

Information Circular

INFCIRC/549/Add.9/14

Date: 23 November 2012

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 26 October 2012 from the Permanent Mission of the Russian Federation to the IAEA in the enclosures of which the Government, 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 2011.
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 26 October 2012 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
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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 to forward a copy of the letter from Mr M.N. Lysenko, Director of the International Cooperation Department of the State Atomic Energy Corporation "Rosatom", to Mr G. Andrew, Special Assistant to the IAEA Director General, with annexes containing the annual figures for holdings of unirradiated plutonium and the estimated amounts of plutonium contained in spent civil reactor fuel in the Russian Federation.

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

26 October 2012

[stamp of the Permanent Mission of Russia
to the international organizations in Vienna]

STATE ATOMIC ENERGY CORPORATION "ROSATOM"
(Rosatom)
International Cooperation Department
119017, Moscow, ul. B. Ordynka, 24

2 October 2012

No. 1-7.1/36939

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 2011.

Enc.: 2 pages

Yours, etc.,

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

Mr Graham Andrew
Special Adviser to the IAEA Director General
on Scientific and Technical Affairs

ANNUAL FIGURES FOR HOLDINGS OF CIVIL UNIRRADIATED PLUTONIUM

<u>National Totals*</u> (in kilograms)	as of 31 December 2011	(31 December 2010)
1. Unirradiated separated plutonium in product stores at reprocessing plants.	48 100	(47 000)
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.	300	(300)
4. Unirradiated separated plutonium held elsewhere.	1100	(1100)
<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 2011	(31 December 2010)
1. Plutonium contained in spent fuel at civil reactor sites.	75 500	(73 000)
2. Plutonium contained in spent fuel at reprocessing plants.	4000	(4000)
3. Plutonium contained in spent fuel held elsewhere.	51 500	(49 000)

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.

* Rounded to 1000 kg