

Information Circular

INFCIRC/549/Add.5/14

Date: 8 September 2010

General Distribution

Original: French

Communication Received from France Concerning its Policies regarding the Management of Plutonium

Statements on the Management of Plutonium and of High Enriched Uranium

1. The Director General has received a note verbale dated 24 August 2010 from the Permanent Mission of France to the IAEA in the enclosures of which the Government of France, 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 2009.
2. The Government of France has also made available a statement of its annual figure for holdings of civil high enriched uranium (HEU) as of 31 December 2009.
3. In light of the request expressed by the Government of France in its note verbale of 28 November 1997 concerning its policies regarding the management of plutonium (INFCIRC/549 of 16 March 1998), the note verbale of 24 August 2010 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)

Liberty — Equality — Fraternity
FRENCH REPUBLIC

Permanent Mission of France to the United Nations Office and the
international organizations in Vienna
Schwarzenbergplatz 16, 1010 Vienna, Austria
Tel.: 43 1 501 82 302 — Fax: 43 1 501 82 395

No. 318/NV/DFRA Vienne

The Permanent Mission of France to the United Nations Office and the international organizations in Vienna presents its compliments to the Director General of the International Atomic Energy Agency and, in accordance with Annexes B and C of the Guidelines for the Management of Plutonium (INFCIRC/549), has the honour to send him the figures for holdings of civil plutonium and civil high-enriched uranium in France as of 31 December 2009.

The Permanent Mission of France avails itself of this opportunity of reiterating to the Director General of the International Atomic Energy Agency the assurances of its highest consideration.

Vienna, 24 August 2010

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Encl.: 3

Director General
International Atomic Energy Agency
IAEA
Vienna

ANNEX B:
ANNUAL FIGURES FOR HOLDINGS
OF CIVIL UNIRRADIATED PLUTONIUM

As of 31 December 2009
(previous year's figures in brackets)
rounded to 100 kg plutonium with
quantities less than 50 kg reported as such

National total in tonnes

1. Unirradiated separated plutonium in product stores at reprocessing plants.	47.1	(49.3)
2. Unirradiated separated plutonium in the course of fabrication and plutonium contained in unirradiated semi-fabricated or unfinished products at fuel or other fabricating plants or elsewhere.	6.8	(7.1)
3. Plutonium contained in unirradiated MOX fuel or other fabricated products at reactor sites or elsewhere.	27.2	(26.6)
4. Unirradiated separated plutonium held elsewhere.	0.7	(0.8)

(I) Definition:

Line 4: covers estimated amounts of plutonium in process at reprocessing plants and estimated amounts of separated plutonium held at research facilities (CEA or universities).

(i) Plutonium included in lines 1–4 above belonging to foreign bodies.	25.9	28.3
(ii) Plutonium in any of the forms in lines 1–4 above held in locations in other countries and therefore not included above.	<50 kg	(<50 kg)
(iii) Plutonium included in lines 1–4 above which is in international shipment prior to its arrival in the recipient State.	0	(0)

ANNEX C:
ESTIMATED AMOUNTS OF PLUTONIUM CONTAINED
IN SPENT CIVIL REACTOR FUEL

As of 31 December 2009
(previous year's figures in brackets)
rounded to 100 kg plutonium with quantities less
than 500 kg reported as such

National total in tonnes

1. Plutonium contained in spent fuel at civil reactor sites.	100.3	96.7
2. Plutonium contained in spent fuel at reprocessing plants.	129.6	123.3
3. Plutonium contained in spent fuel held elsewhere.	6.6	6.5

(I) 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;
- Line 3: covers estimated amounts of plutonium located at research centres.

**ANNUAL FIGURES FOR HOLDINGS
OF CIVIL HIGH-ENRICHED URANIUM**

As of 31 December 2009
(previous year's figures in brackets)
figures rounded to nearest kg

National total in kilograms

1. High-enriched uranium stored at enrichment plants.		0
2. High-enriched uranium in the course of fabrication at enrichment plants.		0
3. High-enriched uranium at fuel fabrication plants or other processing facilities.	1 017	(1 159)
4. High-enriched uranium at civil reactor sites.	1 816	(1 803)
5. High-enriched uranium held at locations other than civil reactor sites and at enrichment, fuel fabrication or processing plants (e.g. laboratories, research centres).	433	(434)
6. Irradiated high-enriched uranium at civil reactor sites.	143	(148)
7. Irradiated high-enriched uranium held at locations other than civil reactor sites.	1 441	(1 462)