

## Information Circular

**INFCIRC/549/Add.9/18**

Date: 7 June 2016

**General Distribution**

Original: Russian

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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 13 May 2016 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/549<sup>1</sup> 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 2015.

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 13 May 2016 and the enclosures therewith are attached for the information of all Member States.

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

Permanent Mission  
of the Russian Federation to the  
international Organizations in Vienna  
Erzherzog-Karl-Strasse 182  
Tel.: (+43-1) 282 53 91, 282 53 93  
Fax: (+43-1) 280 56 87  
A-1220 Vienna

No. 1812-n

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 to forward a copy of the letter from the State Atomic Energy Corporation “Rosatom” containing the figures for holdings of civil unirradiated plutonium, provided in accordance with the Guidelines for the Management of Plutonium (INFCIRC/549), as of 31 December 2015.

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

[stamp]

Vienna, 13 May 2016

SECRETARIAT  
INTERNATIONAL ATOMIC  
ENERGY AGENCY  
Vienna

State Atomic Energy  
Corporation "Rosatom"  
24, Bolshaya Ordynka Str.,  
Moscow, 119017, Russia

2016-04-25 No. 1-7.1/15760

Subject: Plutonium holdings

In accordance with paragraph 14 of the Guidelines for the Management of Plutonium, I am sending you the annual figures for holdings of civil unirradiated plutonium, in the format set out in Annex B of the Guidelines, and the estimated amounts of plutonium contained in spent civil reactor fuel, in the format set out in Annex C of the Guidelines, as of 2015-12-31.

Enc.: 2 pages

(signed)

M.P. Belyaeva  
Director, International Relations Department

IAEA Secretariat

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

<u>National totals*</u> (in kilograms)	as of 31 December 2015	(31 December 2014)
1. Unirradiated separated plutonium in product stores at reprocessing plants.	53 100	(52 000)
2. Unirradiated separated plutonium in the course of manufacture or fabrication and plutonium contained in unirradiated semi-fabricated or unfinished products at fuel or other fabricating plants or elsewhere.	-	(-)
3. Plutonium contained in unirradiated MOX fuel or other fabricated products at reactor sites or elsewhere.	1 500	(300)
4. Unirradiated separated plutonium held elsewhere.	800	(1 300)
<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)

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\* Rounded to 100 kg

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

<u>National totals*</u> (in kilograms)	as of 31 December 2015	(31 December 2014)
1. Plutonium contained in spent fuel at civil reactor sites.	78 000	(79 000)
2. Plutonium contained in spent fuel at reprocessing plants.	5 000	(5 000)
3. Plutonium contained in spent fuel held elsewhere.	68 000	(62 000)

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.

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\* Rounded to 1000 kg