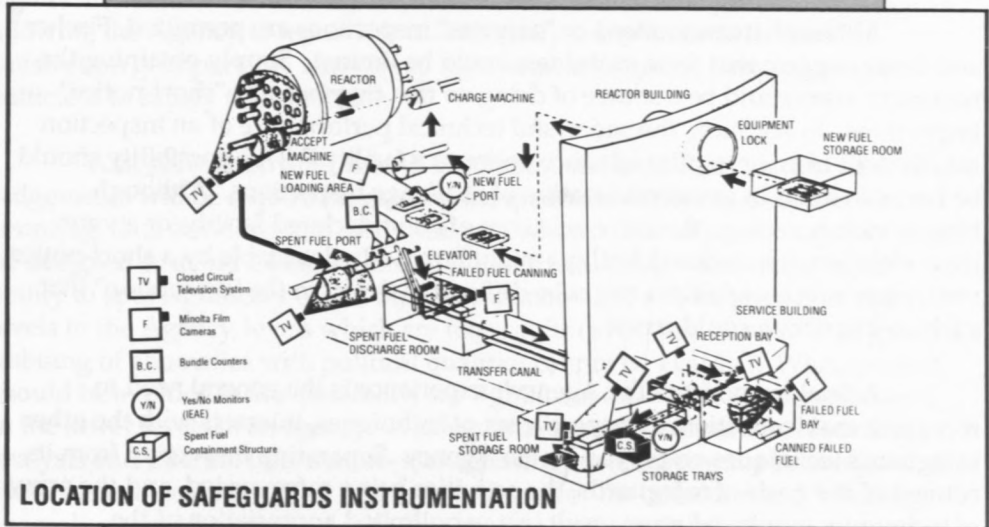


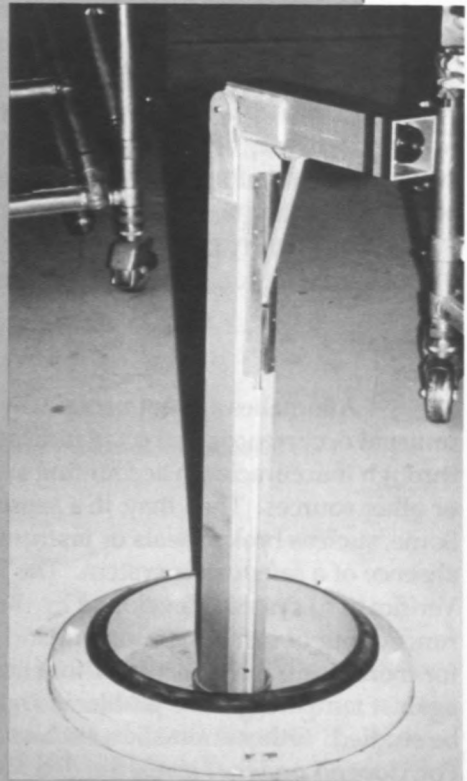
Figure 7 IAEA Inspections: Surveillance Equipment



A

Another important contribution by Atomic Energy of Canada Ltd. under the auspices of the Canadian Safeguards Support Programme, to assist IAEA inspectors, is the development of a surveillance system for CANDU reactors. Shown in the diagram is the safeguards scheme developed by Canada for the CANDU 600 reactor (A). This system includes specialized equipment such as a closed circuit television (CCTV) camera used to continuously monitor the reactor face (B).

The installation and maintenance of tamper-indicating surveillance devices, including TV and photographic cameras, are important on-site activities of IAEA inspectors. Videos and films from such equipment are usually reviewed at the IAEA's headquarters in Vienna. Other major on-site activities of IAEA inspectors include installing and checking containment seals (Figure 6) and the review of a facility's materials accountability records.



B