

Information Circular

INFCIRC/549/Add.9/13

Date: 14 November 2011

General Distribution

Original: Russian

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

1. The Secretariat has received a letter dated 18 October 2011 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 2010.
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 letter of 18 October 2011 and the enclosures thereto 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

Vienna, 18 October 2011

Sir,

I have the honour to forward herewith a letter from Mr M.N. Lysenko, Director of the International Cooperation Department of the State Atomic Energy Corporation "Rosatom", containing the annual figures for holdings of civil unirradiated plutonium in Russia and the estimated amounts of plutonium contained in spent civil reactor fuel, provided in accordance with the Guidelines for the Management of Plutonium.

Accept, Sir, etc.,

Enc.: as mentioned, 3 pages.

(signed) Vadim Smirnov
Alternate Resident Representative

Mr Graham Andrew
Special Assistant to the Director General
for Scientific and Technical Affairs
International Atomic Energy Agency
Vienna

STATE ATOMIC ENERGY CORPORATION "ROSATOM"

(Rosatom)

INTERNATIONAL COOPERATION DEPARTMENT

ul. B. Ordynka, 24,

Moscow, 119017

Tel.: (499) 949-2868; fax: (495) 951-6926

6 September 2011

No. 1-7.1/31202

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 2010.

Enc.: 2 pages

Yours, etc.,

(signed)

M.N. Lysenko
Director, International Cooperation
Department

V.V. Ostropikov
499-949-4596

ANNEX B

ANNUAL FIGURES FOR HOLDINGS OF CIVIL UNIRRADIATED PLUTONIUM

National Totals* (in kilograms)	as of 31 December 2010	(31 December 2009)
1. Unirradiated separated plutonium in product stores at reprocessing plants.	47 000	(46 300)
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.	1 100	(1 100)
Note:		
(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**

National Totals* (in kilograms)	as of 31 December 2010	(31 December 2009)
1. Plutonium contained in spent fuel at civil reactor sites.	<u>73 000</u>	<u>(71 000)</u>
2. Plutonium contained in spent fuel at reprocessing plants.	<u>4 000</u>	<u>(4 000)</u>
3. Plutonium contained in spent fuel held elsewhere.	<u>49 000</u>	<u>(47 000)</u>

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