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EXTENSION OF THE AGENCY'S SAFEGUARDS SYSTEM

Resolution adopted by the Board of Governors

On 19 June 1963 the Board of Governors adopted a resolution providing for the extension of the Agency's safeguards system to large reactor facilities, the text of which is reproduced below.

EXTENSION OF THE SAFEGUARDS SYSTEM TO LARGE REACTOR FACILITIES

The Board of Governors,

- (a) Recalling Articles III.A.5 and XII of the Agency's Statute,
 - (b) Bearing in mind that the procedures previously approved for the application of safeguards by the Agency [1] relate only to reactors up to 100 thermal megawatts,
 - (c) Recalling also its resolution of 21 February 1963, requesting the Director General to formulate draft proposals designed to extend the Agency's Safeguards System to provide procedures for application to reactors over 100 thermal megawatts and re-establishing the special working group constituted by its decision of 20 January 1960 to review the document prepared by the Director General and to submit proposals for consideration by the Board, and
 - (d) Having received and considered the report and recommendations of the aforementioned special working group contained in document GOV/901 [2],
1. Decides to approve provisionally the procedures set forth in the Annex to document GOV/901 and reproduced as the Annex to the present resolution;
 2. Decides further to submit these procedures, together with the present resolution, to the General Conference for its consideration and appropriate action in accordance with the Statute, at its seventh regular session; and
 3. Decides also to undertake in 1964 the general review of the Agency's safeguards system envisaged in paragraph 5 of document INFCIRC/26, giving particular attention to the provisions relating to the attachment of safeguards to equipment.

[1] Set forth in document INFCIRC/26.

[2] The circulation of this document is restricted.

A N N E X

DRAFT ADDENDUM TO DOCUMENT INFCIRC/26

THE AGENCY'S SAFEGUARDS

Extension of the system to large reactor facilities

On 19 June 1963 the Board of Governors approved provisions to extend the Agency's safeguards system to make it relate to reactors of 100 or more thermal megawatts, notwithstanding the limitations specified in paragraph 4 of document INFCIRC/26. The present document sets forth these provisions for the information of all Members.

AGENCY SAFEGUARDS RELATING TO LARGE REACTOR FACILITIES

A. Introduction

1. The safeguards provisions set forth in document INFCIRC/26 (hereinafter referred to as the "principal safeguards document"), except those in sections V.B and C thereof and as otherwise specified herein, will also apply to reactors of 100 or more thermal megawatts and to the source and special fissionable material used or produced in them. The following additional provisions relate to reactor facilities of 100 or more thermal megawatts and also to other reactor facilities to which the table in paragraph 65 of the principal safeguards document does not extend (together hereinafter referred to as "large reactor facilities").

B. Attachment to special fissionable materials produced in large reactor facilities

2. The provisions for the attachment of safeguards contained in the principal safeguards document and in paragraph 3 below will relate to all generations of special fissionable material derived from special fissionable material produced in a large reactor facility, notwithstanding any provision to the contrary in that document. The procedures of application will be in accordance with the safeguards procedures in effect at the time of such application.

3. With respect to a large reactor facility to which Agency safeguards are not attached, Agency safeguards will be attached at least to such fraction of the special fissionable material produced in the reactor as is equal to the ratio of the fissionable isotopes [1] within the nuclear material to which Agency safeguards are attached to all fissionable isotopes in the reactor. If this ratio is greater than 0.3, safeguards will be attached to all such material produced in the reactor. The ratio will be calculated on the basis of estimated average values for the period specified in the appropriate agreement. [2]

[1] "Fissionable isotopes" means the isotopes uranium-233, uranium-235 and plutonium-239.

[2] This paragraph constitutes an interpretation of paragraph 35 of the principal safeguards document.

C. Procedures to supplement those in section V.A of the principal safeguards document

(a) Routine reports

4. The required frequency of routine reports for a large reactor facility shall not exceed twelve a year.

5. If requested, the State shall make available to the Agency progress reports on the construction of a large reactor facility, starting when construction has reached an advanced stage as specified in the appropriate agreement. These reports shall provide such information on the current condition of the facility as is relevant to the application of safeguards, and a forecast of the further work planned for the following four-month period. Not more than four such reports shall be required annually.

(b) Frequency of routine inspections

6. The maximum frequency of routine inspections during and after the construction of a large reactor facility shall be as shown in or as obtained by extrapolation from the table in paragraph 65 of the principal safeguards document. If such extrapolation indicates a frequency in excess of twelve per year, the Agency's inspectors shall have access to the facility at all times. In determining the inspection requirements for a particular facility, due account shall be taken of paragraphs 63 and 64, and of the considerations in subparagraphs (a) to (d) of paragraph 65, of the principal safeguards document.

