

Information Circular

INFCIRC/549/Add.9/16

Date: 6 October 2014

General Distribution

Original: Russian

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

1. The Secretariat has received a note verbale dated 12 September 2014 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 holdings of civil unirradiated plutonium and the estimated amounts of plutonium contained in spent civil reactor fuel as of 31 December 2013.
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 12 September 2014 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).

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

No. 3108-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 herewith the letter from Mr M.N. Lysenko, Director of the International Cooperation Department of the State Atomic Energy Corporation “Rosatom”, containing, in accordance with paragraph 14 of the Guidelines for the Management of Plutonium, the annual figures for holdings of civil unirradiated plutonium and the estimated amounts of plutonium contained in spent civil reactor fuel as of 31 December 2013.

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

Enc.: as indicated, 3 pages.

[stamp]

Vienna, 12 September 2014

IAEA Secretariat
Vienna

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

4 September 2014
No. 1-7.1/33457

Subject: Plutonium holdings

Dear Mr Andrew,

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 31 December 2013.

Enc.: 2 pages

(signed)
M.N. Lysenko
Director, International Cooperation Department

Mr Graham ANDREW
Special Assistant to the IAEA DG for NS and SG

Annual figures for holdings of civil unirradiated plutonium

<u>National totals*</u> (in kilograms)	as of 31 December 2013	(31 December 2012)
1. Unirradiated separated plutonium in product stores at reprocessing plants.	50 300	(49 200)
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.	400	(300)
4. Unirradiated separated plutonium held elsewhere.	1 200	(1 200)
<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

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

<u>National totals*</u> (in kilograms)	as of 31 December 2013	(31 December 2012)
1. Plutonium contained in spent fuel at civil reactor sites.	79 000	(77 500)
2. Plutonium contained in spent fuel at reprocessing plants.	4 500	(4 500)
3. Plutonium contained in spent fuel held elsewhere.	56 500	(53 500)

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