

15. Sampling and sample taking procedures
16. Handling of samples
17. Analysis of samples

(1) The taking and analysis of samples are not indispensable in performing the inspection, but can be regarded as a useful objective measure in order to dissolve suspicions.

(2) What is subject to sample-taking should be decided among materials, end-products and waste materials in the facility attachment, with due regard to the characteristics of the facility. There does not seem to be a compelling need for sampling intermediate products in verifying non-production of CW.

(3) Concrete procedures on sampling could be as follows:

(a) At an agreed sampling point, sample-taking prior to the arrival of inspectors and/or sample-taking in the presence of inspectors are both permitted.

(b) Samples taken are to be divided into six portions, two each for the use of inspectors, the Government of the inspected State, and the inspected facility respectively. Analysis is performed on one of two samples prepared for inspectors' use. The facility has the right to analyse one of its samples. If any problem arises as a result of the sample-analysis, additional sample analysis would be required on samples prepared for the use of Government and the facility.

(c) Until the results of sample analysis become definite, six portions of samples as mentioned in (b) should be sealed and kept so as not to be tampered with, seeing to it that they are properly preserved.

(d) As a rule, samples should be analysed within the boundary of the facility inspected. However, if an off-site analysis is necessary since equipments for analysis are not available on-site, samples taken could be transferred to a designated laboratory in the inspected State, accompanied by inspectors and representatives of the inspected State. We do not believe it desirable that analysis is conducted outside the inspected State except under specific circumstances, for instance, non-availability of means of analysis in the State, from the viewpoint of ensuring that samples taken be not tampered with. Consideration should be given to allowing the facility personnel to be present at the off-site analysis.

The necessity, conditions and locations of off-site analysis need to be provided in the "facility attachment".

(e) Analysis equipment available at the facility should be made full use of. It is desirable for the facility to furnish such equipment for the purpose of inspection. Consideration should be given in this case to allowing the facility personnel to perform the analysis under the surveillance of inspectors. In case of an off-site analysis, a third person may perform the analysis in the presence of inspectors, representatives from the inspected State (and from the inspected facility).