

Information Circular

INFCIRC/549/Add.3/16

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General Distribution
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Communication Received from Belgium Concerning its Policies Regarding the Management of Plutonium

1. The Secretariat has received a note verbale dated 3 March 2017 from the Permanent Mission of Belgium to the IAEA in the enclosures of which the Government of Belgium, 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 2016.
2. In light of the request expressed by the Government of Belgium 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 3 March 2017 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).

Embassy and Permanent Mission of the
Kingdom of Belgium in Vienna

Ref: 17/0303

Enclosures: 3 pages

The Permanent Mission of Belgium to the International Atomic Energy Agency presents its compliments to the IAEA Director General and has the honour to refer to Belgium's annual commitment pursuant to the Guidelines for the Management of Plutonium (INFCIRC/549).

In accordance with this commitment, the Permanent Mission attaches hereto information on plutonium holdings on Belgian territory as of 31 December 2016:

- Annex B of the Guidelines for the Management of Plutonium covering holdings of civil unirradiated plutonium in Belgium;
- Annex C of the Guidelines relating to estimated amounts of plutonium contained in spent civil reactor fuel.

The Permanent Mission of Belgium to the International Atomic Energy Agency avails itself of this opportunity to assure the IAEA Director General of its highest consideration.

[stamp] (signed)

Vienna, 3 March 2017

Mr Y. Amano
Director General
International Atomic Energy Agency
Vienna

Guidelines for management of plutonium

Annual figures for holdings of civil unirradiated plutonium

National totalsBELGIUM

	As of 31 Dec. 2016 (Previous year's figures in Brackets) Rounded to 100 kg <u>plutonium</u>	
1. Unirradiated separated plutonium in product stores at reprocessing plants.	0 kg	(0 kg)
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.	p.m.	(p.m.)
3. Plutonium contained in unirradiated MOX fuel or other fabricated products at reactor sites or <u>elsewhere</u> .	p.m.	(p.m.)
4. Unirradiated separated plutonium held elsewhere.	p.m.	(p.m.)

<p>Note :</p> <p>(i) Plutonium included in lines 1-4 above <u>belonging to foreign bodies.</u></p>	<p>p.m.</p>	<p>(p.m.)</p>
<p>(ii) Plutonium in any of the forms in lines 1-4 above held in locations in other countries and therefore not included above.</p>	<p>0 kg</p>	<p>(0 kg)</p>
<p>(iii) Plutonium in International shipment for which the Government of Belgium still retains Safeguards responsibility is included in the <u>appropriate lines above. The Government with jurisdiction over the owner of the plutonium is responsible for resolving any residual difficulties.</u></p>	<p>0 kg</p>	<p>(0 kg)</p>
<p>(iv) <u>It is open to Governments to add any further information or explanation which they believe helpful</u></p>	<p>p.m. does not necessarily mean zero; it means less than 50 kg</p>	<p>(p.m.) does not necessarily mean zero; it means less than 50 kg</p>

**Estimated Amounts of Plutonium Contained in Spent civil
Reactor Fuel**

National totals

BELGIUM

	As of 31 Dec. 2016 (Previous year's figures in Brackets) Rounded to 1000 kg plutonium	
1) Plutonium contained in spent fuel at civil reactor <u>sites</u>	41.000 kg	(40000 kg)
2) Plutonium contained in spent fuel at reprocessing plants	0 kg	(0 kg)
3) Plutonium contained in spent fuel held elsewhere	p.m.	(p.m.)

p.m. does not necessarily mean zero; it means less than 500 kg

Note:

- i) The treatment of material sent for direct disposal will need further consideration when specific plans for direct disposal have taken concrete form.
- ii) **Definitions:**
 - **Line 1:** covers 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.