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IAEA *Atoms for Peace and Development*

Information Circular

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Communication Received from the Russian Federation Concerning its Policies Regarding the Management of Plutonium

1. The Secretariat has received a note verbale dated 4 August 2017 from the Permanent Mission of the Russian Federation to the IAEA in the enclosures of which the Government of the Russian Federation, in keeping with its commitment under the Guidelines for the Management of Plutonium (contained in INFCIRC/549¹ of 16 March 1998 and hereinafter referred to as the “Guidelines”), and in accordance with Annexes B and C of the Guidelines, has made available annual figures for its holdings of civil unirradiated plutonium and the estimated amounts of plutonium contained in spent civil reactor fuel as of 31 December 2016.

2. In light of the request expressed by the Government of the Russian Federation in its note verbale of 1 December 1997 concerning its policies regarding the management of plutonium (INFCIRC/549 of 16 March 1998), the note verbale of 4 August 2017 and the enclosures therewith are attached for the information of all Member States.

¹ A modification to this document was issued on 17 August 2009 (INFCIRC/549/Mod.1).

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of the Russian Federation to the
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The Permanent Mission of the Russian Federation to the international organizations in Vienna presents its compliments to the Secretariat of the International Atomic Energy Agency and has the honour, in accordance with paragraph 14 of the Guidelines for the Management of Plutonium (INFCIRC/549), to send the annual figures of the Russian Federation for holdings of civil unirradiated plutonium, in the format set out in Annex B to the Guidelines, and the estimated amounts of plutonium contained in irradiated civil reactor fuel, in the format set out in Annex C to the Guidelines, as of 31 December 2016.

The Mission avails itself of this opportunity to assure the Secretariat of its highest consideration.

[stamp]

Vienna, 4 August 2017

IAEA Secretariat
Vienna

**Annual figures for holdings
of civil unirradiated plutonium**

Totals for organization, enterprise (in kilograms)	as of 2016-12-31	(as of 2015-12-31)
1. Separated plutonium in product stores at reprocessing plants.	54900	(53100)
2. Separated plutonium in the course of manufacture or fabrication and plutonium contained in unirradiated semi-fabricated or unfinished products at fabricating plants**)	-	(-)
3. Plutonium in unirradiated MOX fuel or other fabricated products at reactor sites or elsewhere**)	1700	(1500)
4. Separated plutonium held elsewhere**)	600	(800)
<u>Note:</u>		
(i) Plutonium included in lines 1–4 above belonging to foreign bodies.	0.3	(0.3)
(ii) Plutonium in any of the forms in lines 1–4 above held in locations in other countries and therefore not included above.	0.6	(0.6)

*) Rounded to 100 kg

**) no indication of storage location

**Estimated amounts of plutonium contained in
spent civil reactor fuel**

Totals for organizations, enterprises *) (in kilograms)	as of 2016-12-31	(as of 2015-12-31)
1. Plutonium contained in spent nuclear fuel at civil reactor sites (cooling ponds of NPP and reactor plant)	78000	(78000)
2. Plutonium contained in spent fuel at reprocessing plants (unfinished products at reactor plant)	4000	(5000)
3. Plutonium contained in spent fuel held elsewhere (NPP spent nuclear fuel storage facility: Russia, Ukraine, Bulgaria, etc.)	73000	(68000)

Note:

- (i) The treatment of material sent for direct disposal will need further consideration when plans for direct disposal have taken concrete form.
- (ii) Definitions:
- Line 1 covers estimated amounts of plutonium contained in fuel discharged from civil reactors.
- Line 2 covers estimated amounts of plutonium contained in fuel received at reprocessing plants but not yet reprocessed.
- (iii) Plutonium included in lines 1–3 which is in international shipment prior to its arrival in the recipient State.

* Rounded to 1000 kg