

Information Circular

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General Distribution

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Communication Received from Germany 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 letter dated 18 April 2005 from the Permanent Mission of the Federal Republic of Germany to the IAEA in the enclosures of which the Government of Germany, in keeping with its 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 2004.
2. The Government of the Federal Republic of Germany has also made available a statement of the estimated amounts of high enriched uranium (HEU) as of 31 December 2004.
3. In light of the request expressed by the Federal Republic of Germany in its Note Verbale of 1 December 1997 concerning its policies regarding the management of plutonium (INFCIRC/549 of 16 March 1998), the enclosures of the letter of 18 April 2005 are attached for the information of all Member States.

Germany

ANNUAL FIGURES FOR HOLDINGS OF CIVIL UNIRRADIATED PLUTONIUM

Totals (in metric tons)

	as of 31 Dec 2004 (Previous year's figures in brackets)	
1. Unirradiated separated plutonium in Product stores at reprocessing plants.	n.a.	(n.a.)
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.	0.0	(0.3)
3. Plutonium contained in unirradiated MOX fuel or other fabricated products at reactor sites or elsewhere.	10.8*	(9.3)
4. Unirradiated separated plutonium held elsewhere.	1.7	(1.7)

Note:

(i) Plutonium included in lines 1–4 above belonging to foreign bodies. **

(ii) Plutonium in any of the forms in lines 1–4 above held in locations in other countries and therefore not included above. **

(iii) Plutonium included in lines 1–4 above which is in international shipment prior to its arrival in the recipient State.

* Cleaning of former fabrication facility for complete decommissioning.

** Data on material outside Germany or on “foreign” material in Germany are not available. All material is property of the EU.

GermanyESTIMATED AMOUNTS OF PLUTONIUM CONTAINED IN SPENT CIVIL
REACTOR FUELTotals (in metric tons)

as of 31 Dec 2004

(Previous year's
figures in brackets)

1.	Plutonium contained in spent fuel at civil reactor sites.	54.1	(49.3)
2.	Plutonium contained in spent fuel at reprocessing plants.	n.a.	n.a.
3.	Plutonium contained in spent fuel held elsewhere.	7.2	(6.4)

Note:

i) The treatment of material sent for direct disposal will need further consideration when specific plans for direct disposal have 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 contained in spent fuel sent for reprocessing and held in locations in other countries.

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(This plutonium may be in the form of line 2 above or in any of the forms of lines 1-3 of Annex B.)

** Data on material outside Germany or on "foreign" material in Germany are not available. All material is property of the EU.

Germany

ESTIMATED AMOUNTS OF HIGHLY ENRICHED URANIUM

Totals (in metric tons)

as of 31 Dec 2004

(Previous year's
figures in brackets)

1.	HEU contained in Research Reactors.	0.08	(0.06)
2.	HEU (irradiated) contained in storages	0.73	(0.73)
3.	HEU elsewhere	0.23	(0.25)

There is no HEU fabrication or processing facility in Germany.
All material is property of the EU.