

The Government of Canada and the Agency may agree to amend the figures for the maximum inspection effort specified in this Article, upon determination by the Board that such amendment is reasonable.

#### ARTICLE 81

Subject to Articles 78 to 80 the criteria to be used for determining the actual number, intensity, duration, timing and mode of routine inspections in respect of any facility shall include:

- (a) *The form of the nuclear material*, in particular, whether the nuclear material is in bulk form or contained in a number of separate items; its chemical composition and, in the case of uranium, whether it is of low or high enrichment; and its accessibility;
- (b) *The effectiveness of Canada's accounting and control system*, including the extent to which the operators of facilities are functionally independent of Canada's accounting and control system; the extent to which the measures specified in Article 32 have been implemented by the Government of Canada; the promptness of reports provided to the Agency; their consistency with the Agency's independent verification; and the amount and accuracy of the material unaccounted for, as verified by the Agency;
- (c) *Characteristics of Canada's nuclear fuel cycle*, in particular, the number and types of facilities containing nuclear material subject to safeguards, the characteristics of such facilities relevant to safeguards, notably the degree of containment; the extent to which the design of such facilities facilitates verification of the flow and inventory of nuclear material; and the extent to which information from different material balance areas can be correlated;
- (d) *International interdependence*, in particular, the extent to which nuclear material is received from or sent to other States for use or processing; any verification activities by the Agency in connection therewith; and the extent to which Canada's peaceful nuclear activities are interrelated with those of other States; and
- (e) *Technical developments in the field of safeguards*, including the use of statistical techniques and random sampling in evaluating the flow of nuclear material.

#### ARTICLE 82

The Government of Canada and the Agency shall consult if the Government of Canada considers that the inspection effort is being deployed with undue concentration on particular facilities.

#### NOTICE OF INSPECTIONS

#### ARTICLE 83

The Agency shall give advance notice to the Government of Canada before arrival of inspectors at facilities or material balance areas outside facilities, as follows:

- (a) For ad hoc inspections pursuant to Article 71(c), at least twenty-four hours; for those pursuant to Article 71(a) and (b) as well as the activities provided for in Article 48, at least one week;