

# Information Circular

**INFCIRC/549/Add.3/8**

Date: 24 April 2008

**General Distribution**

Original: English

---

## Communication received from Belgium concerning its policies regarding the management of plutonium

1. The Secretariat has received a Note Verbale dated 22 February 2008 from the Permanent Mission of Belgium to the IAEA in the enclosures of which the Government, in keeping with Belgium's commitment under the Guidelines for the Management of Plutonium (contained in INFCIRC/549 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 2005 and of 31 December 2006.
2. In the light of the request expressed by Belgium in its Note Verbale of 1 December 1997 concerning its policies regarding the management of plutonium (INFCIRC/549 of 16 March 1998), the enclosures to the Note Verbale of 22 February 2008 are attached for the information of all Member States.

**2005**

**ANNEX B**

**Guidelines for management of plutonium**

**Annual figures for holdings of civil unirradiated plutonium**

**BELGIUM**

	As of 31 Dec. 2005. (Previous year's figures in Brackets) Rounded to 100 kg plutonium	
1. Unirradiated separated plutonium in product stores at reprocessing plants.	0 KG	(0kg)
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.	1700 kg	(2100 kg)
3. Plutonium contained in unirradiated MOX fuel or other fabricated products at reactor sites or elsewhere.	1100 kg	(1200 kg)
4. Unirradiated separated plutonium held elsewhere.	p.m.	(p.m.)

<p><b>Note :</b></p> <p>(i) Plutonium included in lines 1-4 above belonging to foreign bodies.</p>	<p><b>Not to be communicated due to secrecy reasons.</b></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>(400 kg)</p>
<p>(iii) Plutonium in international shipment for which the Government of Belgium still retains Safeguards responsibility is included in the appropriate lines above. The Government with jurisdiction over the owner of the plutonium is responsible for resolving any residual difficulties.</p>	<p>0 kg</p>	<p>(0 kg)</p>
<p>(iv) It is open to Governments to add any further information or explanation which they believe helpful</p>		

# 2005

## ANNEX C

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

#### National totals

	<b>As of 31 Dec. 2005.</b> <b>(Previous year's figures in Brackets)</b> <b>Rounded to 1000 kg plutonium</b>	
<b>1) Plutonium contained in spent fuel at civil reactor sites</b>	<b>26.000 kg</b>	<b>(25.000 kg)</b>
<b>2) Plutonium contained in spent fuel at reprocessing plants</b>	<b>0 kg</b>	<b>(0 kg)</b>
<b>3) Plutonium contained in spent fuel held elsewhere</b>	<b>0 kg</b>	<b>(0 kg)</b>

**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.

**ANNEX B****Guidelines for management of plutonium****Annual figures for holdings of civil unirradiated plutonium****BELGIUM**

	As of 31 Dec. 2006. (Previous year's figures in Brackets) Rounded to 100 kg plutonium	
1. Unirradiated separated plutonium in product stores at reprocessing plants.	0 KG	(0kg)
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.	300 kg	(1.700 kg)
3. Plutonium contained in unirradiated MOX fuel or other fabricated products at reactor sites or elsewhere.	300 kg	(1.100 kg)
4. Unirradiated separated plutonium held elsewhere.	p.m.	(p.m.)

<p><b>Note :</b></p> <p>(i) Plutonium included in lines 1-4 above belonging to foreign bodies.</p>	<p>Not to be communicated due to secrecy reasons.</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 appropriate lines above. The Government with jurisdiction over the owner of the plutonium is responsible for resolving any residual difficulties.</p>	<p>0 kg</p>	<p>(0 kg)</p>
<p>(iv) It is open to Governments to add any further information or explanation which they believe helpful</p>		

## **ANNEX C**

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

#### **National totals**

	As of 31 Dec. 2006. (Previous year's figures in Brackets) Rounded to 1000 kg plutonium	
1) Plutonium contained in spent fuel at civil reactor sites	28.000 kg	(26.000 kg)
2) Plutonium contained in spent fuel at reprocessing plants	0 kg	(0 kg)
3) Plutonium contained in spent fuel held elsewhere	0 kg	(0 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.