

TABLE: CATEGORIZATION OF NUCLEAR MATERIAL

Material	Form	Category		
		I	II	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% <sup>235</sup> U or more	Less than 5 kg but more than 1 kg	1 kg or less(c)
		- Uranium enriched to 10% <sup>235</sup> U but less than 20%	10 kg or more	Less than 10 kg(c)
		- Uranium enriched above natural, but less than 10% <sup>235</sup> U(d)		10 kg or more
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,f)	

(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) Although this level of protection is recommended, it would be open to a Party upon evaluation of the specific circumstances, to assign a different category of physical protection.

(f) 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.