Annex B
Levels of physical protection

CATEGORY III
(as defined in the attached table)

Use and storage within an area to which access is controlled.

Transportation under special precautions including prior arrangements among sender, recipient and carrier, and prior agreement between entities subject to the jurisdiction and regulation of supplier and recipient States, respectively, in case of international transport, specifying time, place and procedures for transferring transport responsibility.

CATEGORY II
(as defined in the attached table)

Use and storage within a protected area to which access is controlled, i.e., an area under constant surveillance by guards or electronic devices, surrounded by a physical barrier with a limited number of points of entry under appropriate control, or any area with an equivalent level of physical protection.

Transportation under special precautions including prior arrangements among sender, recipient and carrier, and prior agreement between entities subject to the jurisdiction and regulation of supplier and recipient States, respectively, in case of international transport, specifying time, place and procedures for transferring transport responsibility.

CATEGORY I
(as defined in the attached table)

Nuclear material in this category shall be protected with highly reliable systems against unauthorized use as follows:

Use and storage within a highly protected area, i.e., a protected area as defined for Category II above, to which, in addition, access is restricted to persons whose trustworthiness has been determined, and which is under surveillance by guards who are in close communication with appropriate response authorities. Specific measures taken in this context should have as their objective the detection and prevention of any assault, unauthorized access or unauthorized removal of the nuclear material concerned.

Transportation under special precautions as identified above for transportation of Category II and III nuclear material and, in addition, under constant surveillance by escorts and under conditions which assure close communication with appropriate response authorities.

TABLE: CATEGORIZATION OF NUCLEAR MATERIAL

Nuclear Material	Form	Category I	Category II	Category III[c]
1. Plutonium[a]	Unirradiated[b]	2kg or more	Less than 2kg but more than 500g	500g or less but more than 15g
2. Uranium-235	Unirradiated[b] -uranium enriched to 20% 235_U or more -uranium enriched to 10% 235_U but less than 20% 235_U -uranium enriched above natural, but less than 10% 235_U	-5kg or more	-Less than 5kg but more than 1kg -10kg or more	-1kg or less but more than 15g -Less than 10kg but more than 1kg -10kg or more
3. Uranium-233	Unirradiated[b]	2kg or more	Less than 2kg but more than 500g	500g or less but more than 15g
4. Irradiated Fuel			Depleted or natural uranium, thorium or low-enriched fuel (less than 10% fissile content)[d][e]	

(a) All plutonium except that with isotopic concentration exceeding 80% in plutonium-238.

(b) Nuclear material not irradiated in a reactor or nuclear material irradiated in a reactor but with a radiation level equal to or less than 1 Gy/hr (100 rads/hr) at one meter unshielded.