

Samples taken to designated laboratories should be carefully coded for doubleblind analysis.

Transportation of samples is a serious problem and should be address at an early stage. ICAO and civil airlines are applying stringent rules on transportation of potentially hazardous chemicals. Crashproof containers will have to be developed and tested before they are approved for air transportation. It is certain that the required standards will be very high indeed. Preliminary high level contacts between CD, UN Dangerous Goods Panel and ICAO could prove advantageous already at present.

Unbroken chain of custody during sample transportation should be maintained.

I. Training

The sophisticated instrumentation and other technical aspects of the verification of CWC require highly qualified inspectors and other personnel. The specialization needed can only be achieved through extensive training schemes matched to meet the professional qualifications which are still to be defined.

J. Data Bases and Information Systems

The Chemical Weapons Convention will require the collection, processing and evaluation of large amounts of information. Data need not only be collected and assessed by the Technical Secretariat but they must also be available for use by the inspectors. The verification proces's will continue throughout the lifetime of the Convention and will require the establishment and operation of a complex information system with an extensive data base.

Data will be generated during the declaration phase of the Convention as well as during the confirmation stage and the lifetime of the Convention. Examples of sources of data are the state parties, the facility operators, the inspectors, the analytical instruments, the process monitoring equipment, and the containment and surveillance devices. The forms of data would range from photographs and schematic diagrams to images, accounting information, process control variables, spectral information and outputs of analytical instruments.

These data must be collected, validated, recorded, processed and analyzed. Therefore, there is a need for developing systems which integrate data sources,