

TABLE: CATEGORIZATION OF NUCLEAR MATERIAL

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

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

^b. Material not irradiated in a reactor or material irradiated in a reactor but with a radiation level equal to or less than 100 rads/hour at one meter unshielded.

^c. Less than a radiologically significant quantity should be exempted.

^d. Natural uranium, depleted uranium and thorium and quantities of uranium enriched to less than 10% not falling in Category III should be protected in accordance with prudent management practice.

^e. Other fuel which by virtue of its original fissile material content is classified as Category I or II before irradiation may be reduced one category level when the radiation level from the fuel exceeds 100 rads/hour at one meter unshielded.