

## CATEGORIZATION OF NUCLEAR MATERIAL

Material	Form	I	II	III
1. Plutonium <sup>a</sup>	Unirradiated <sup>b</sup>	2 kg or more	Less than 2 kg but more than 500 g	500 g or less <sup>c</sup>
2. Uranium-235	Unirradiated <sup>b</sup>	5 kg or more	Less than 5 kg but more than 1 kg	1 kg or less <sup>c</sup>
		—	10 kg or more	Less than 10 kg <sup>c</sup>
		—	—	10 kg or more
3. Uranium-233	Unirradiated <sup>b</sup>	2 kg or more	Less than 2 kg but more than 500 g	500 g or less <sup>c</sup>
4. Irradiated fuel		e	e	Depleted or natural uranium, thorium or low enriched fuel (less than 10% fissile content) <sup>e</sup>

<sup>a</sup>As identified in the Statute of the IAEA.

<sup>b</sup>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 metre unshielded.

<sup>c</sup>Less than a radiologically significant quantity should be exempted.

<sup>d</sup>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.

<sup>e</sup>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 metre unshielded.