

Information Circular

INFCIRC/549/Add.9/23

Date: 3 December 2021

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 17 November 2021 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 2020.

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 17 November 2021 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
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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 a letter from the State Atomic Energy Corporation “Rosatom” containing 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 2020, in the formats set out in Annexes B and C of the Guidelines for the Management of Plutonium.

The Permanent Mission of the Russian Federation avails itself of this opportunity to renew to the Secretariat the assurances of its highest consideration.

Enc.: 3 pages

[stamp]

Vienna, 17 November 2021

SECRETARIAT OF THE INTERNATIONAL
ATOMIC ENERGY AGENCY
Vienna

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To the IAEA Secretariat

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 31 December 2020.

Enc.: 2 pages.

Director, International Relations Department (signed)

M.P. Belyaeva

Annual figures for holdings of civil separated plutonium

Totals for organizations, enterprises *) (in kilograms)	as of 2020-12-31	(2019-12-31)
1. Unirradiated separated plutonium in product stores at reprocessing plants	57 300	(57 000)
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 **)	800	(1700)
3. Plutonium contained in unirradiated MOX fuel, including plutonium loaded into a reactor core before it has been used, or other unirradiated plutonium contained in other fabricated products at reactor sites or elsewhere **)	4900	(3900)
4. Unirradiated separated plutonium held elsewhere **)	300	(400)
 <u>Note:</u>		
(i) Plutonium included in lines 1–4 above belonging to foreign bodies	0	(0.01)
(ii) Plutonium in any of the forms in lines 1–4 above held in locations in other countries and therefore not included above	0	(0.06)

*) 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 2020-12-31	(as of 2019-12-31)
1. Plutonium contained in spent nuclear fuel at civil reactor sites	77 000	(78 000)
2. Plutonium contained in spent fuel at reprocessing plants	6000	(6000)
3. Plutonium contained in spent fuel held elsewhere	102 000	(96 000)

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.

*) Rounded to 1000 kg